



CATALOG

VOLUME 1



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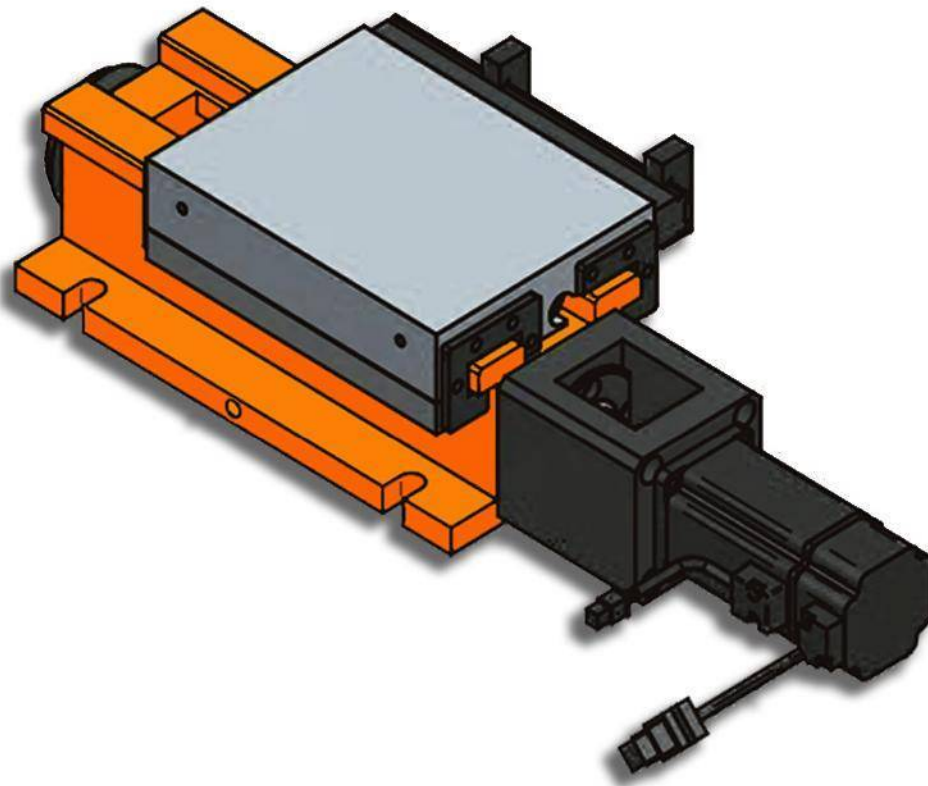


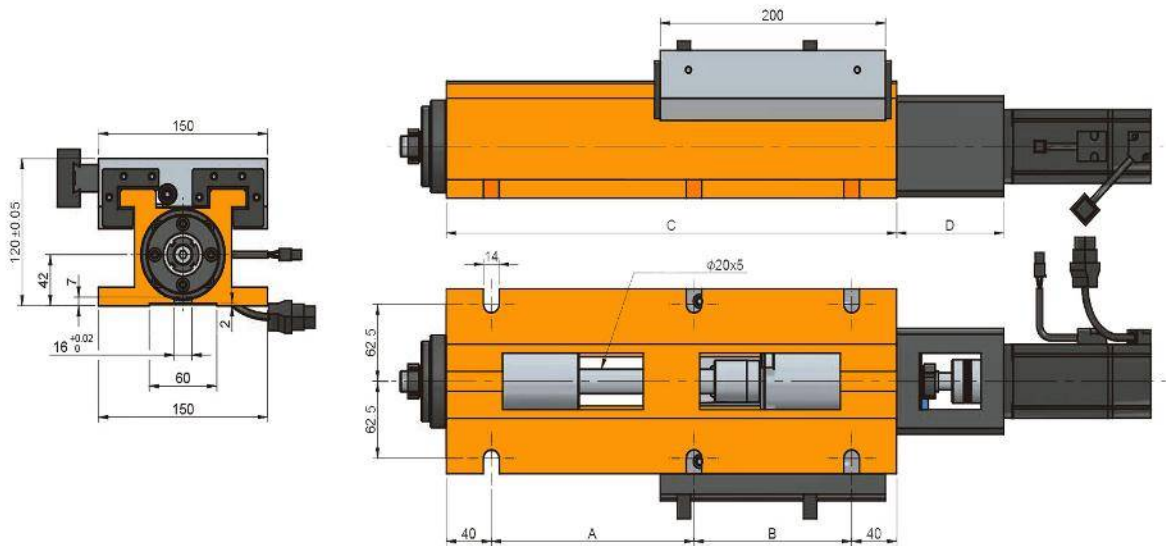
BS SERIES

SERVO SLIDES WITH
HARDENED GUIDES
AND BALL SCREW

BS150-200/300

Servo Slides With Hardness Guideways & Ball Screw







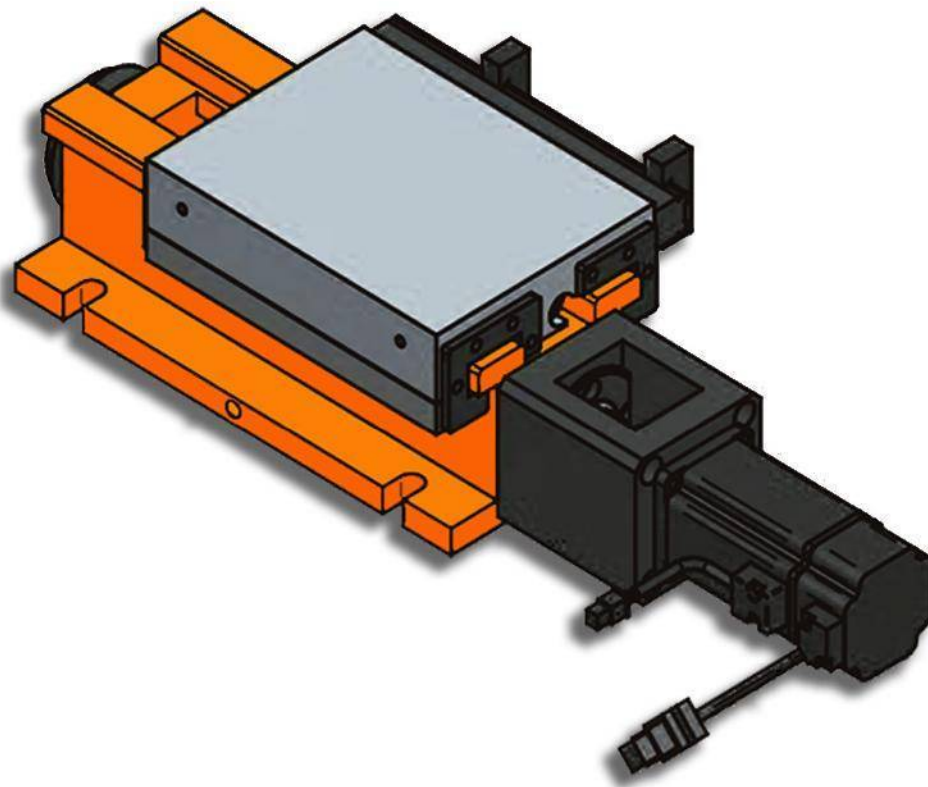
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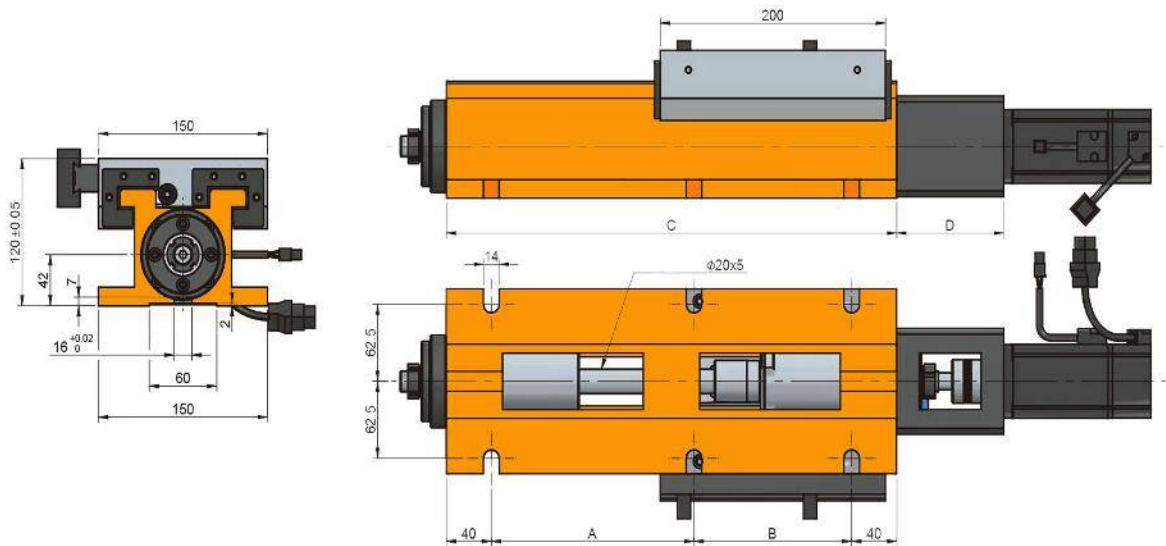
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C	300.00
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C3	-
C4	-
C5	-
D	95.00
Profile Length	-
Lead Screw Pitch	-
Total Stroke	80.00
System Total Weight (Kg)	37.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS150-200/400

Servo Slides With Hardness Guideways & Ball Screw







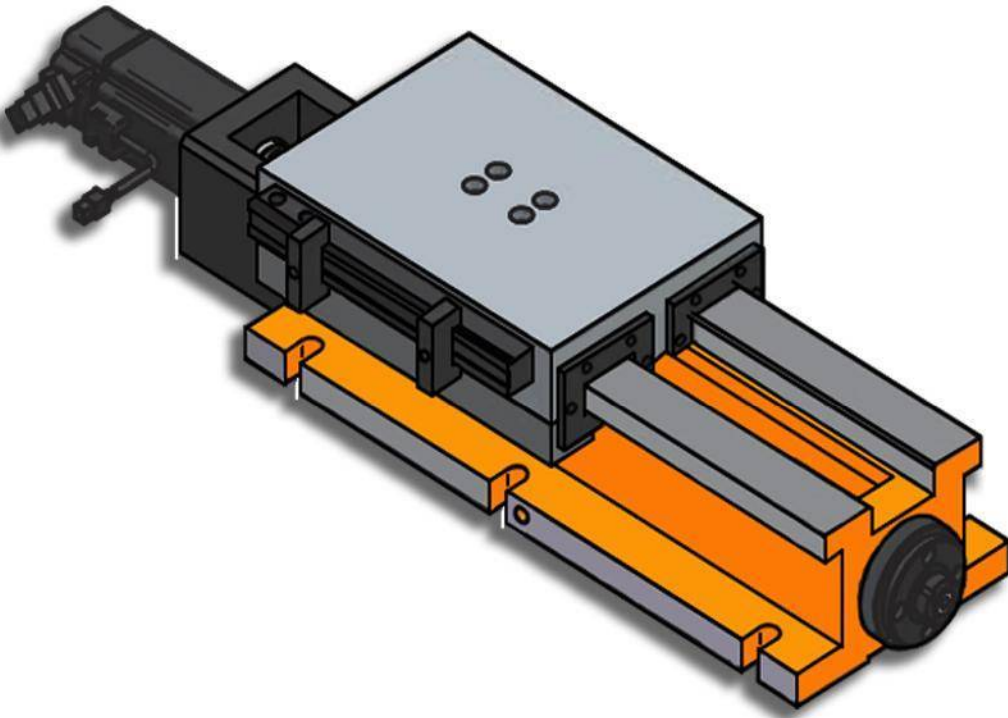
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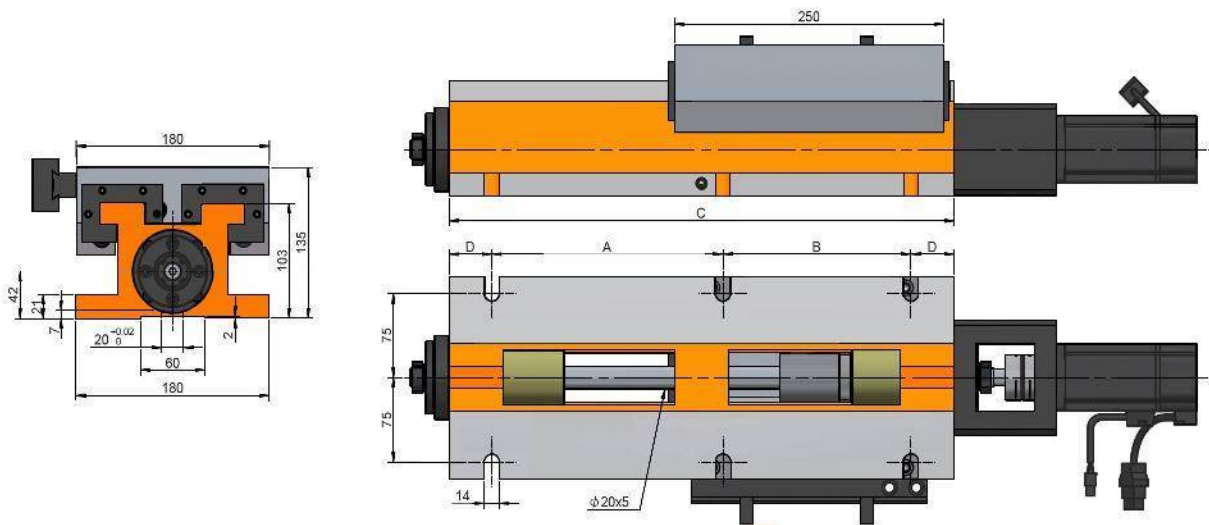
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C	300.00
C1	-
C2	-
C3	-
C4	-
C5	-
D	95.00
Profile Length	-
Lead Screw Pitch	-
Total Stroke	80.00
System Total Weight (Kg)	37.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS180-250/370

Servo Slides With Hardness Guideways & Ball Screw







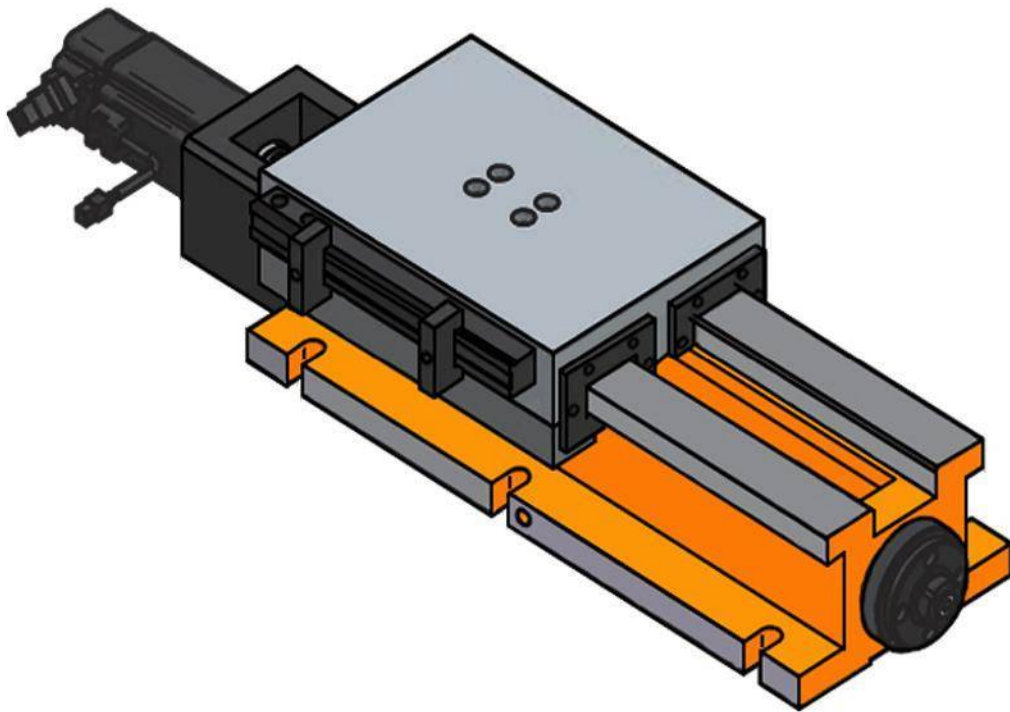
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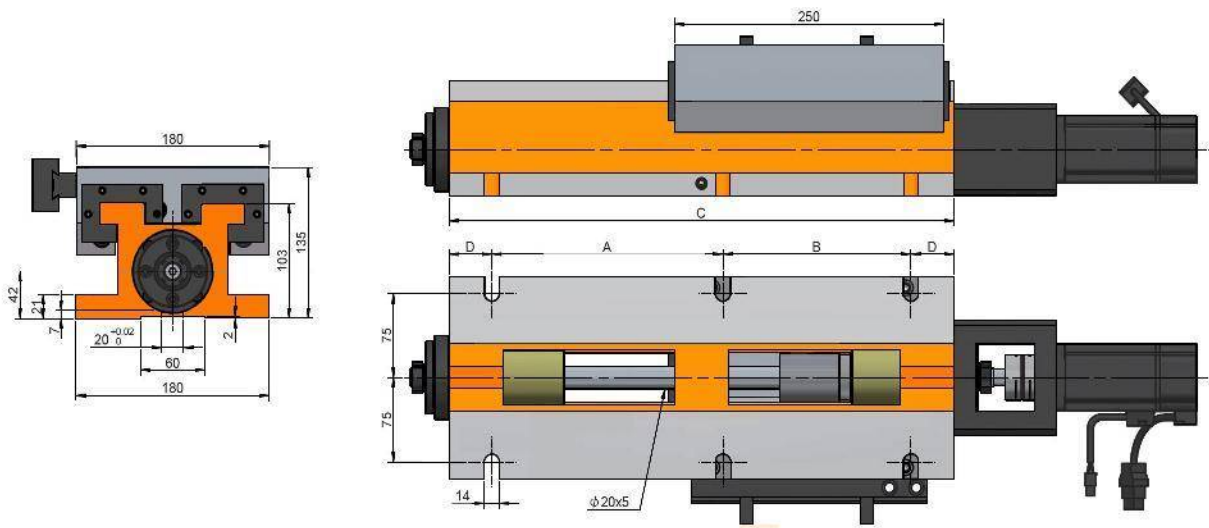
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C3	-
C4	-
C5	-
D	25.00
Profile Length	370.00
Lead Screw Pitch	5 - Ø20
Total Stroke	100.00
System Total Weight (Kg)	66.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS180-250/470

Servo Slides With Hardness Guideways & Ball Screw





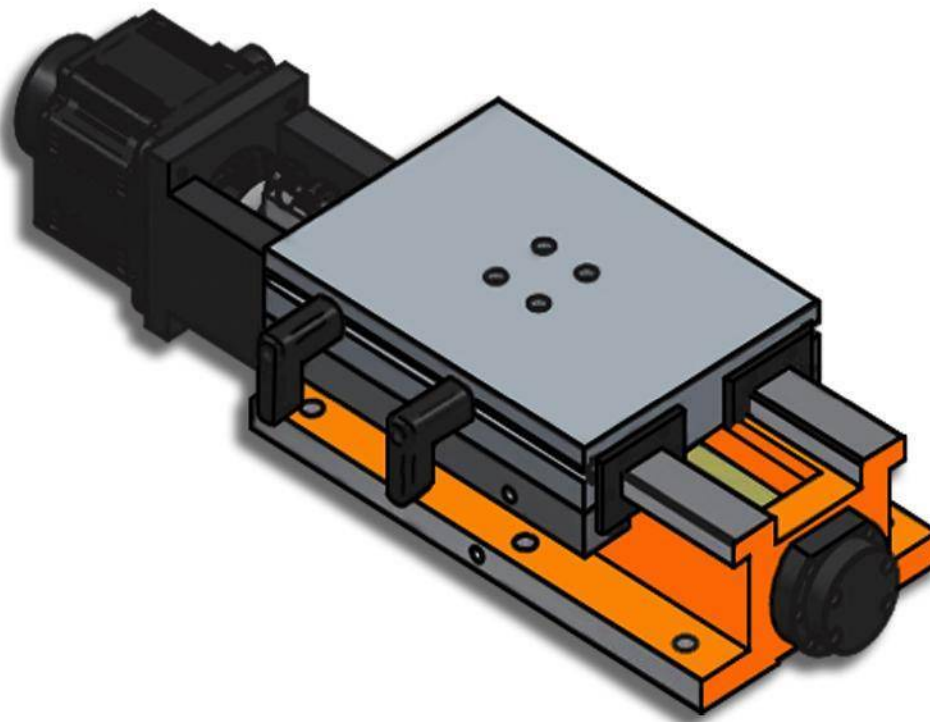
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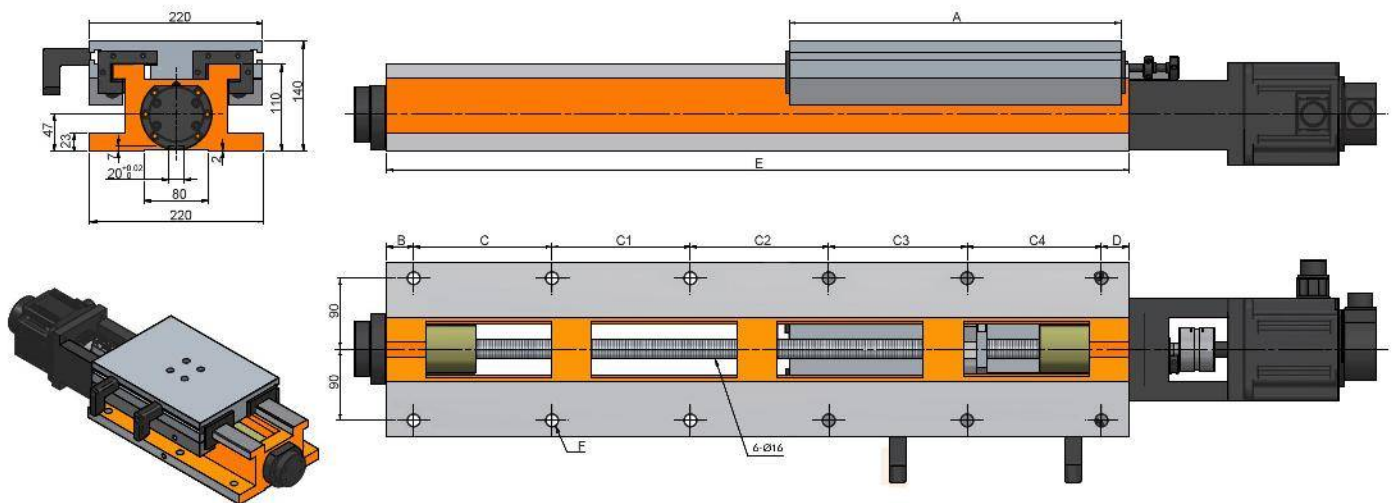
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C1	-
C2	-
C3	-
C4	-
C5	-
D	95.00
Profile Length	470.00
Lead Screw Pitch	5 - Ø20
Total Stroke	200.00
System Total Weight (Kg)	72.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS220-300/420

Servo Slides With Hardness Guideways & Ball Screw





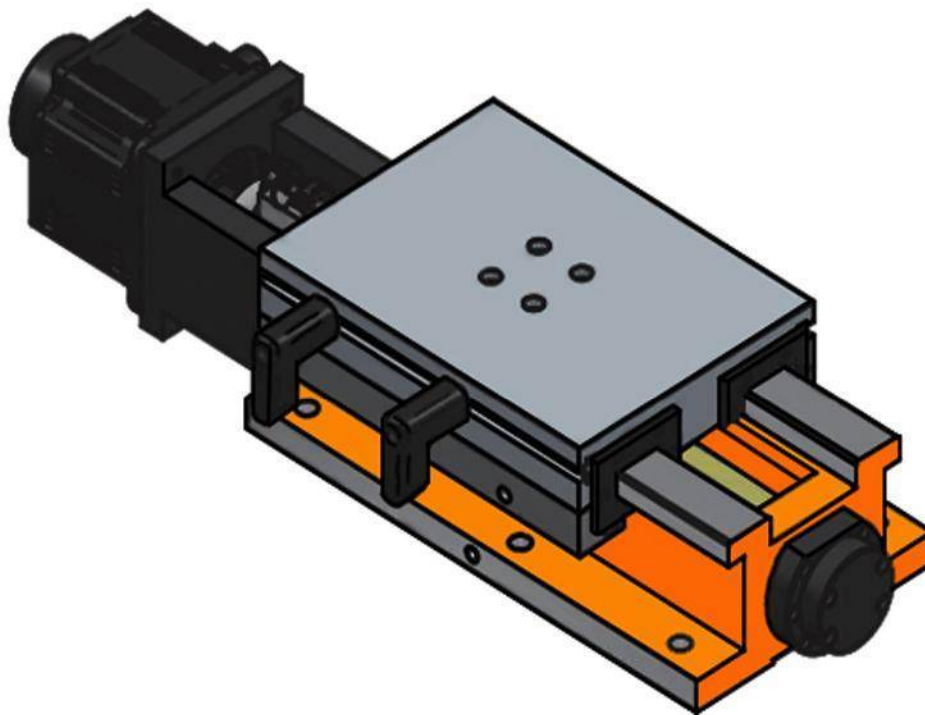
Characteristics & Dimensions

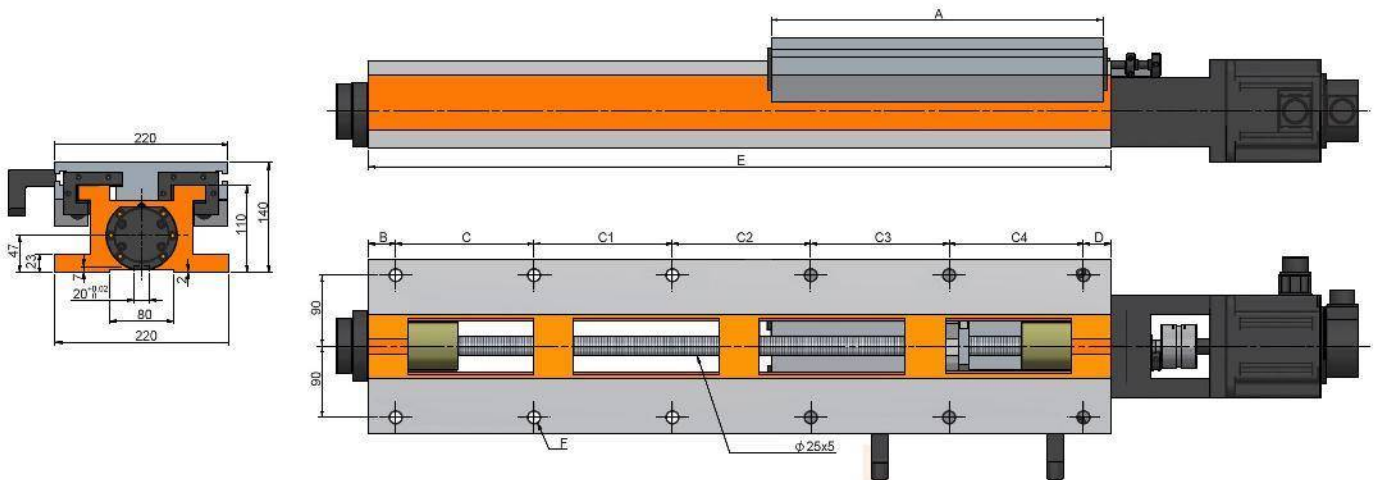
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B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
Profile Length	420.00
Lead Screw Pitch	6 - Ø16
Total Stroke	100.00
System Total Weight (Kg)	62.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS220-300/520

Servo Slides With Hardness Guideways & Ball Screw





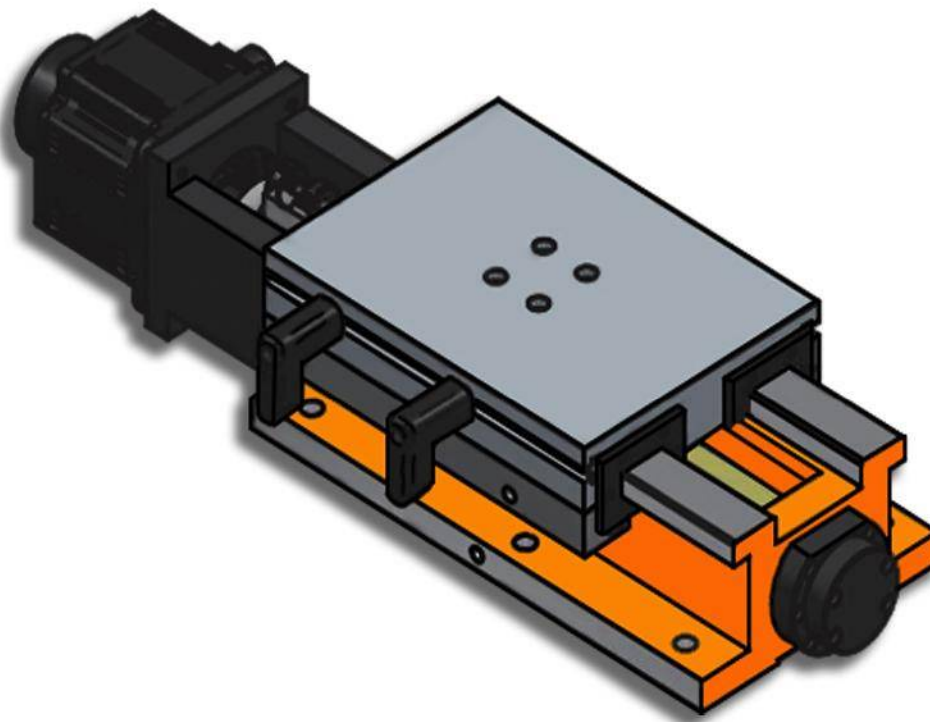
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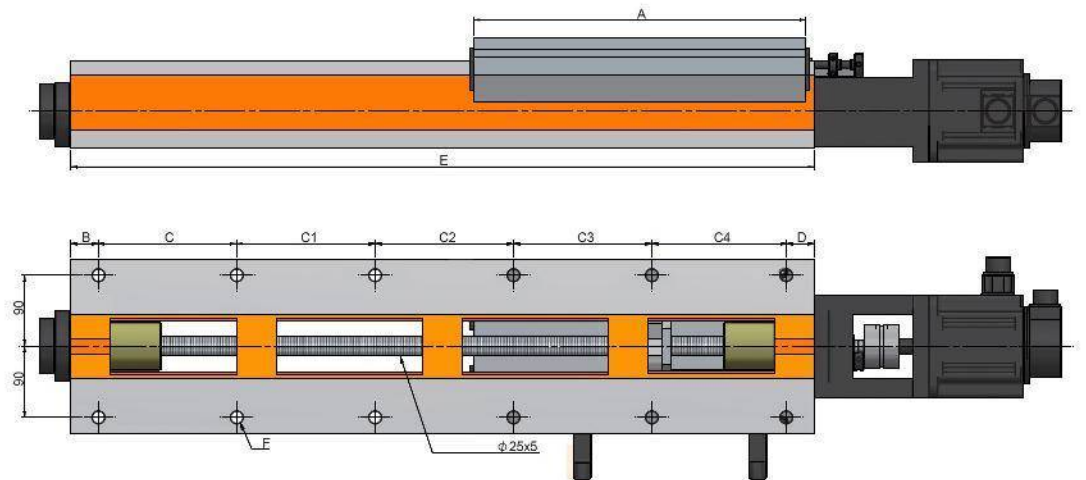
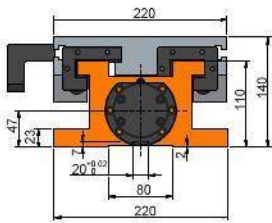
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C	150.00
C1	150.00
C2	150.00
C3	-
C4	-
C5	-
D	35.00
Profile Length	420.00
Lead Screw Pitch	8 - Ø16
Total Stroke	200.00
System Total Weight (Kg)	73.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS220-300/670

Servo Slides With Hardness Guideways & Ball Screw







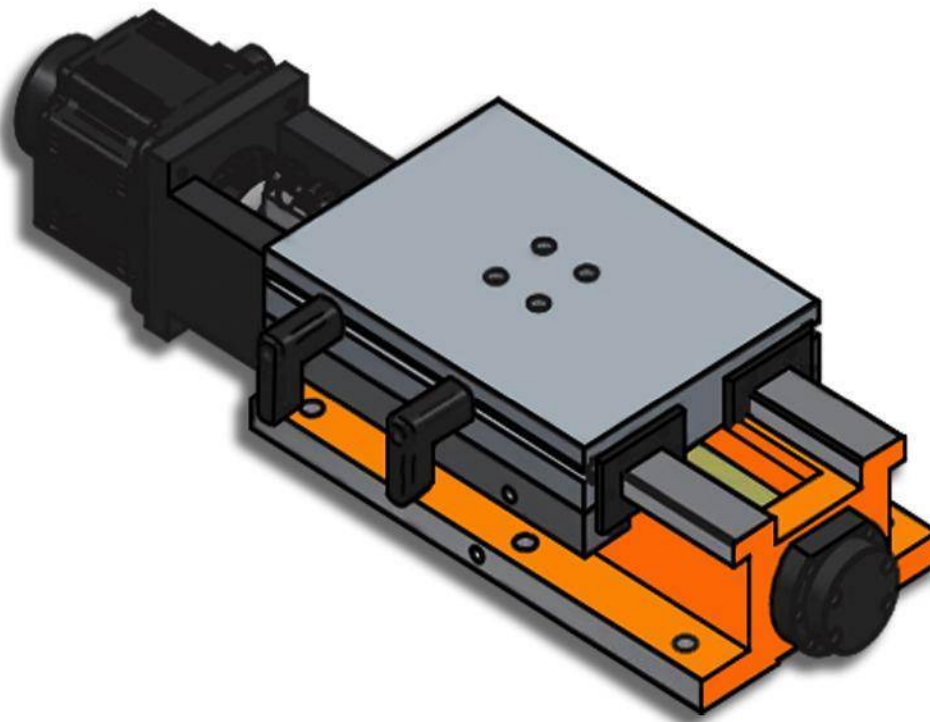
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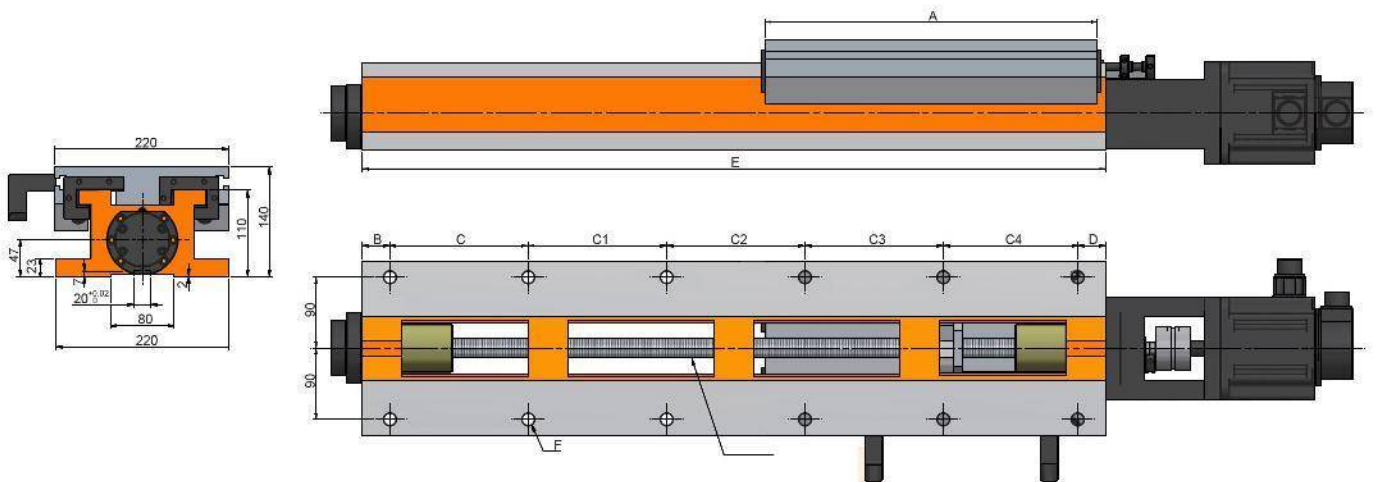
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B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	10 - Ø16
Total Stroke	350.00
System Total Weight (Kg)	85.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS220-420/670

Servo Slides With Hardness Guideways & Ball Screw







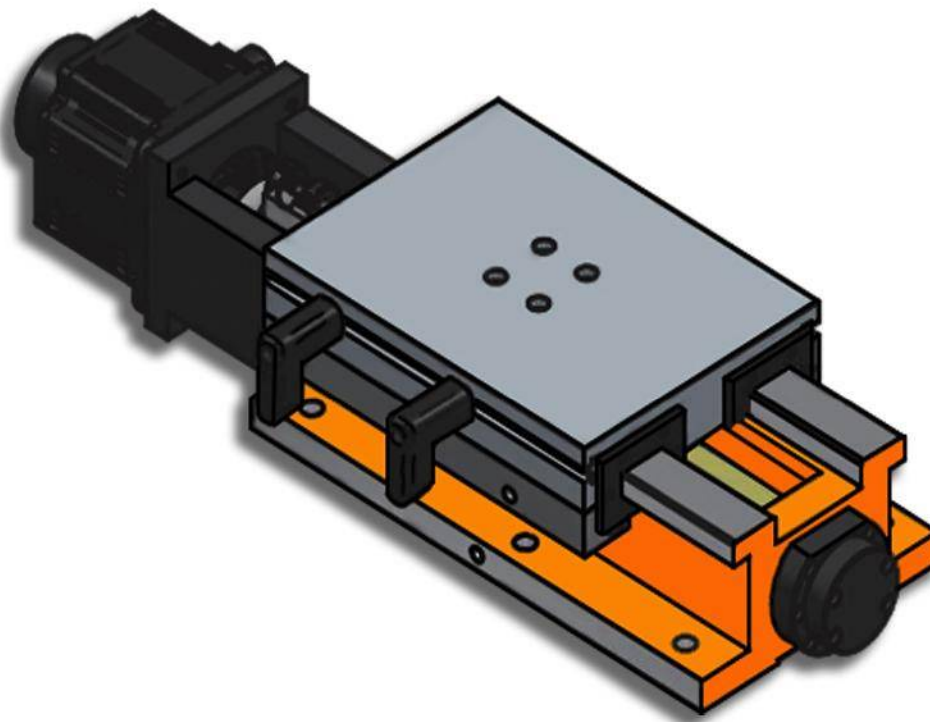
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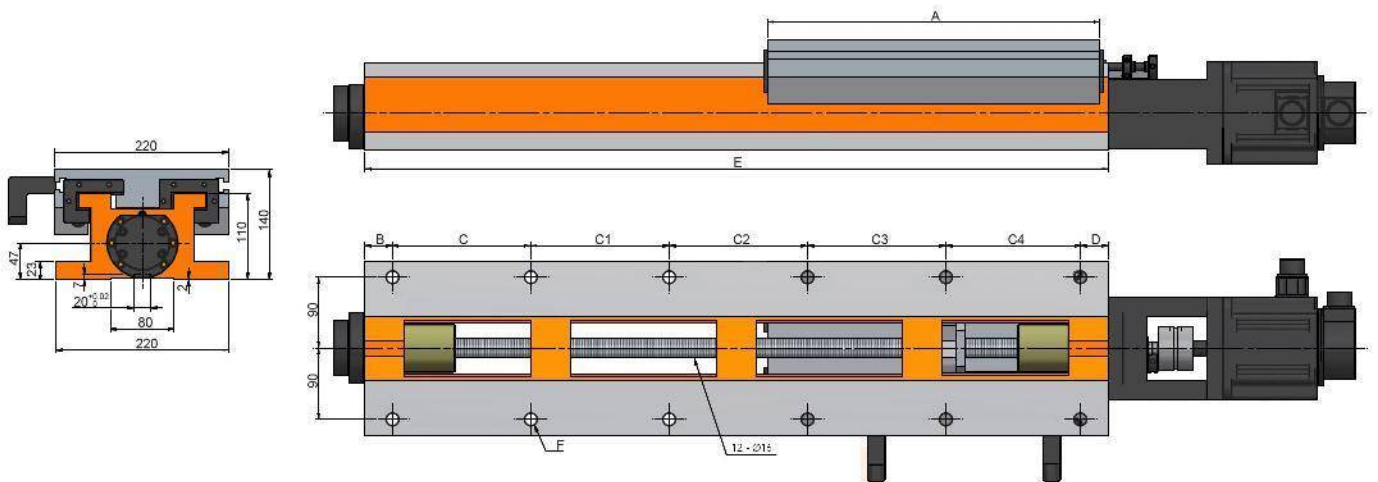
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B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	10 - Ø16
Total Stroke	230.00
System Total Weight (Kg)	90.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS220-420/800

Servo Slides With
Hardness Guideways
& Ball Screw





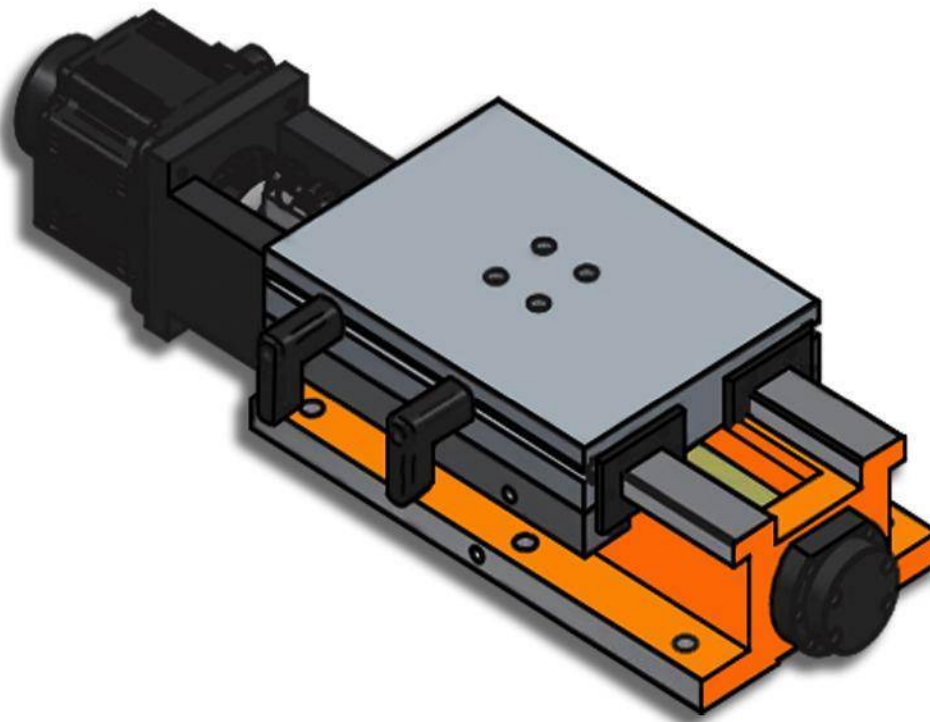
Characteristics & Dimensions

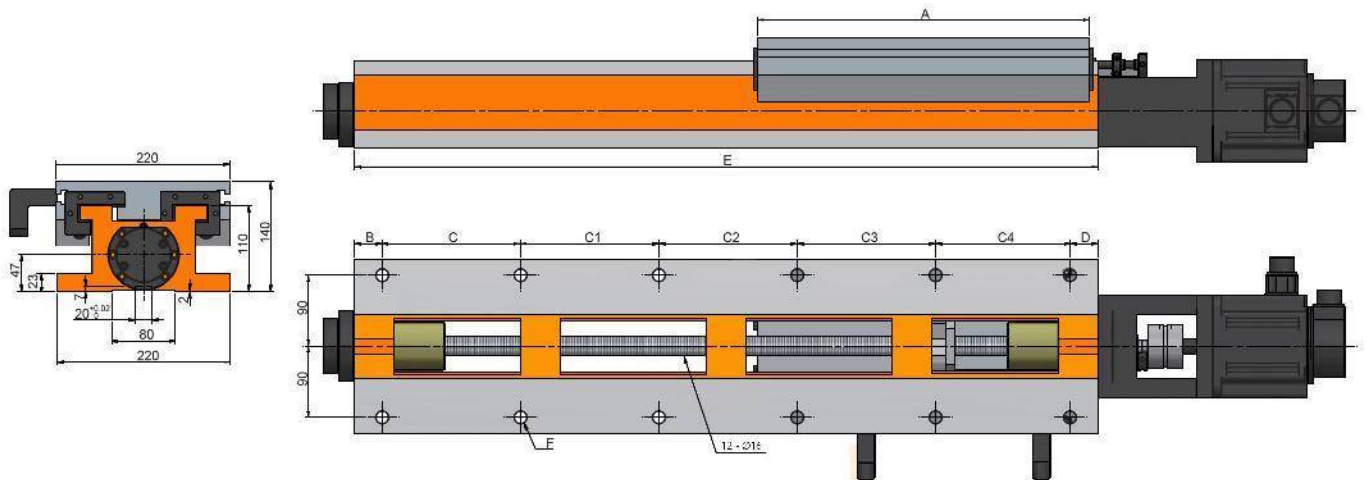
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C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
Profile Length	800.00
Lead Screw Pitch	12 - Ø16
Total Stroke	360.00
System Total Weight (Kg)	95.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS220-420/940

Servo Slides With Hardness Guideways & Ball Screw





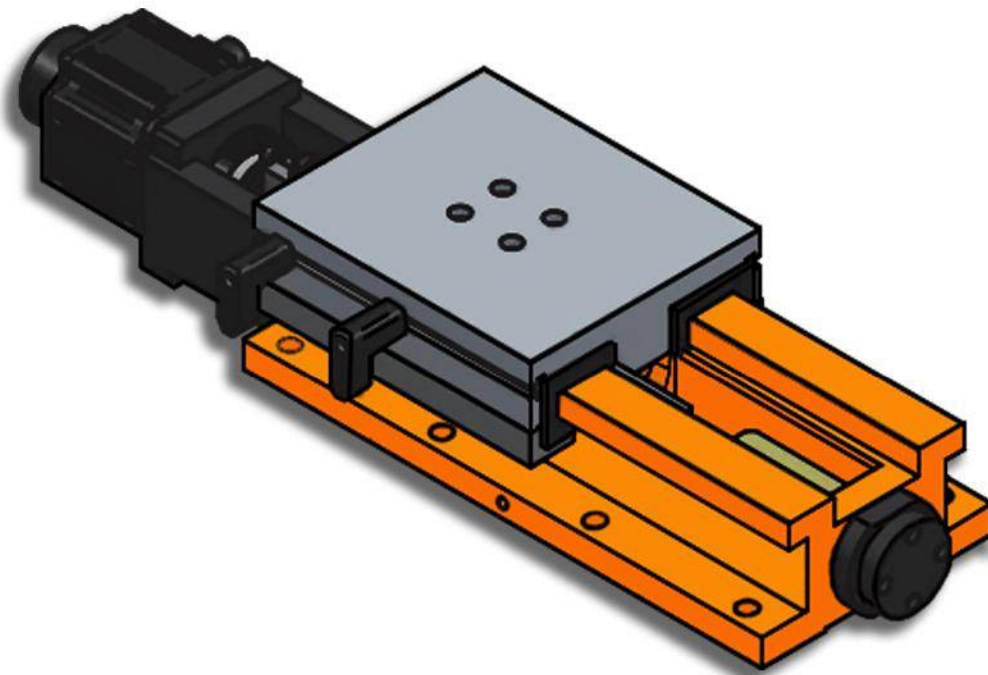
Characteristics & Dimensions

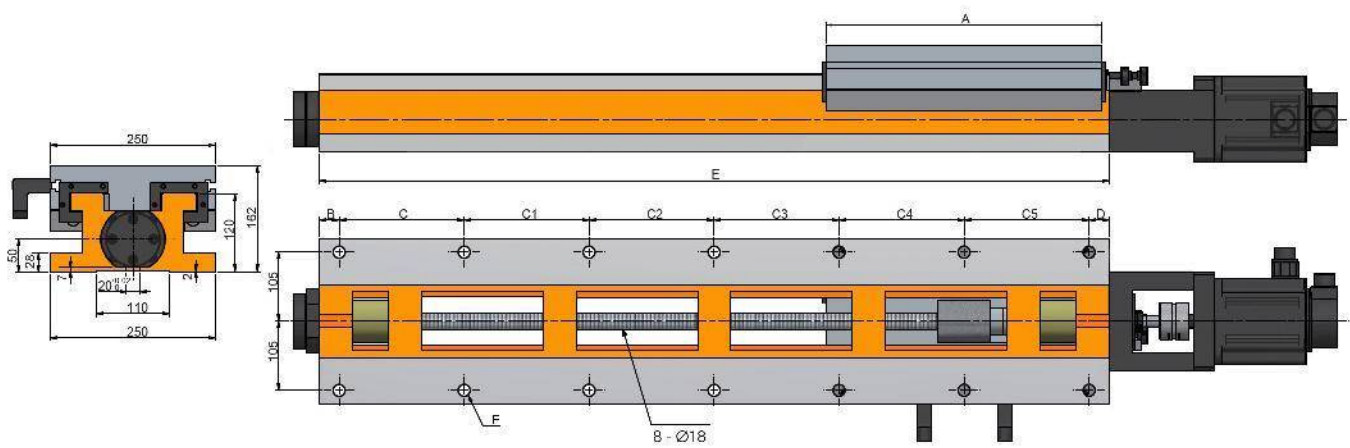
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C4	170.00
C5	-
D	35.00
Profile Length	940.00
Lead Screw Pitch	12 - Ø16
Total Stroke	500.00
System Total Weight (Kg)	110.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-300/420

Servo Slides With Hardness Guideways & Ball Screw







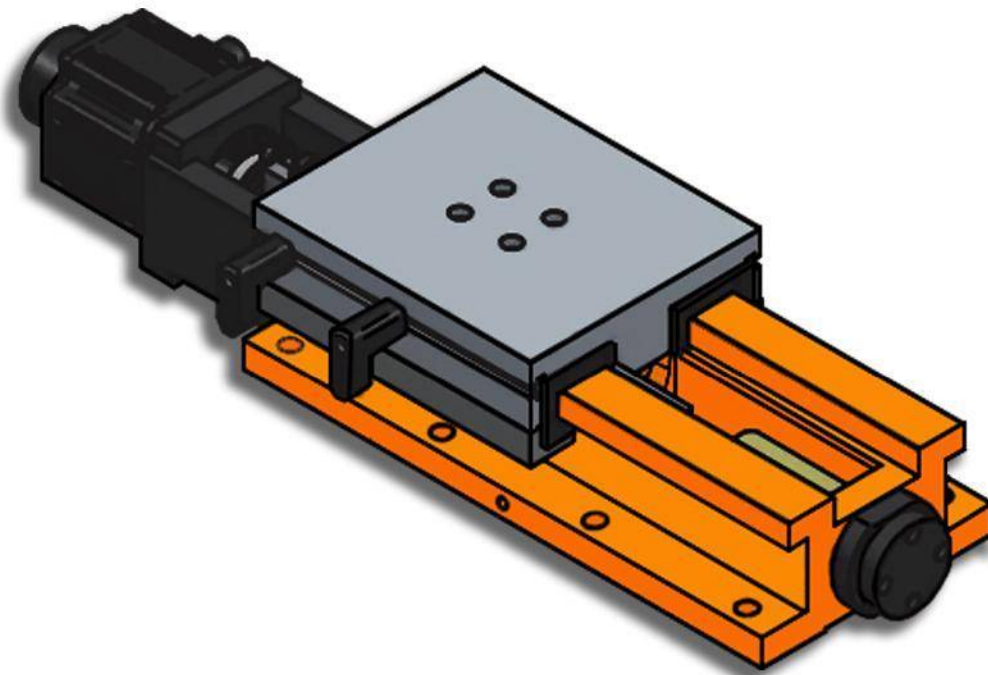
Characteristics & Dimensions

MODEL	BS250-300/420
Profile Width	250.00
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B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
Profile Length	420.00
Lead Screw Pitch	6 - Ø18
Total Stroke	100.00
System Total Weight (Kg)	82.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS250-300/560

Servo Slides With Hardness Guideways & Ball Screw



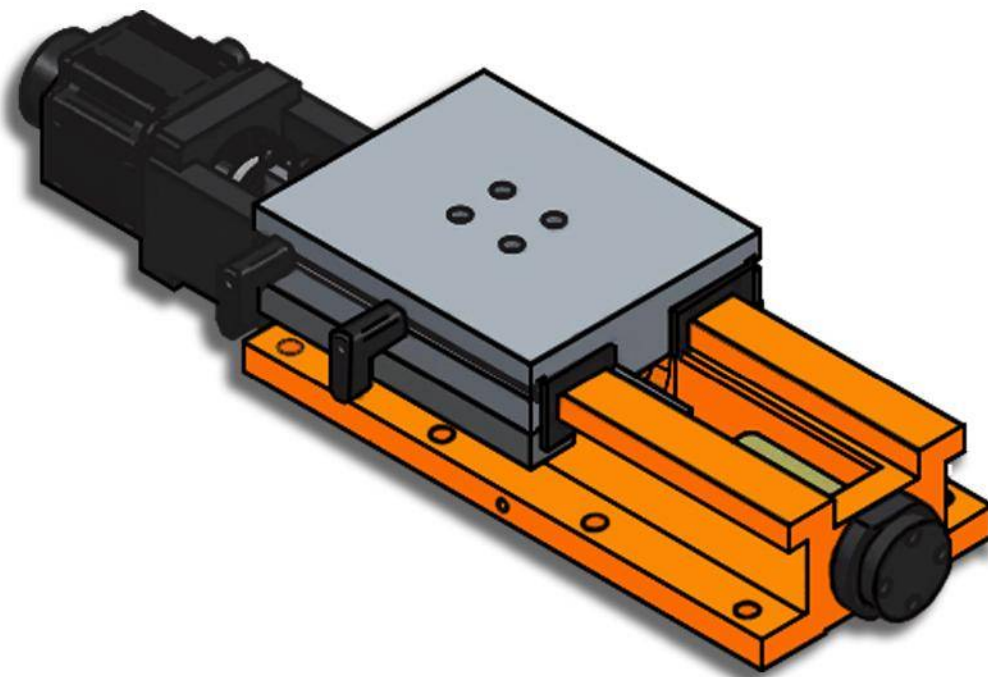
Characteristics & Dimensions

MODEL	BS250-300/560
Profile Width	250.00
A	300.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	240.00
System Total Weight (Kg)	90.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/560

Servo Slides With Hardness Guideways & Ball Screw







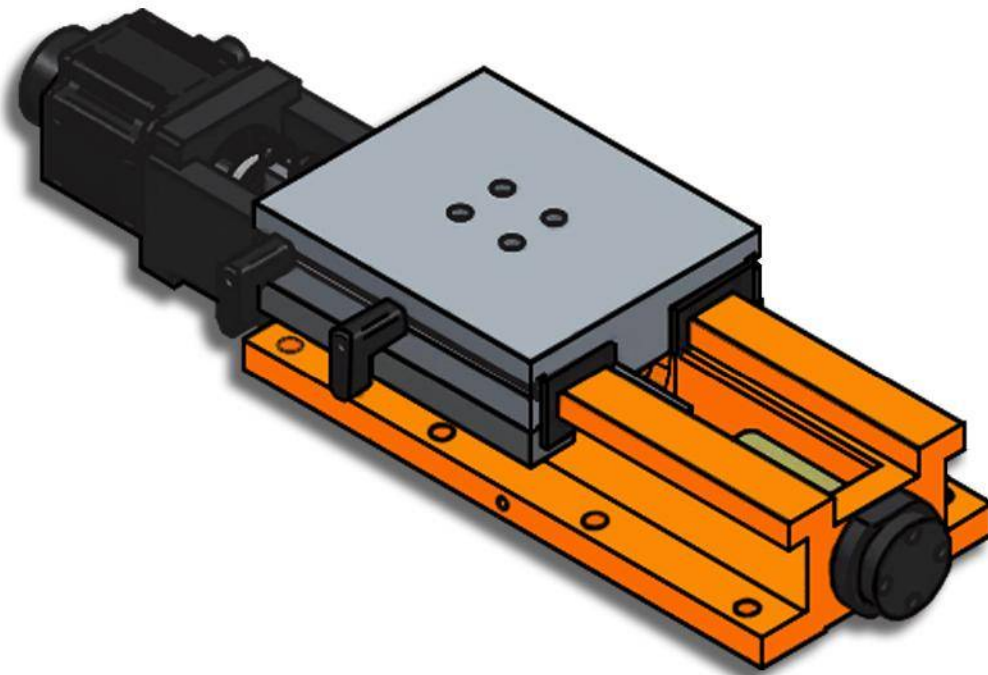
Characteristics & Dimensions

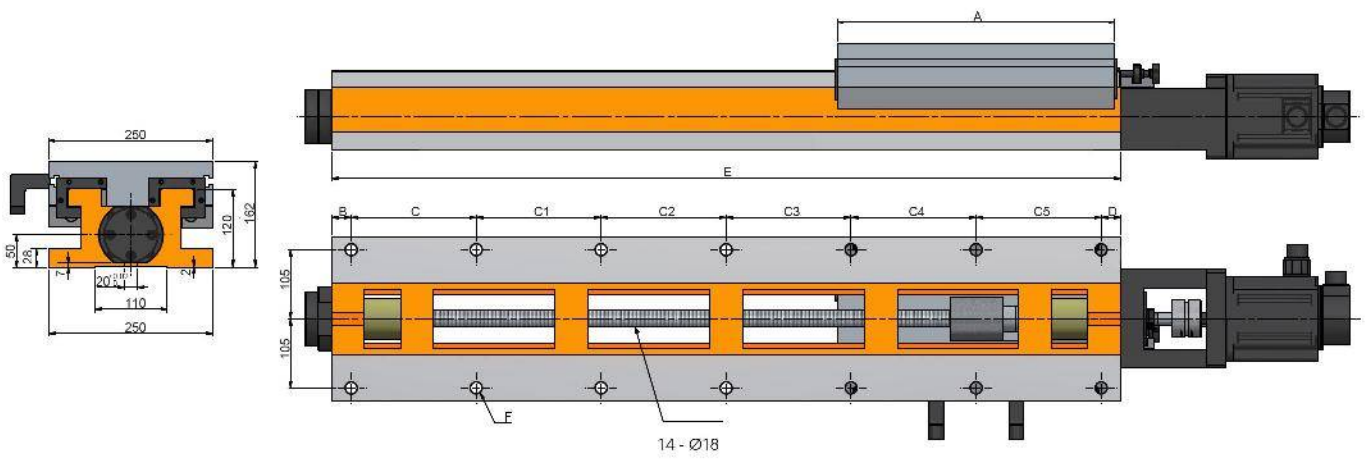
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C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	120.00
System Total Weight (Kg)	94.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS250-420/670

Servo Slides With Hardeness Guideways & Ball Screw







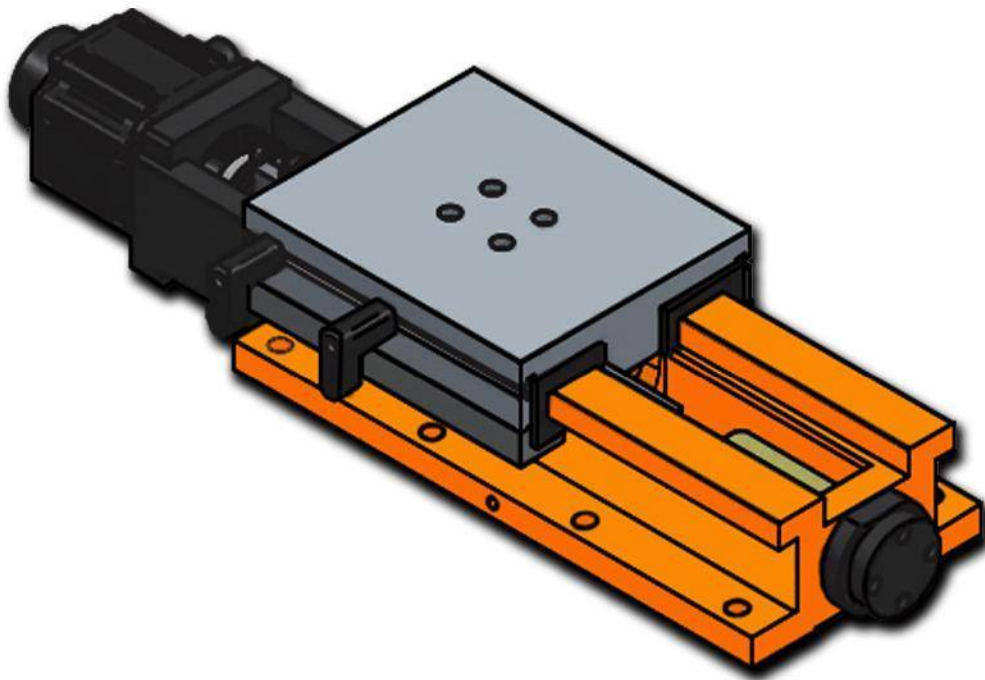
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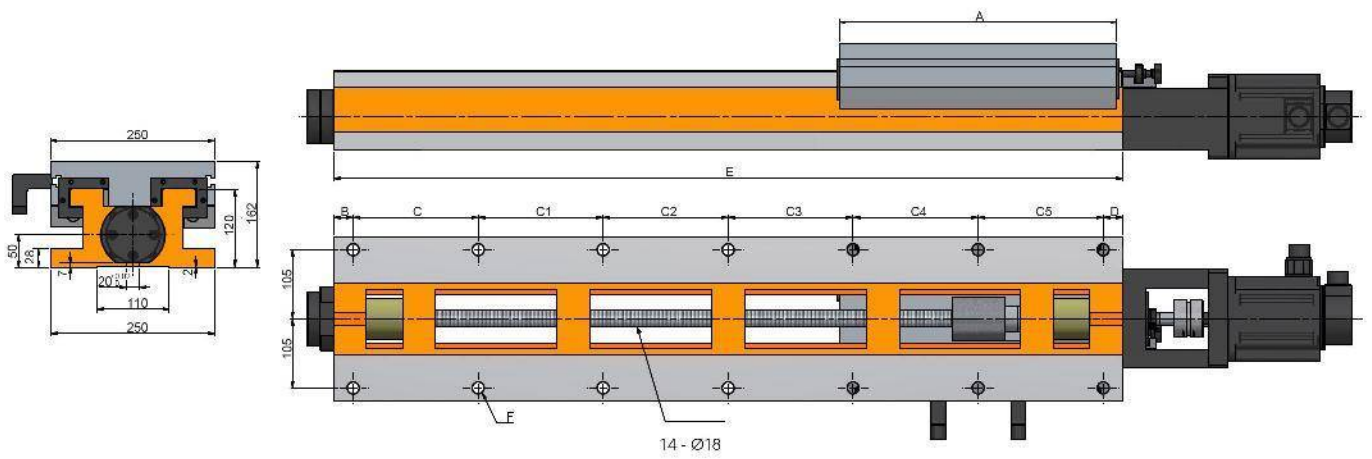
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C3	180.00
C4	-
C5	-
D	35.00
Profile Lenght	670.00
Lead Screw Pace	10 - Ø18
Total Stroke	230.00
System Total Weight (Kg)	110.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in milimeters.

BS250-420/750

Servo Slides With Hardness Guideways & Ball Screw





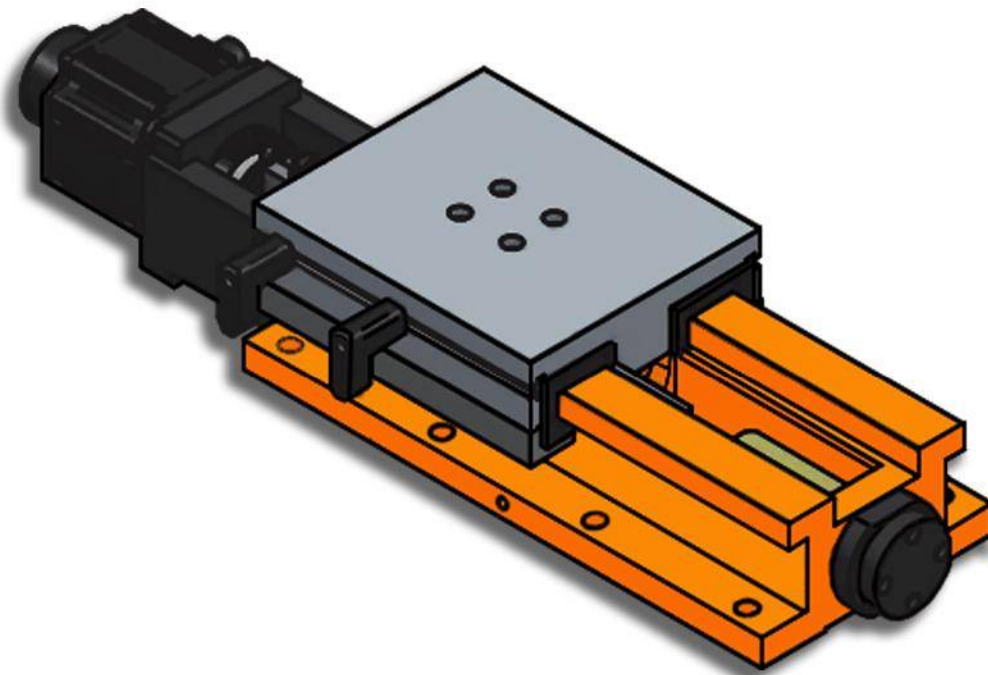
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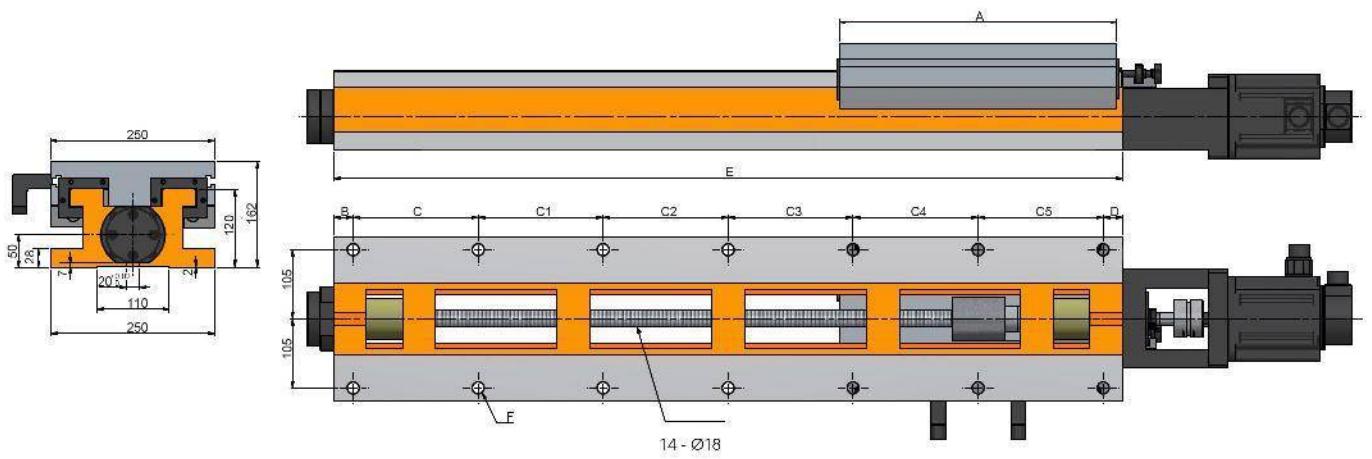
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C4	140.00
C5	-
D	25.00
Profile Length	750.00
Lead Screw Pitch	12 - Ø18
Total Stroke	310.00
System Total Weight (Kg)	130.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/940

Servo Slides With Hardness Guideways & Ball Screw





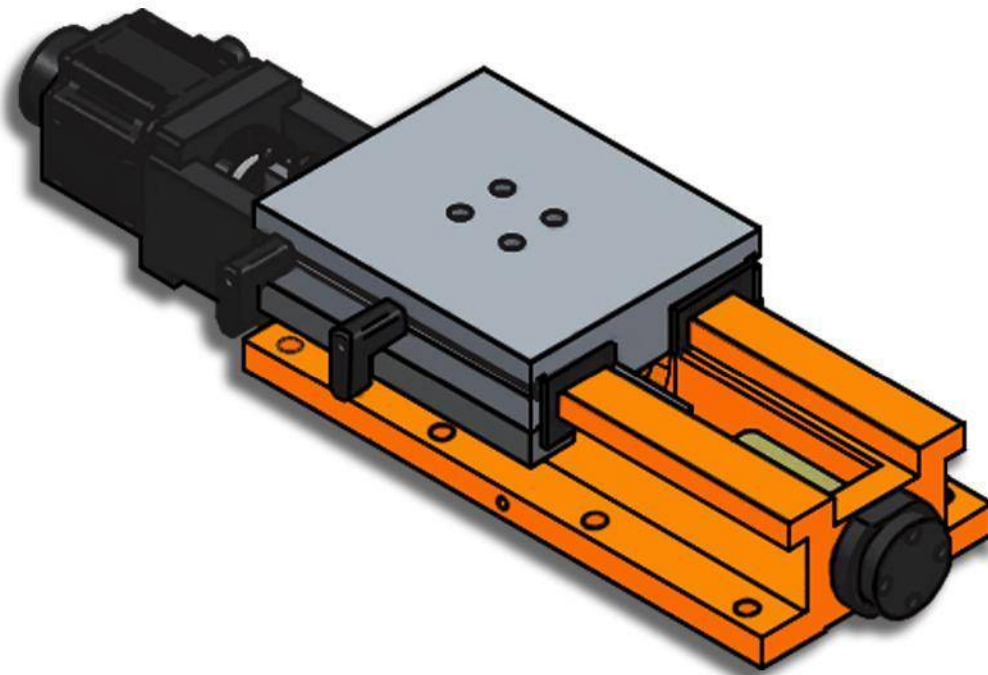
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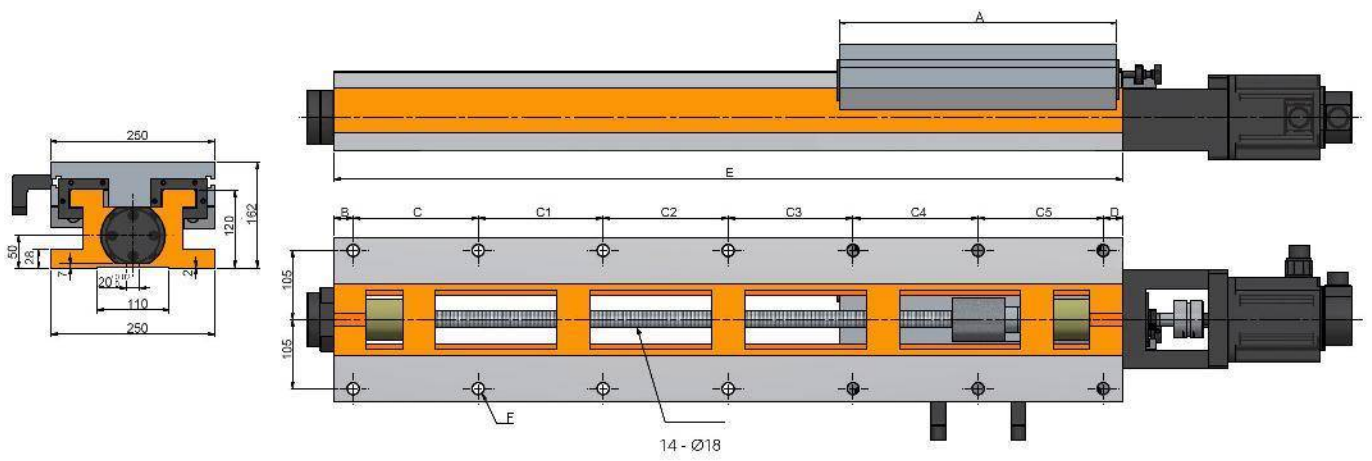
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C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	12 - Ø16
Total Stroke	500.00
System Total Weight (Kg)	155.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/1200

Servo Slides With Hardness Guideways & Ball Screw





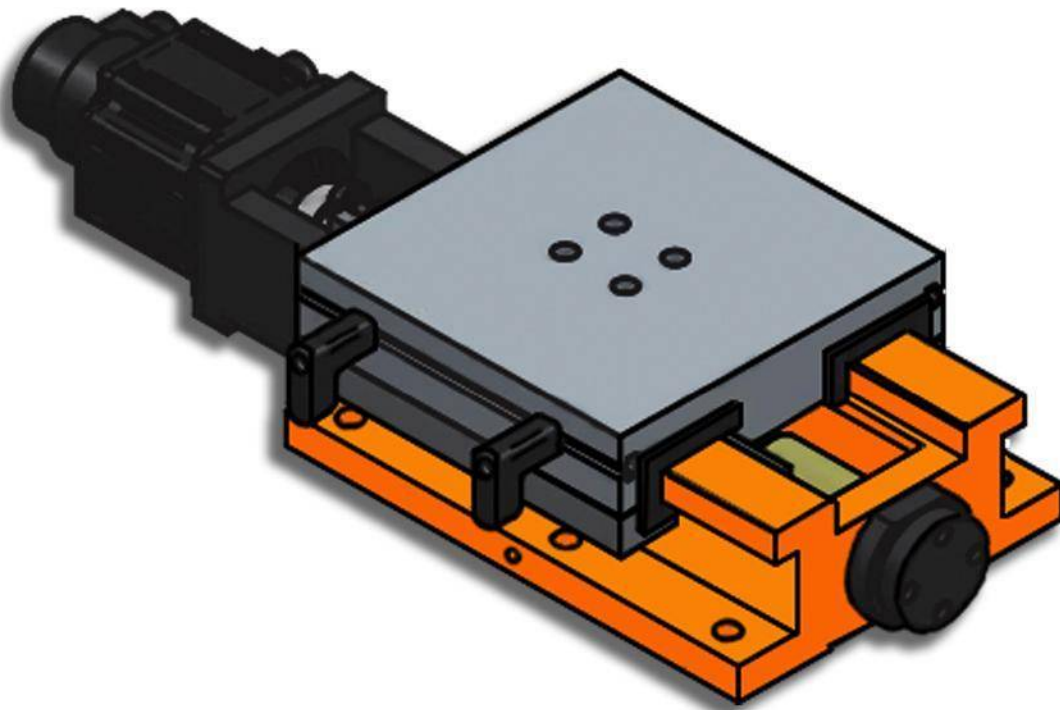
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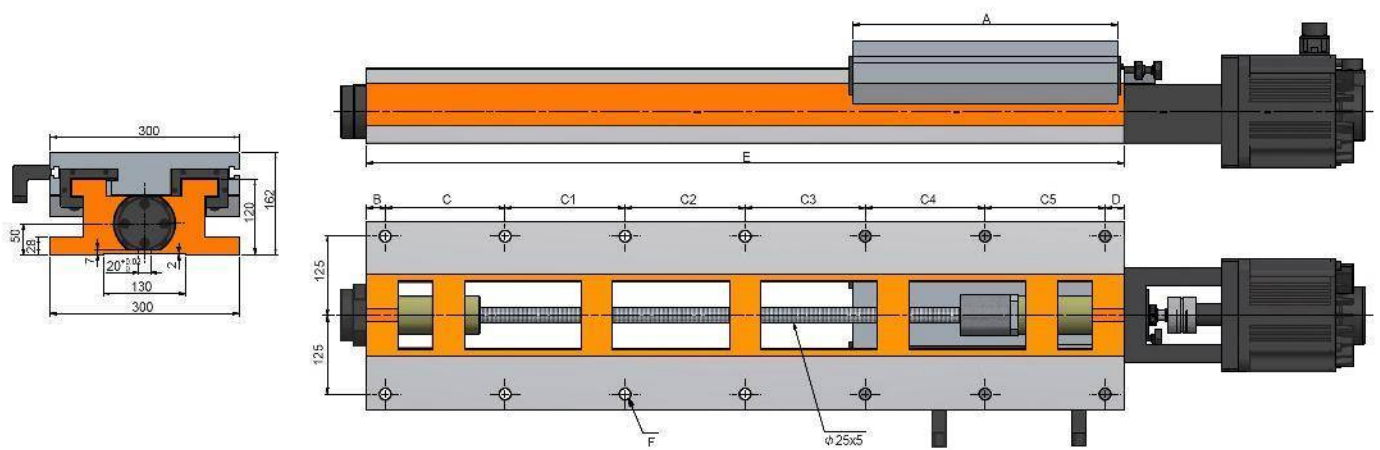
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C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	14 - Ø18
Total Stroke	760.00
System Total Weight (Kg)	192.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS300-300/420

Servo Slides With Hardness Guideways & Ball Screw





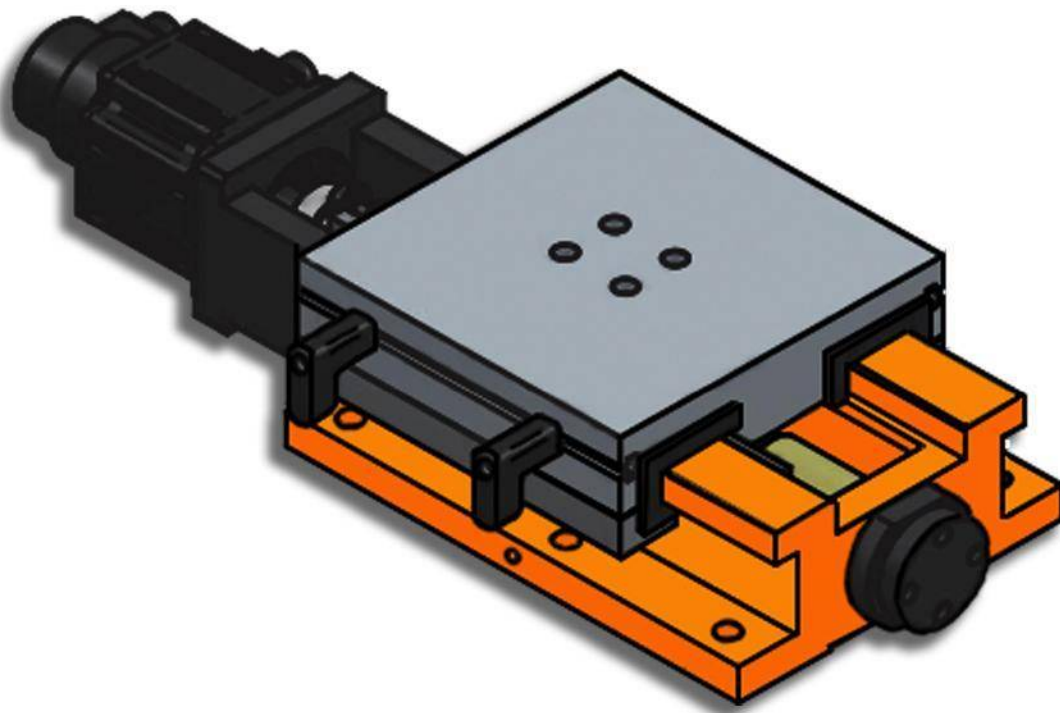
Characteristics & Dimensions

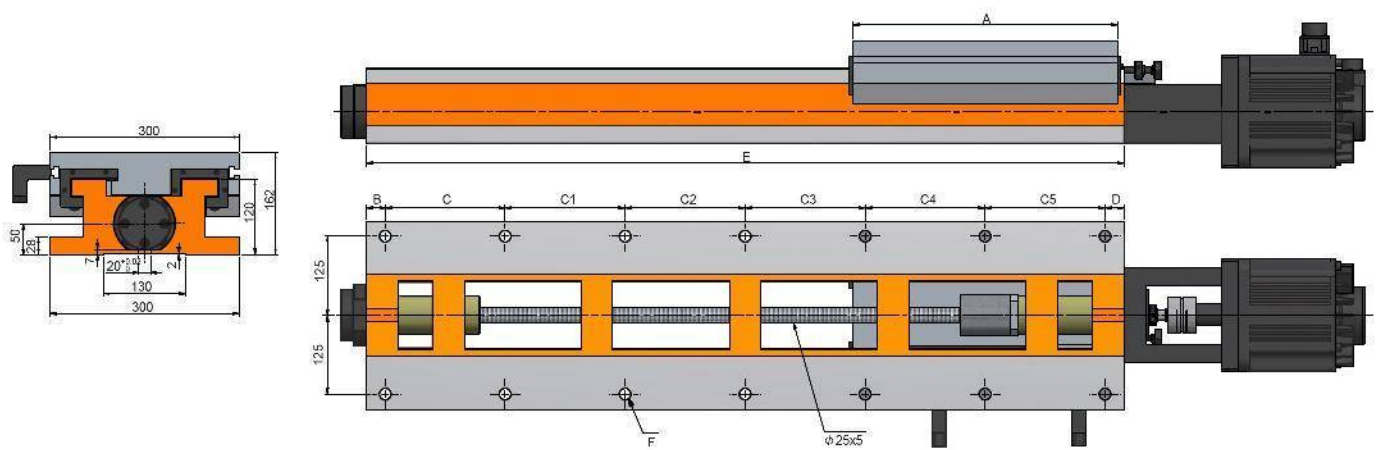
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C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
Profile Length	420.00
Lead Screw Pitch	100.00
Total Stroke	6 - Ø18
System Total Weight (Kg)	100.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-360/560

Servo Slides With Hardness Guideways & Ball Screw







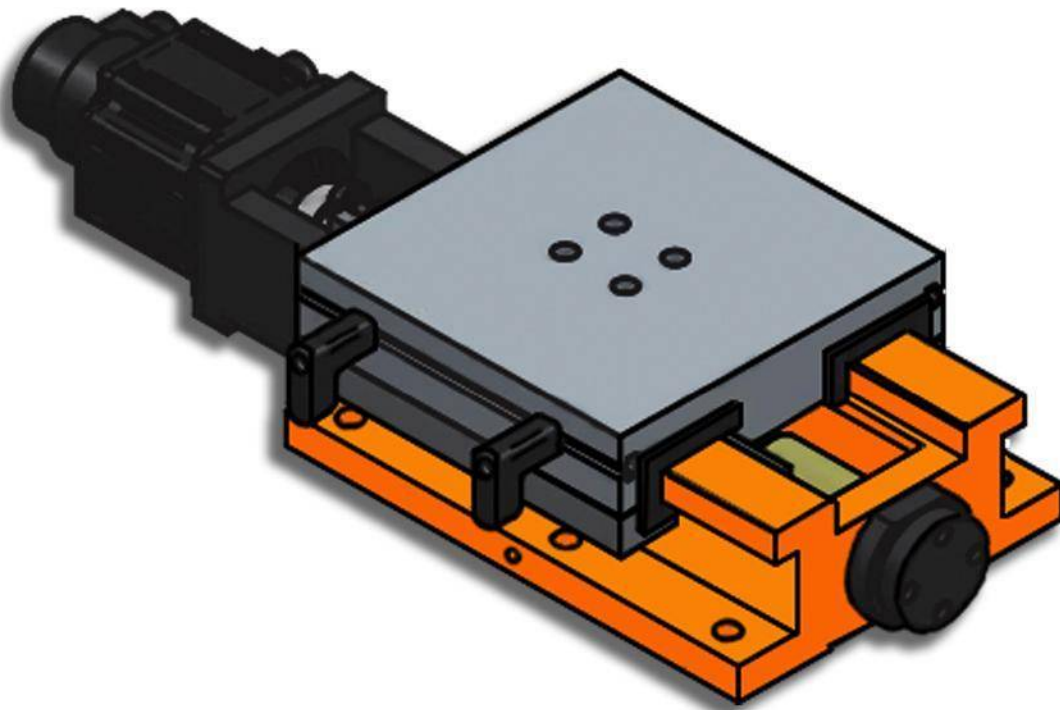
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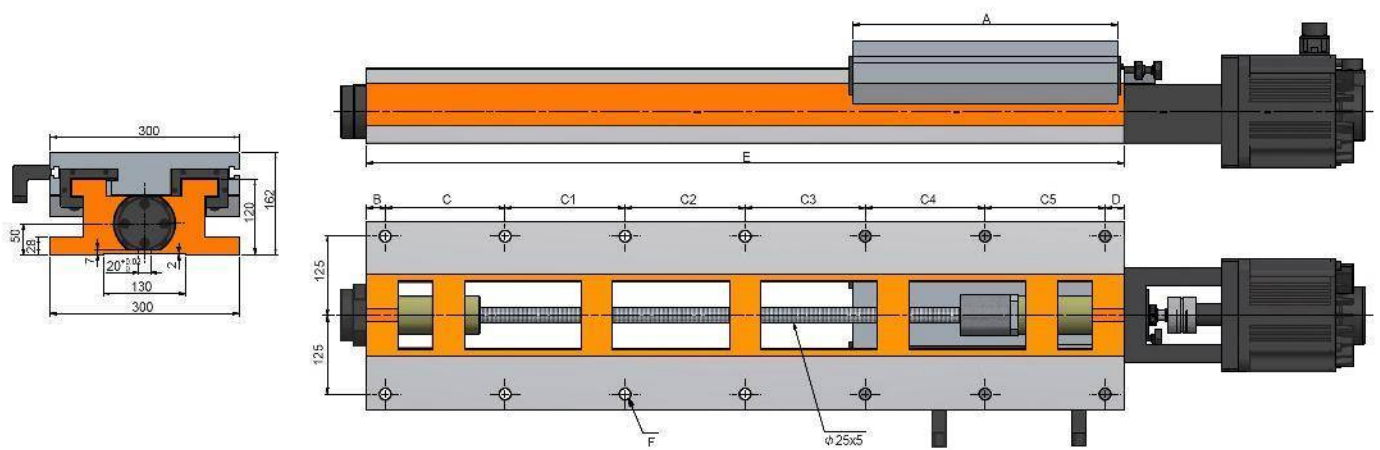
MODEL	BS300-360/560
Profile Width	300.00
A	360.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	180.00
Total Stroke	8 - Ø18
System Total Weight (Kg)	115.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS300-420/560

Servo Slides With Hardness Guideways & Ball Screw





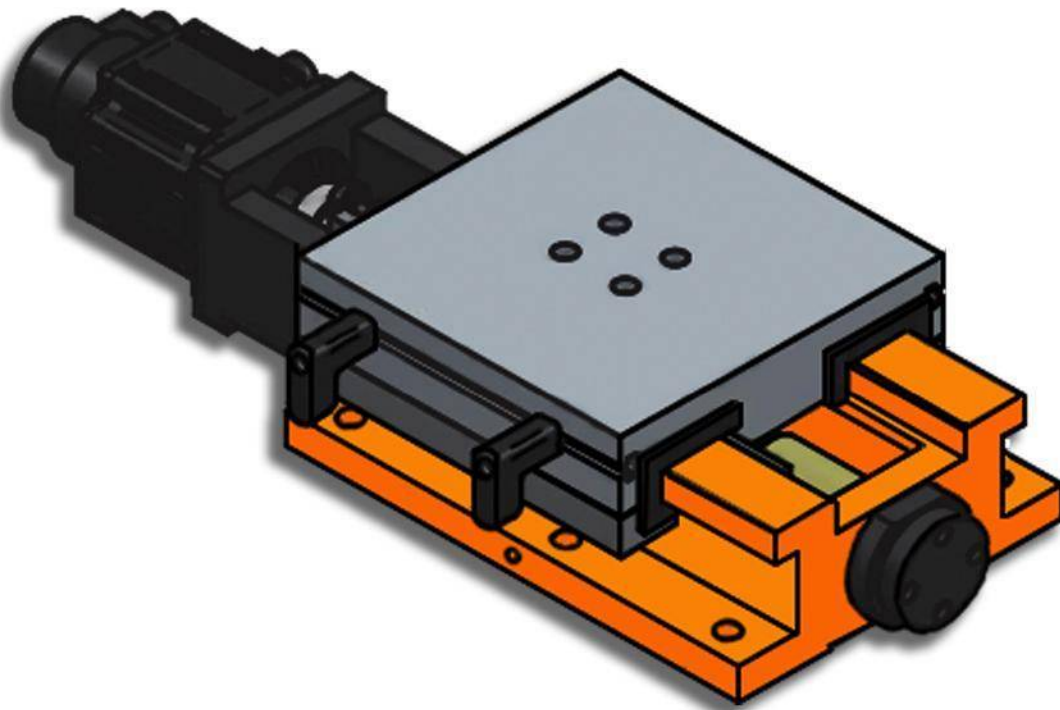
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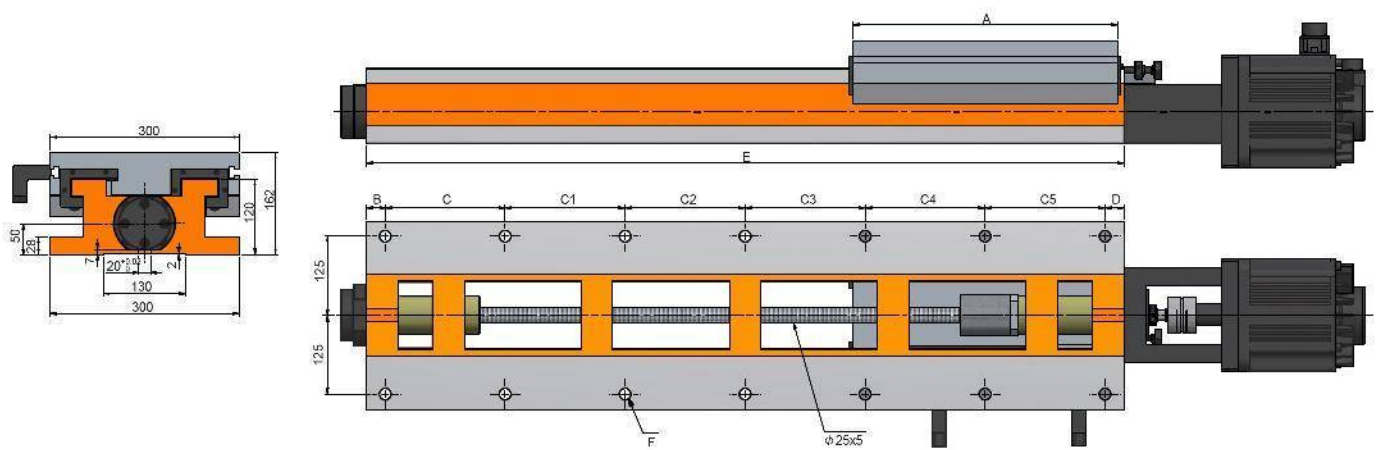
MODEL	BS300-420/560
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C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	120.00
Total Stroke	8 - Ø18
System Total Weight (Kg)	117.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/670

Servo Slides With
Hardness Guideways
& Ball Screw





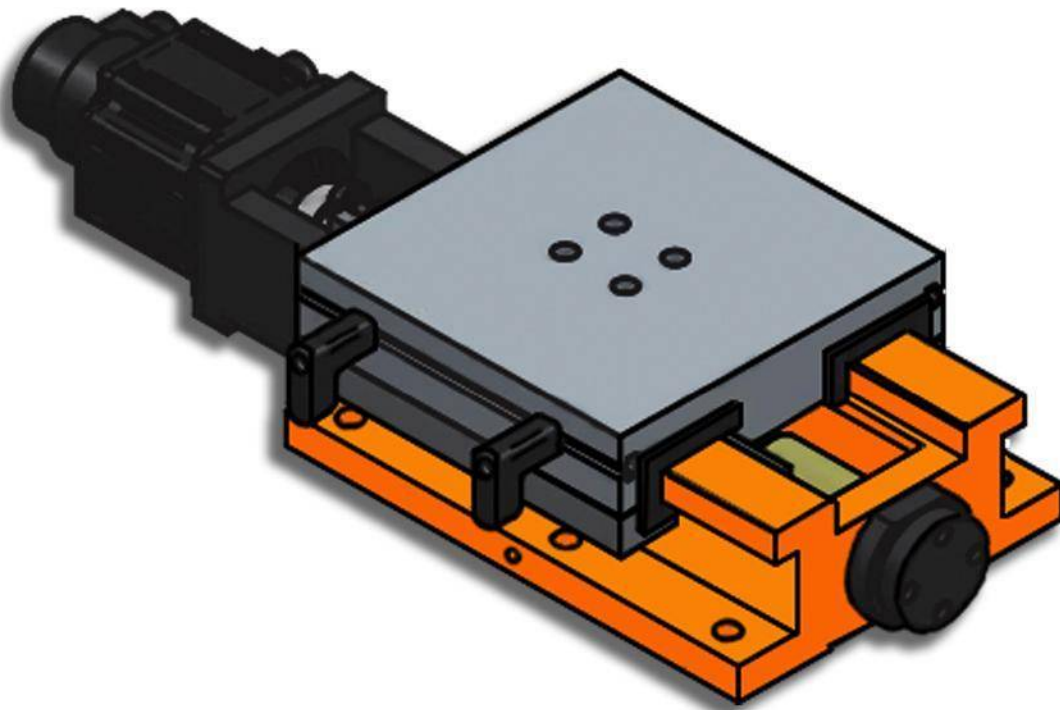
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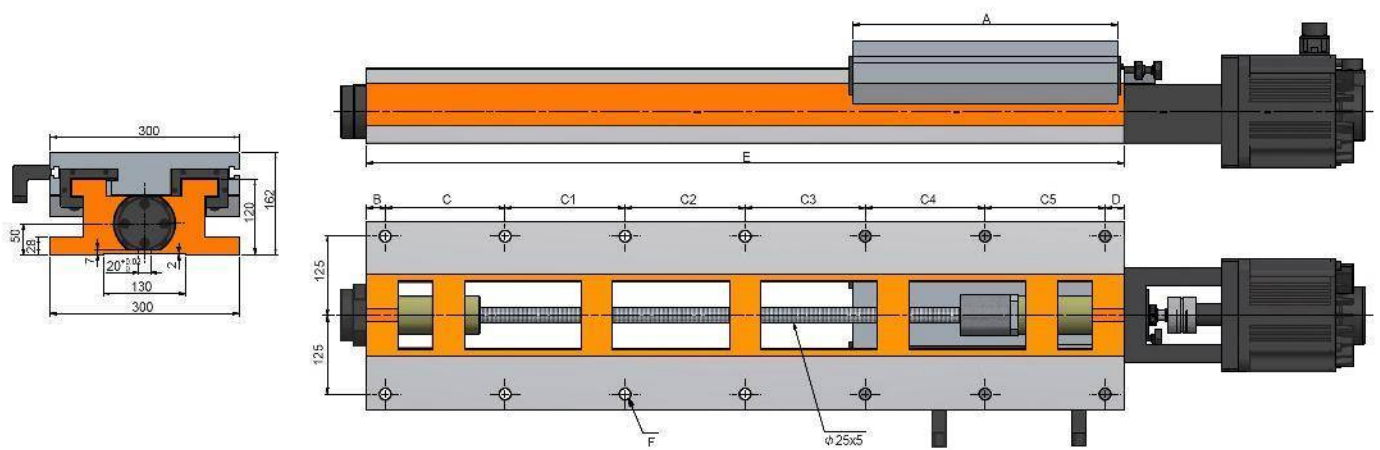
MODEL	BS300-420/670
Profile Width	300.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	230.00
Total Stroke	10 - Ø18
System Total Weight (Kg)	135.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/800

Servo Slides With Hardness Guideways & Ball Screw







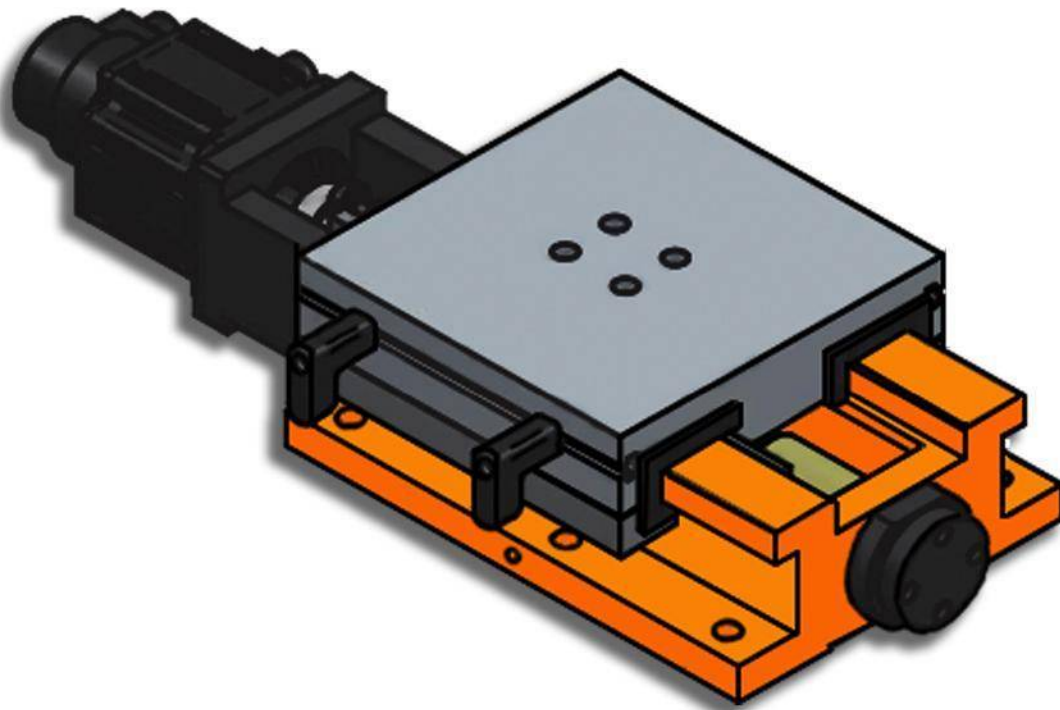
Characteristics & Dimensions

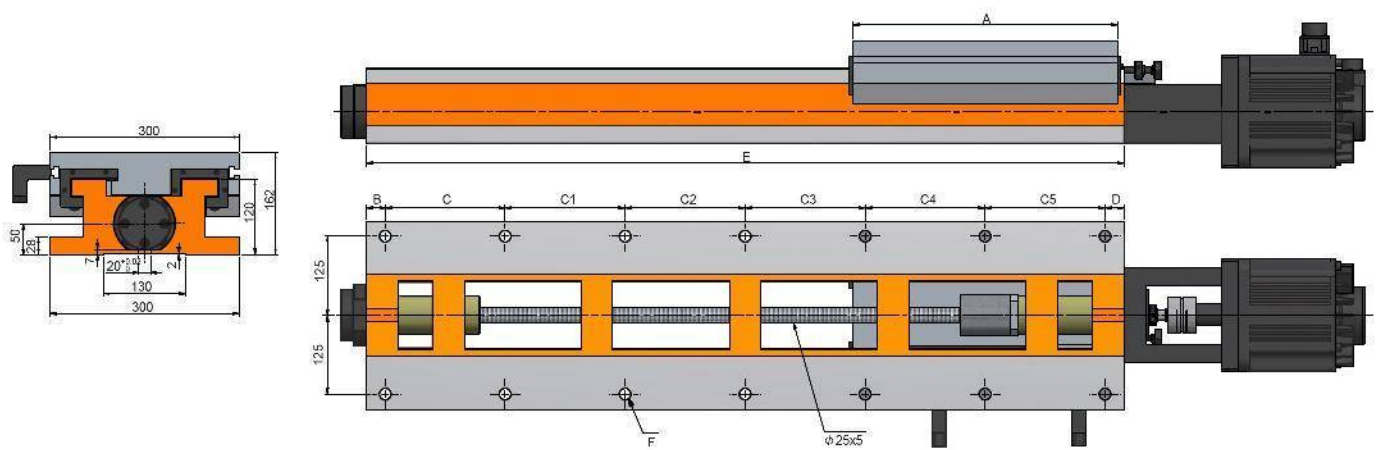
MODEL	BS300-420/800
Profile Width	300.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
Profile Length	800.00
Lead Screw Pitch	360.00
Total Stroke	12 - Ø18
System Total Weight (Kg)	185.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS300-420/940

Servo Slides With
Hardness Guideways
& Ball Screw







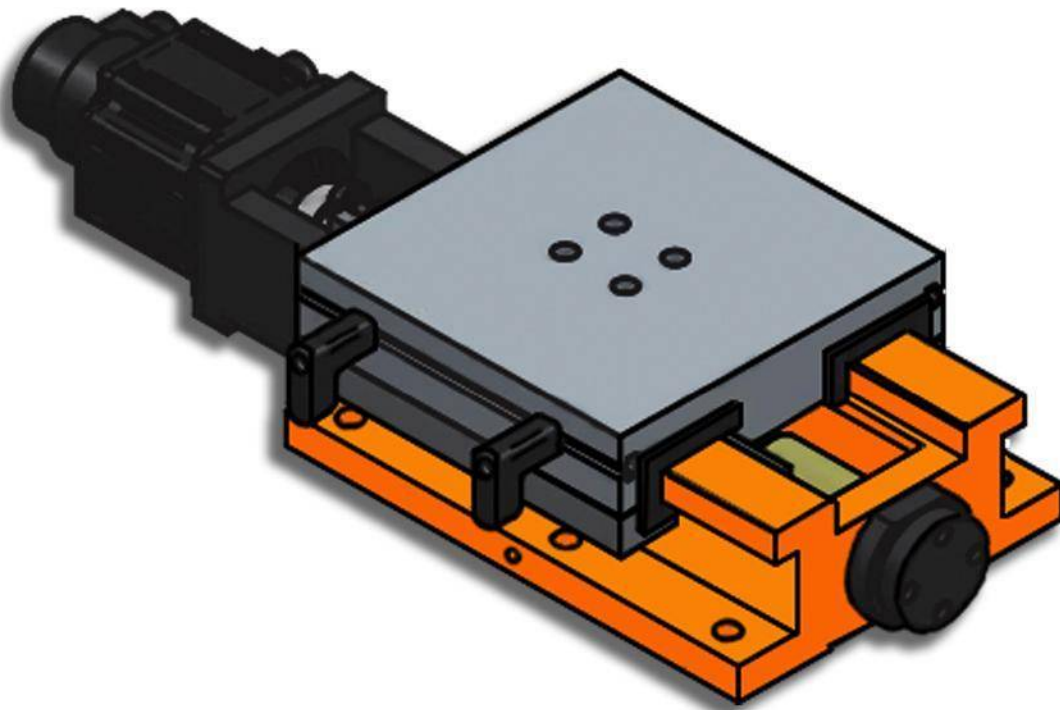
Characteristics & Dimensions

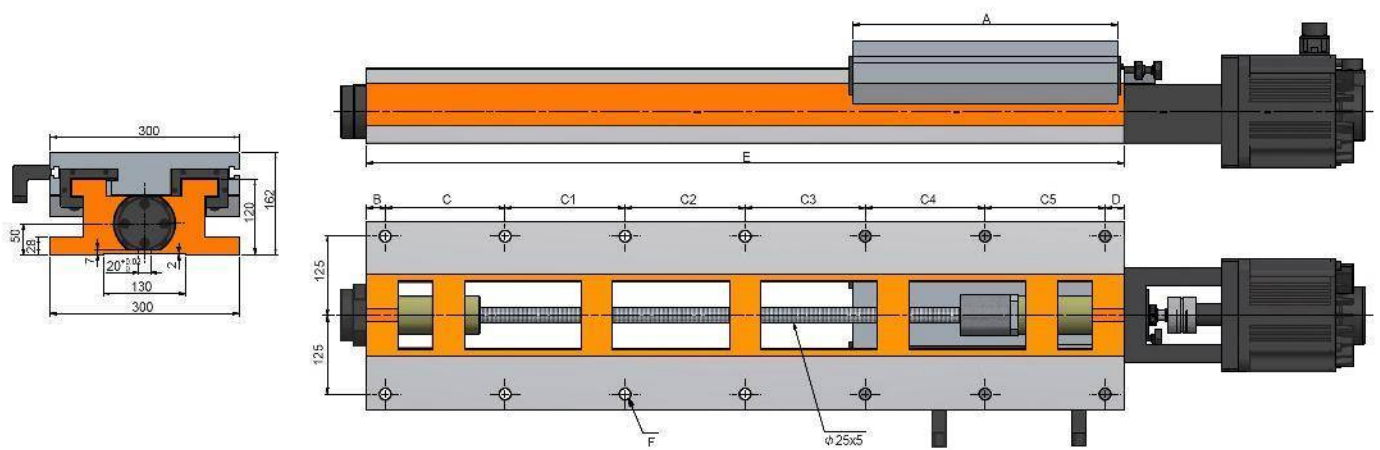
MODEL	BS300-420/940
Profile Width	300.00
A	420.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	500.00
Total Stroke	12 - Ø18
System Total Weight (Kg)	198.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS300-420/1200

Servo Slides With Hardness Guideways & Ball Screw





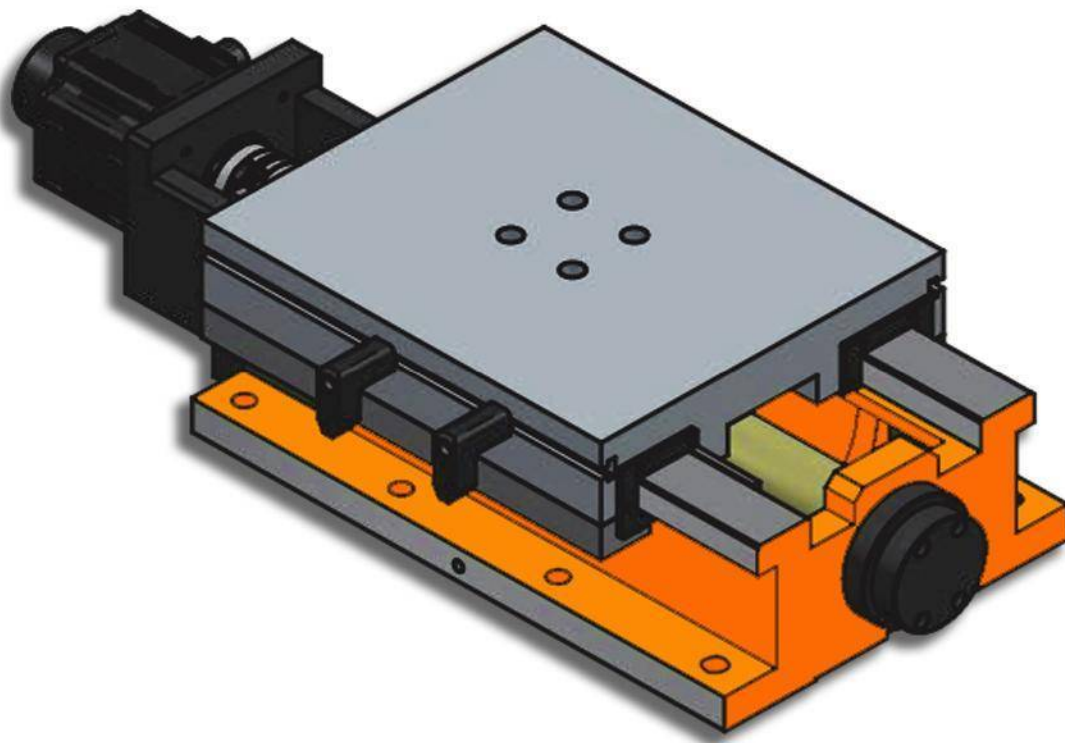
Characteristics & Dimensions

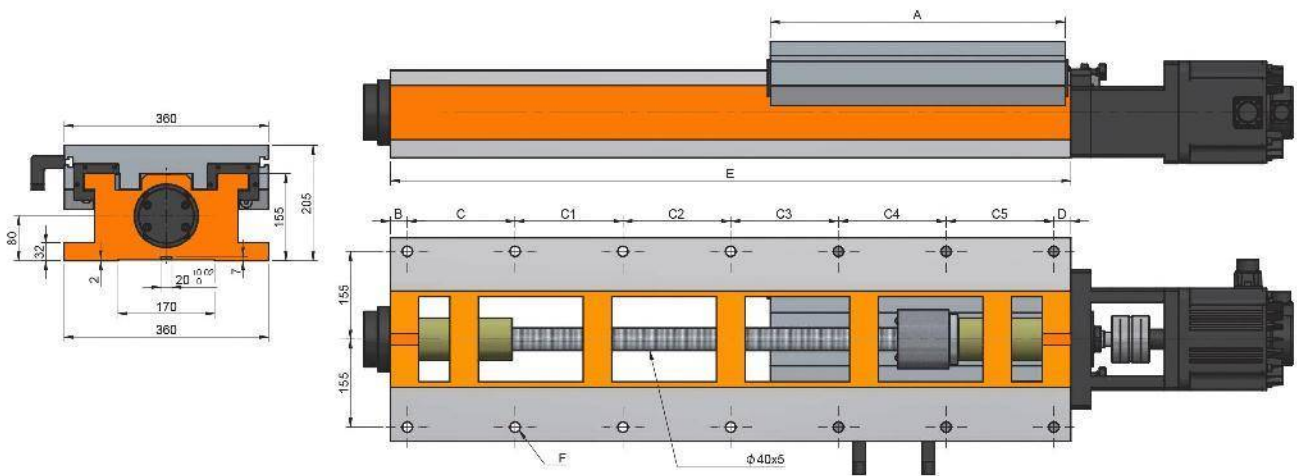
MODEL	BS300-420/1200
Profile Width	300.00
A	420.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	760.00
Total Stroke	14 - Ø18
System Total Weight (Kg)	210.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS360-360/560

Servo Corredera Con Guías Templadas Y Tornillo Embalado





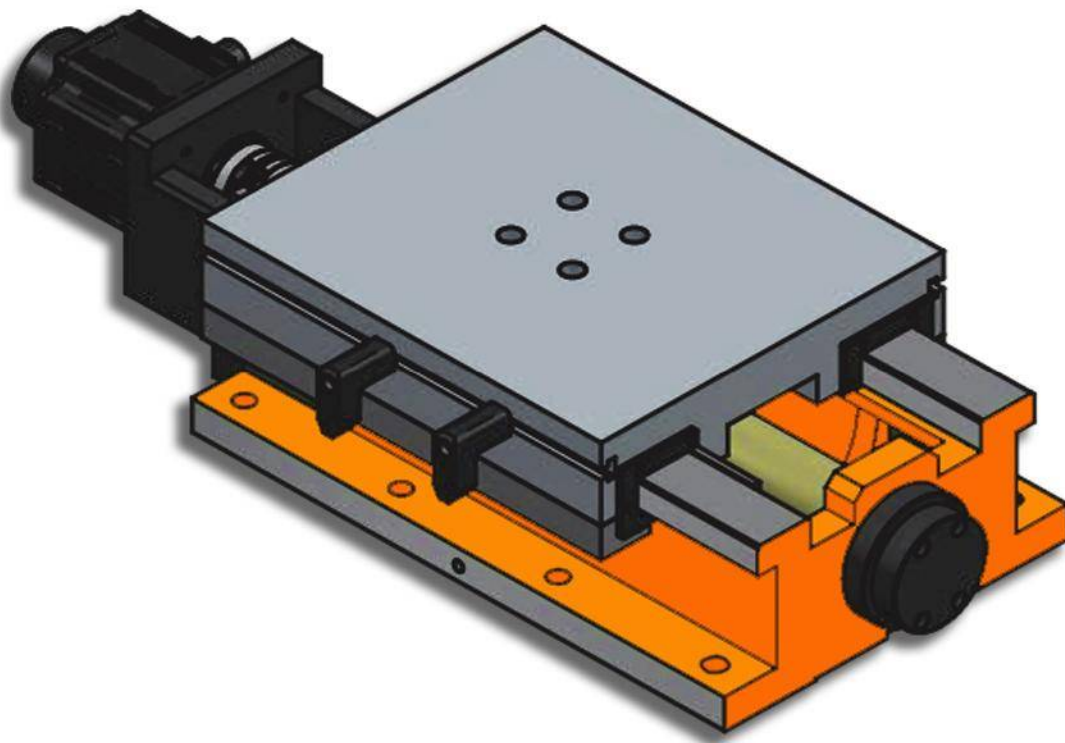
Characteristics & Dimensions

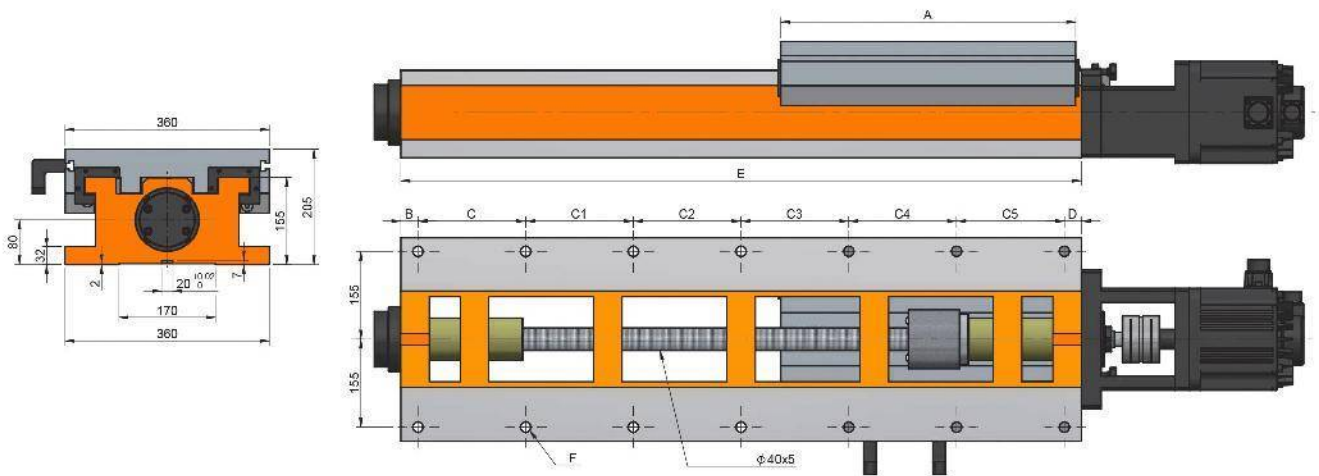
MODEL	BS360-360/560
Profile Width	360.00
A	360.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	180.00
System Total Weight (Kg)	167.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS360-420/560

Servo Slides With Hardness Guideways & Ball Screw





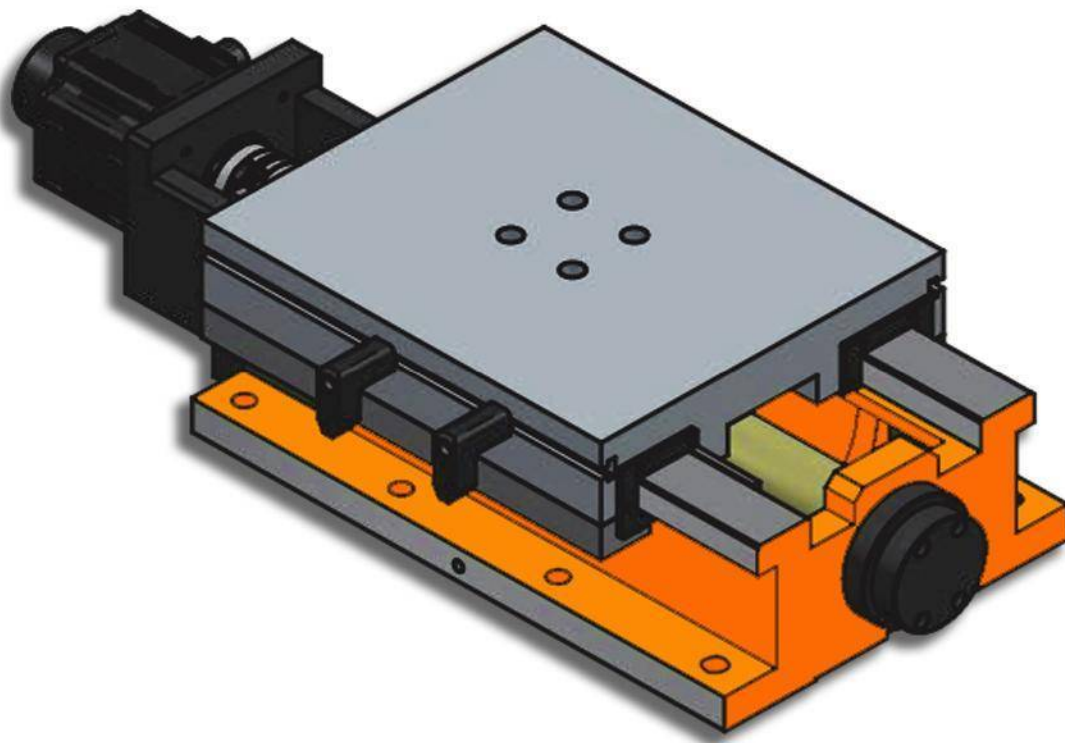
Characteristics & Dimensions

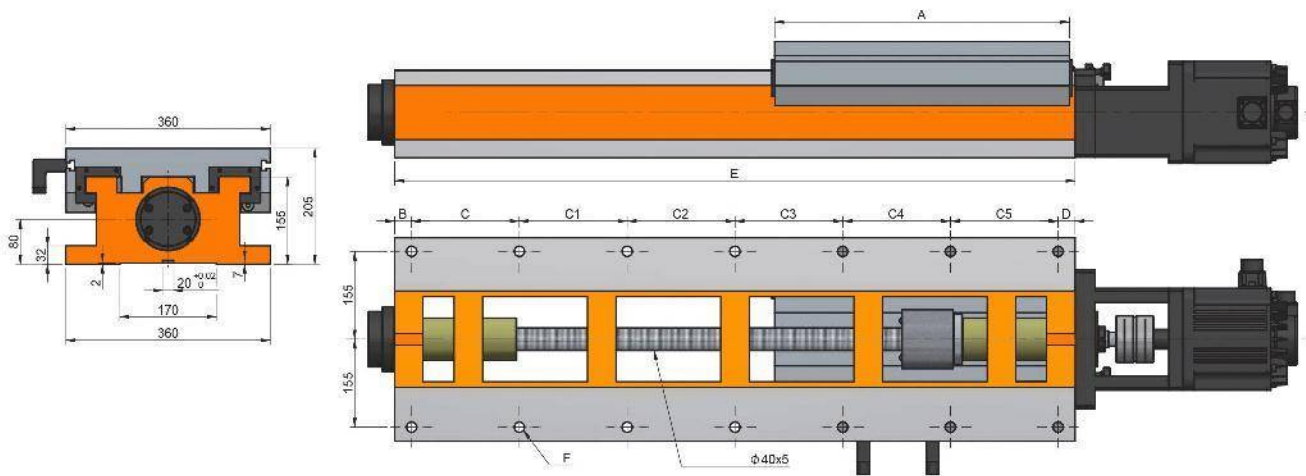
MODEL	BS360-420/560
Ancho Del Perfil	360.00
A	420.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Longitud Del Perfil	560.00
Paso Del Tornillo Patrón	8 - Ø18
Carrera Total	120.00
Peso Total Del Sistema (Kg)	171.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in milimeters.

BS360-420/670

Servo Slides With Hardness Guideways & Ball Screw





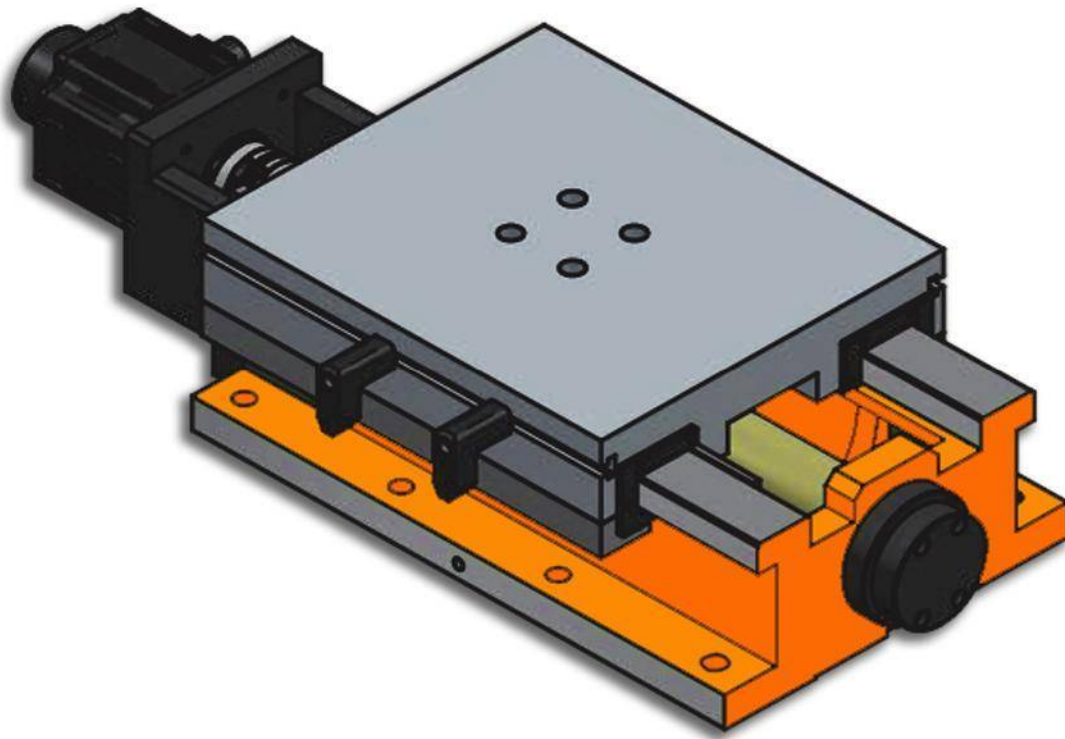
Characteristics & Dimensions

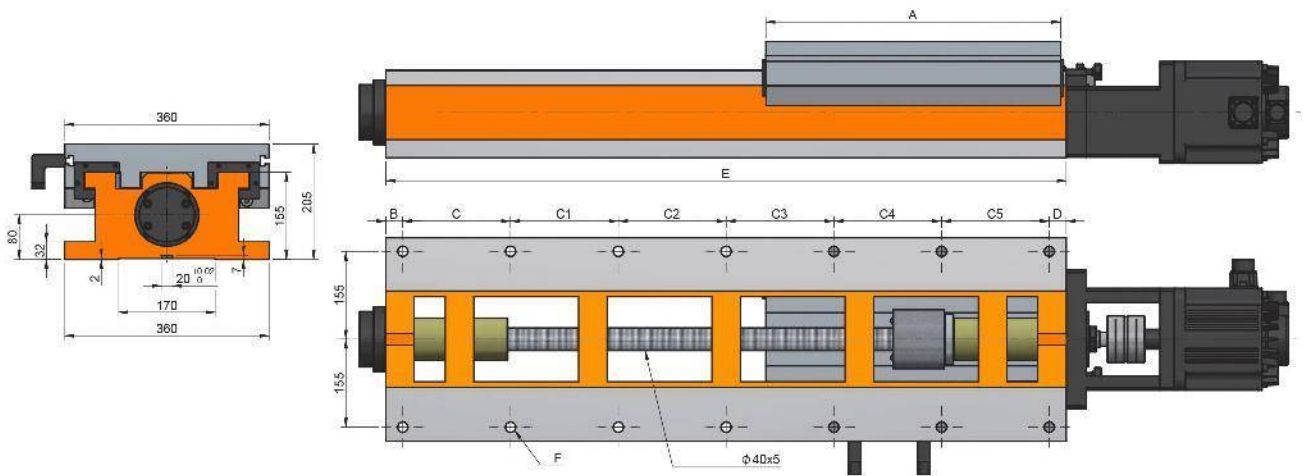
MODEL	BS360-420/670
Profile Width	360.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	10 - Ø18
Total Stroke	230.00
System Total Weight (Kg)	192.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS360-420/800

Servo Slides With Hardness Guideways & Ball Screw





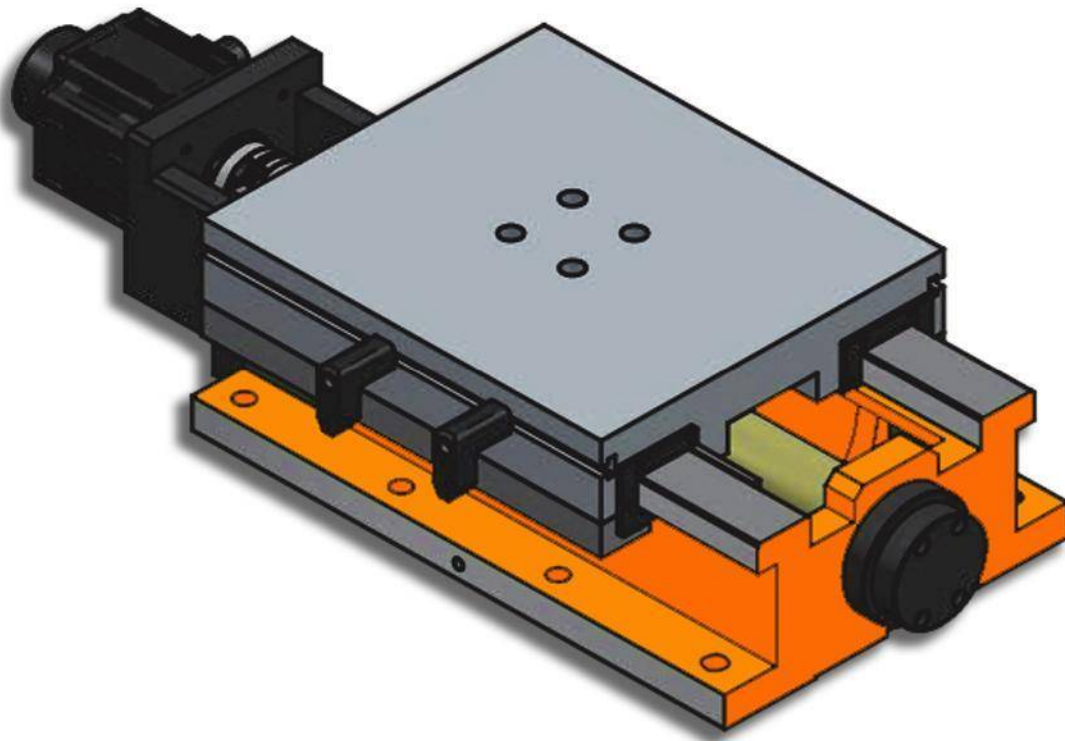
Characteristics & Dimensions

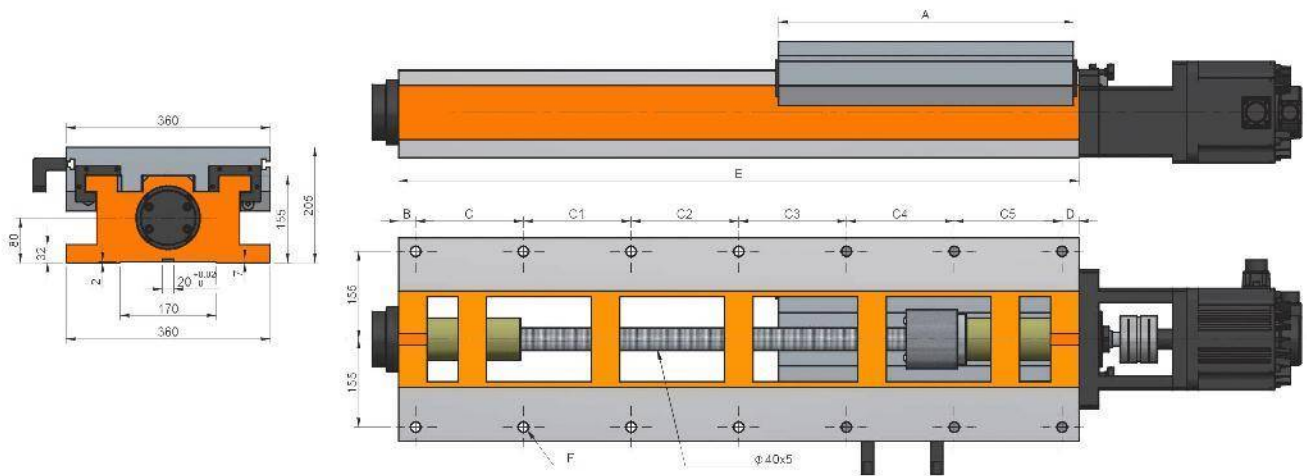
MODEL	BS360-420/800
Profile Width	360.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
Profile Length	800.00
Lead Screw Pitch	12 - Ø18
Total Stroke	360.00
System Total Weight (Kg)	207.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS360-520/800

Servo Slides With Hardness Guideways & Ball Screw







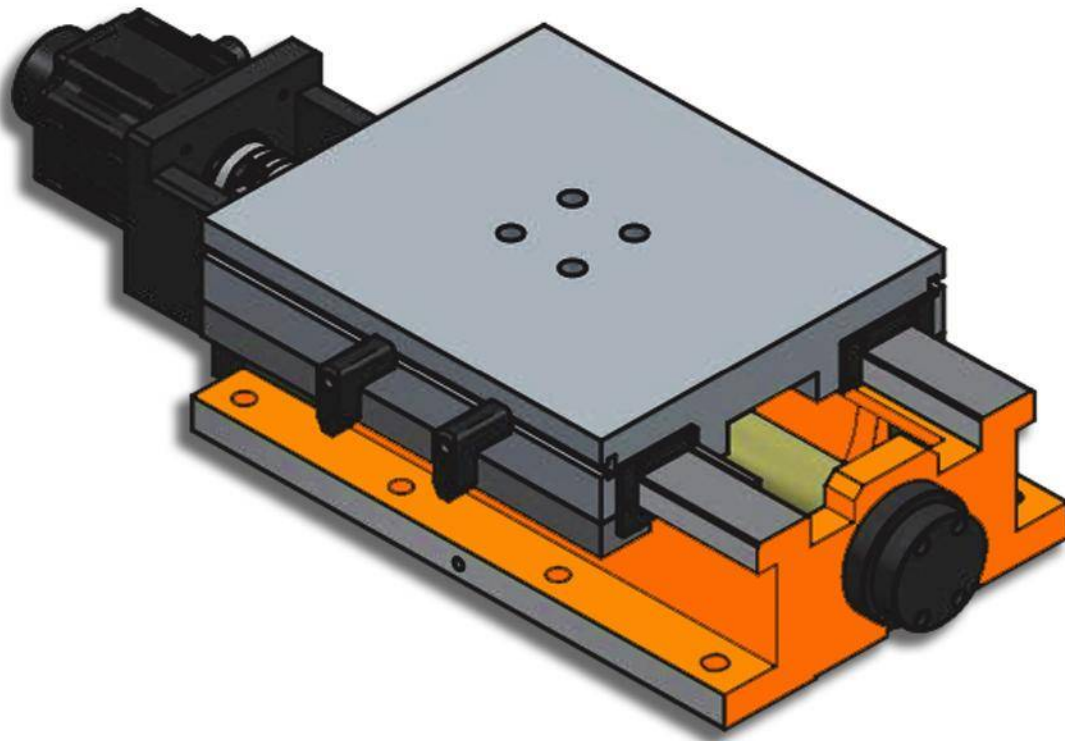
Characteristics & Dimensions

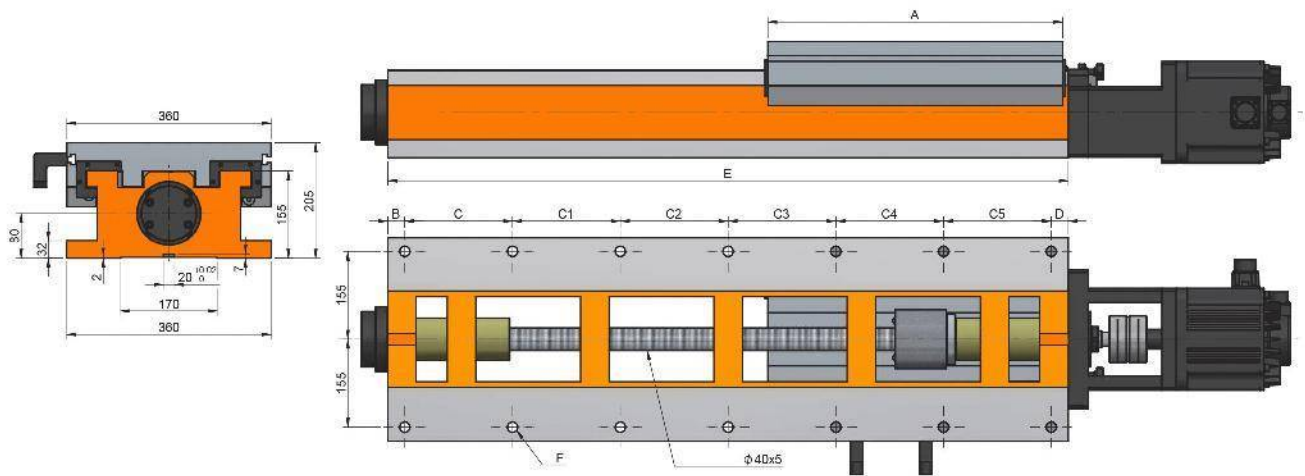
MODEL	BS360-520/800
Profile Width	360.00
A	520.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
Profile Length	800.00
Lead Screw Pitch	12 - Ø18
Total Stroke	260.00
System Total Weight (Kg)	212.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS360-520/940

Servo Slides With Hardness Guideways & Ball Screw





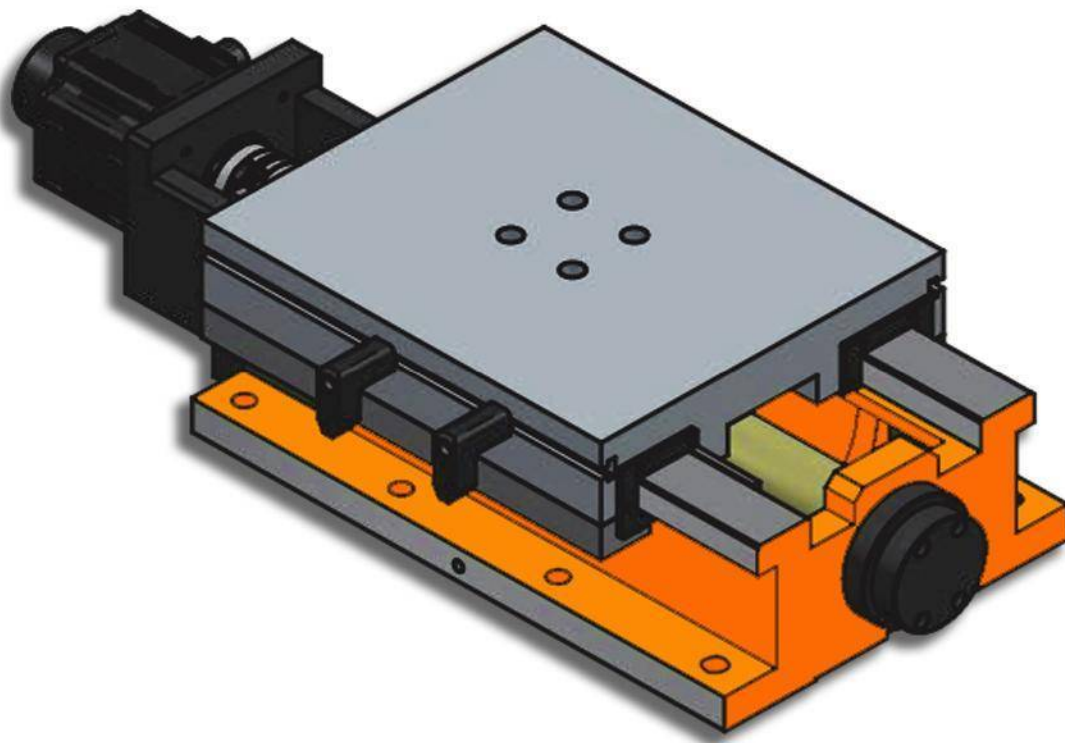
Characteristics & Dimensions

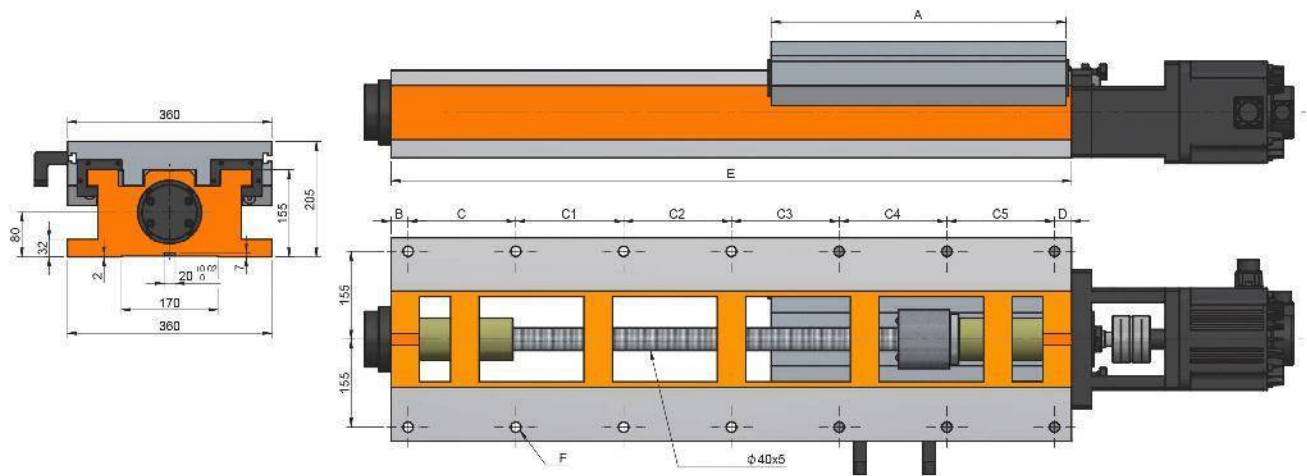
MODEL	BS360-520/940
Profile Width	360.00
A	530.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	12 - Ø18
Total Stroke	400.00
System Total Weight (Kg)	227.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS360-600/1200

Servo Slides With Hardness Guideways & Ball Screw







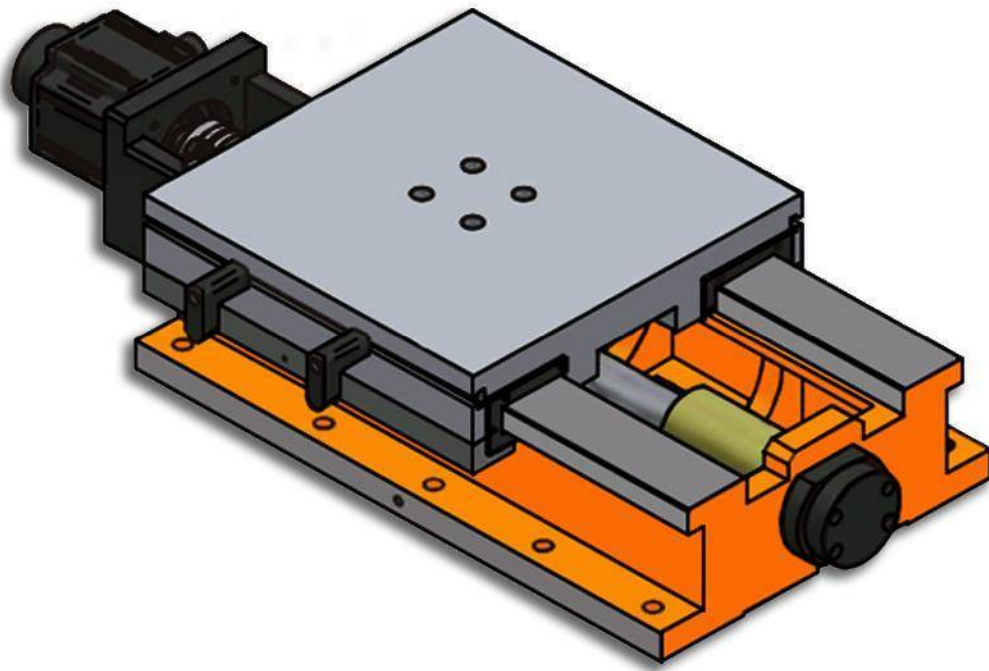
Characteristics & Dimensions

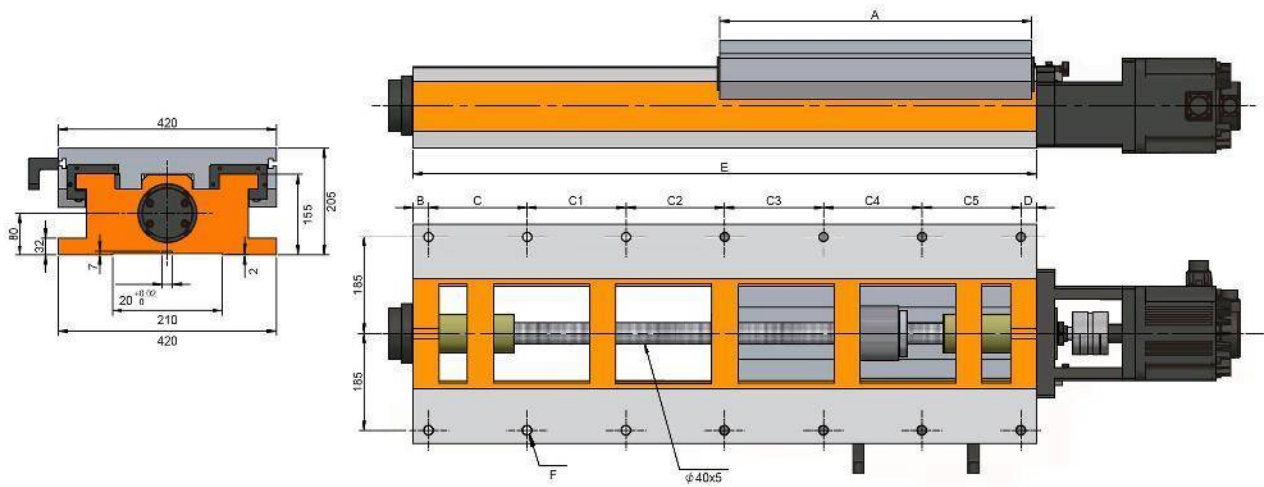
MODEL	BS360-600/1200
Profile Width	360.00
A	600.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	14 - Ø18
Total Stroke	580.00
System Total Weight (Kg)	273.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in millimeters.

BS420-420/560

Servo Slides With
Hardness Guideways
& Ball Screw





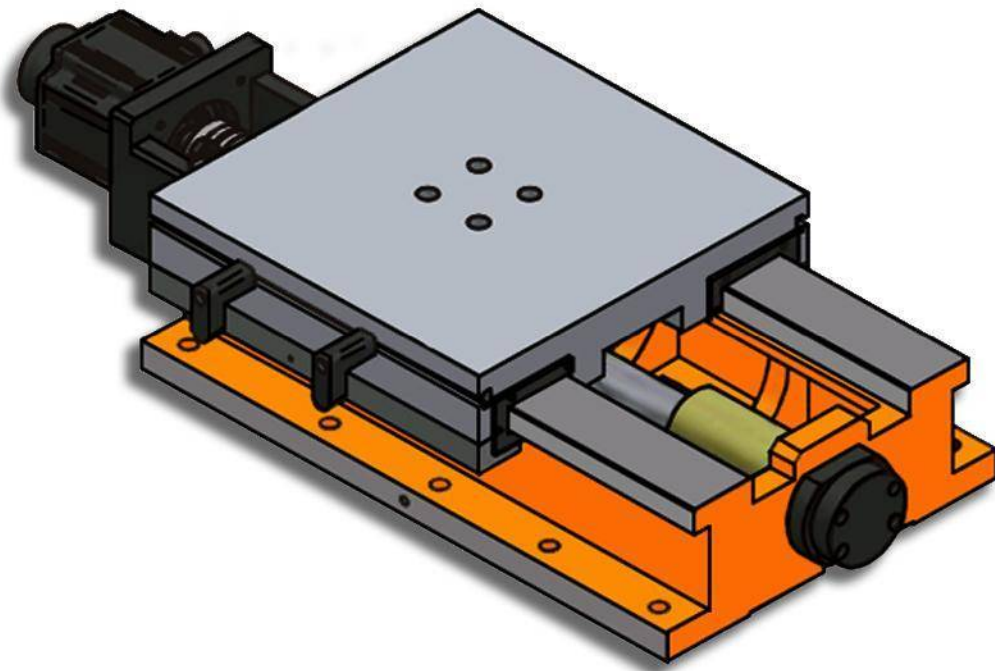
Characteristics & Dimensions

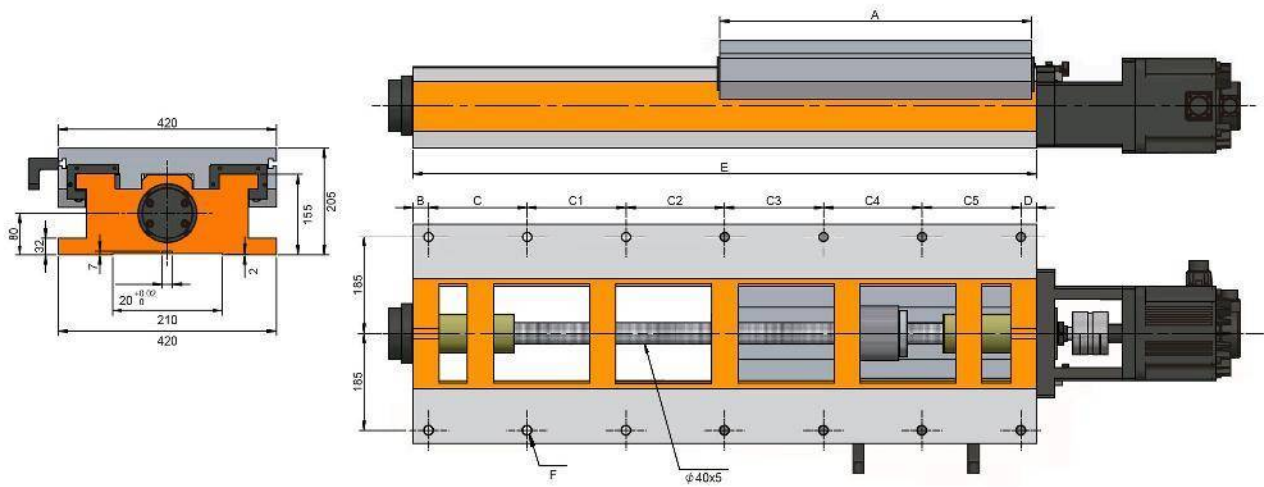
MODEL	BS420-420/560
Profile Width	420.00
A	420.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	120.00
System Total Weight (Kg)	221.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS420-420/670

Servo Slides With
Hardness Guideways
& Ball Screw





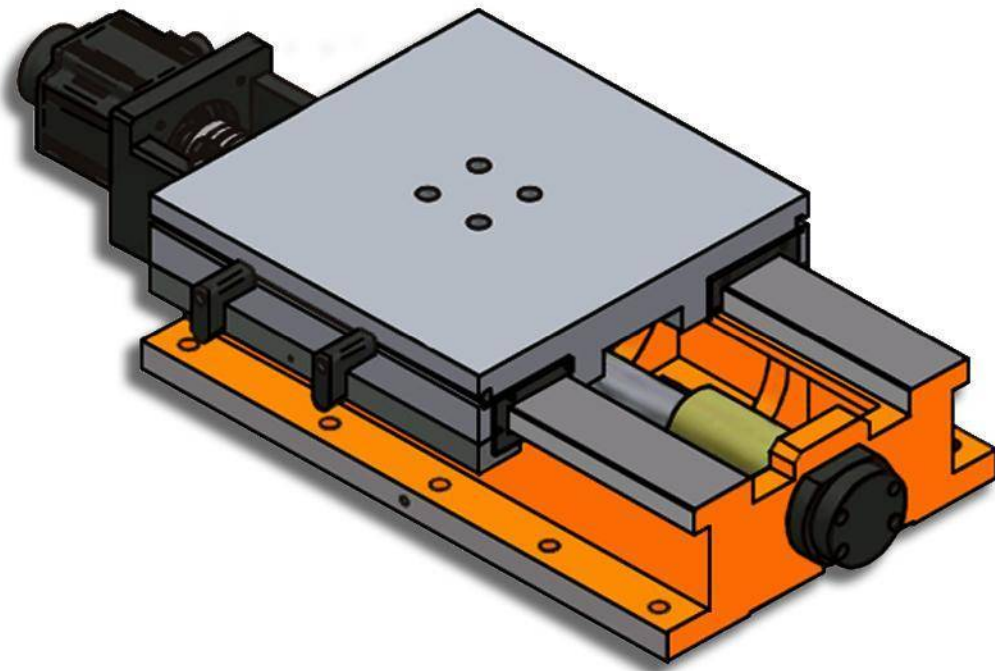
Characteristics & Dimensions

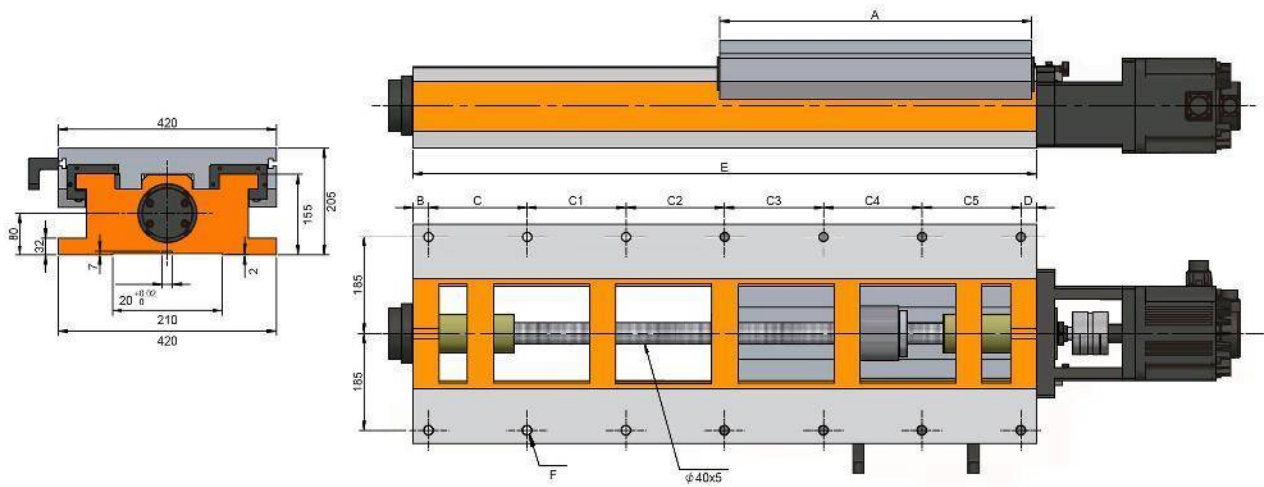
MODEL	BS420-420/670
Profile Width	420.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	10 - Ø18
Total Stroke	230.00
System Total Weight (Kg)	230.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS420-520/940

Servo Slides With Hardness Guideways & Ball Screw





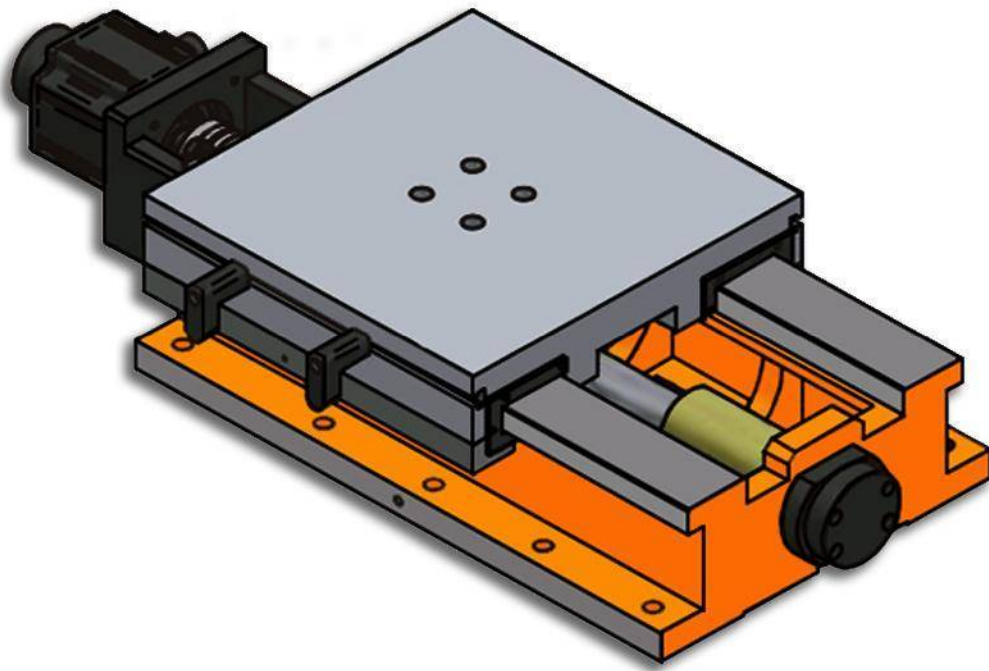
Characteristics & Dimensions

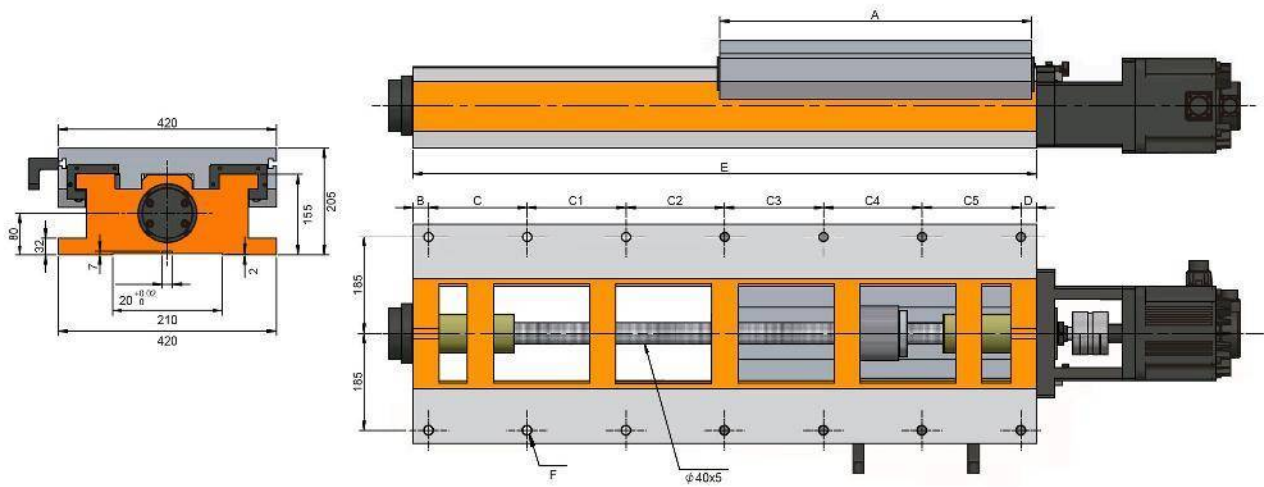
MODEL	BS420-520/940
Profile Width	420.00
A	520.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	12 - Ø18
Total Stroke	400.00
System Total Weight (Kg)	292.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS420-600/1200

Servo Slides With Hardness Guideways & Ball Screw





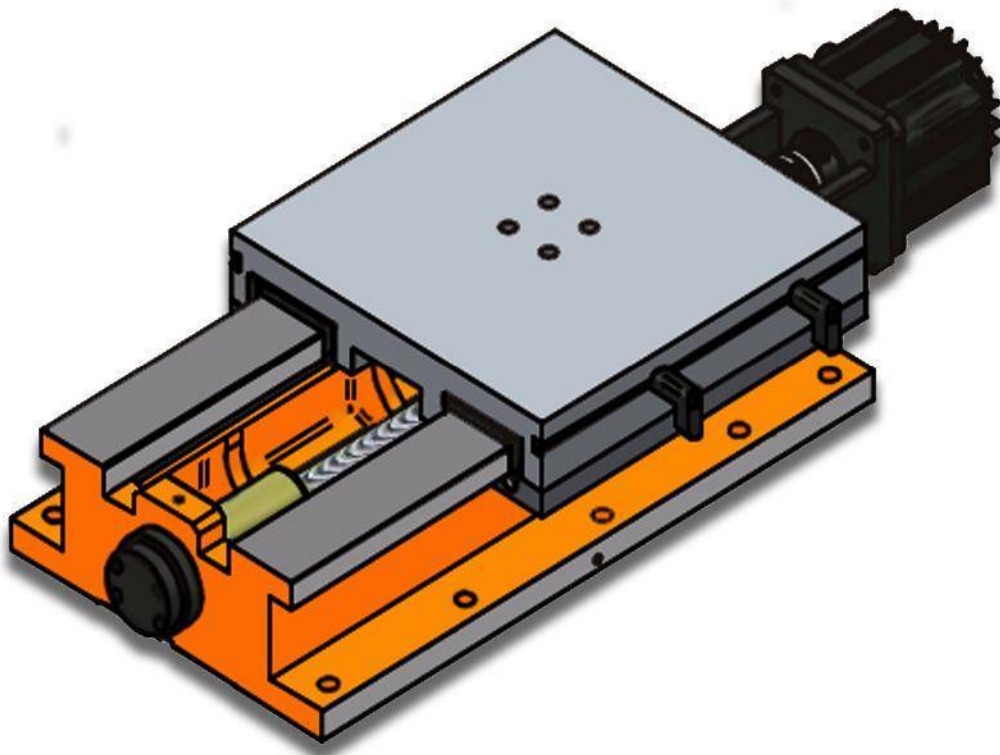
Characteristics & Dimensions

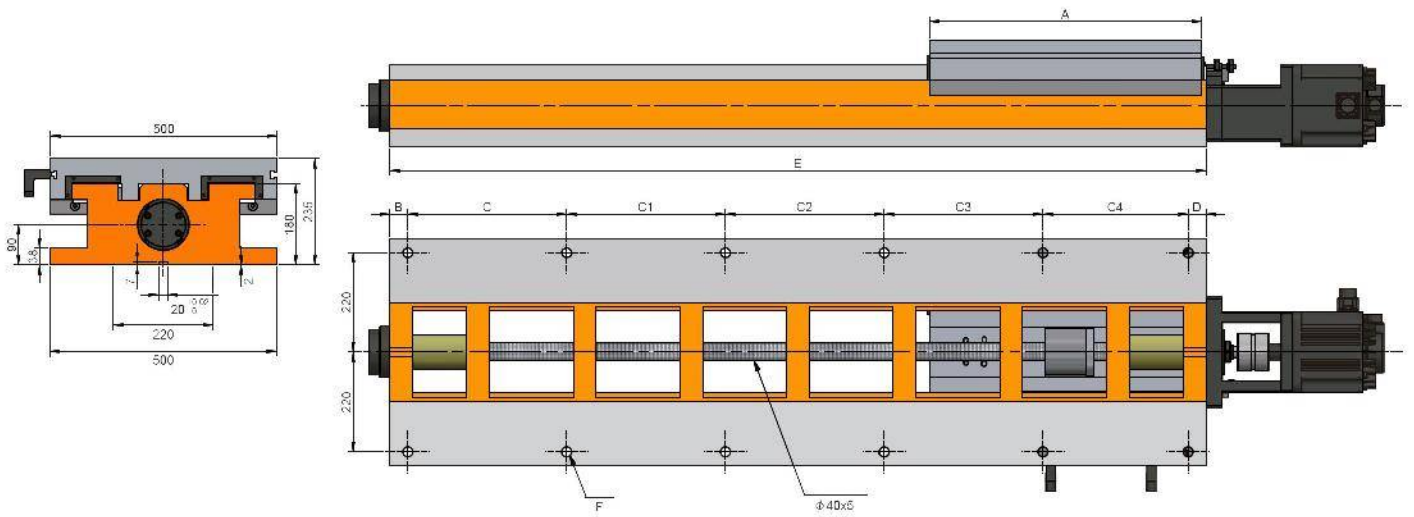
MODEL	BS420-600/1200
Profile Width	420.00
A	600.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	14 - Ø18
Total Stroke	580.00
System Total Weight (Kg)	323.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS500-520/885

Servo Slides With Hardness Guideways & Ball Screw





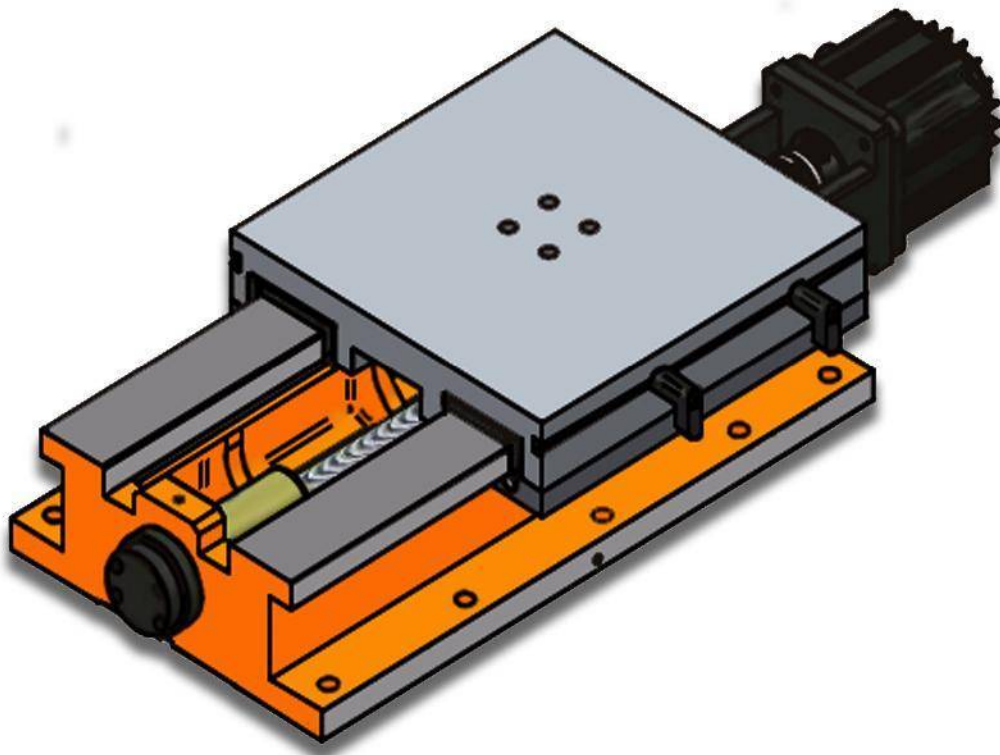
Characteristics & Dimensions

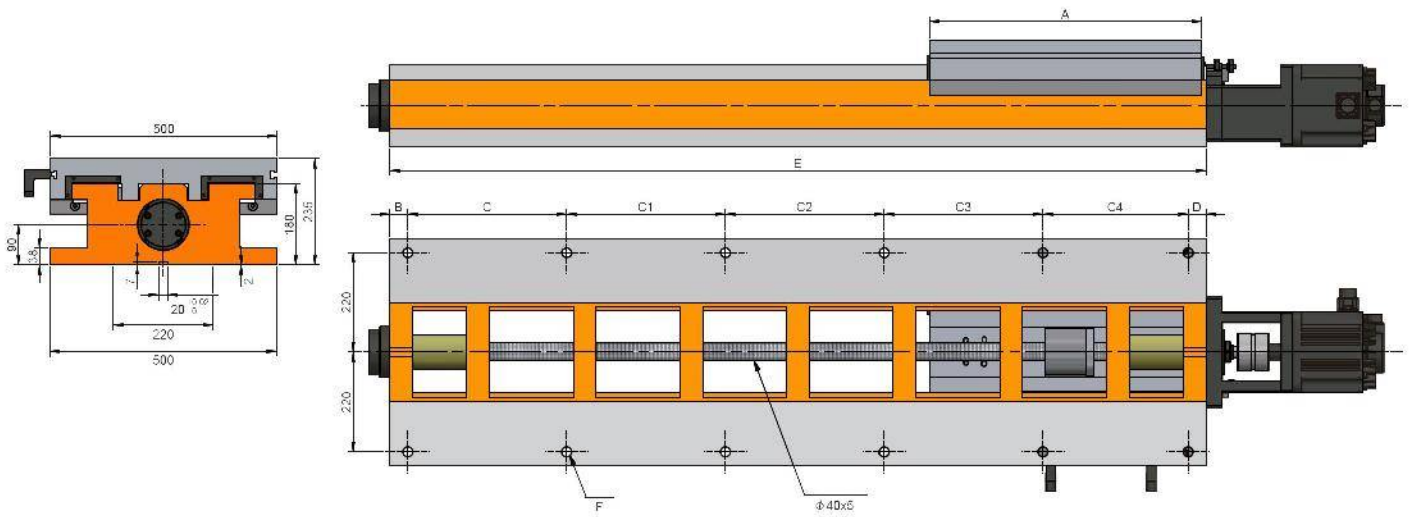
MODEL	BS500-520/885
Profile Width	500.00
A	520.00
B	40.00
C	220.00
C1	220.00
C2	220.00
C3	142.00
C4	-
C5	-
D	40.00
Profile Length	885.00
Lead Screw Pitch	10 - Ø18
Total Stroke	345.00
System Total Weight (Kg)	422.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS500-600/1200

Servo Corredera Con
Guías Templadas y
Tornillo Embalado





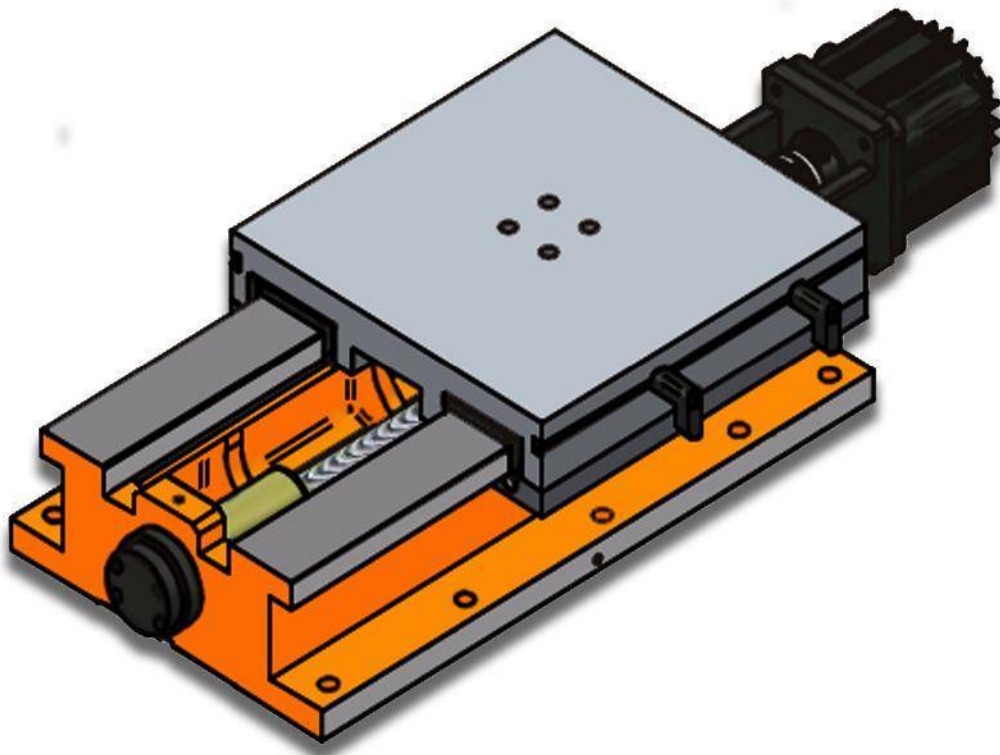
Characteristics & Dimensions

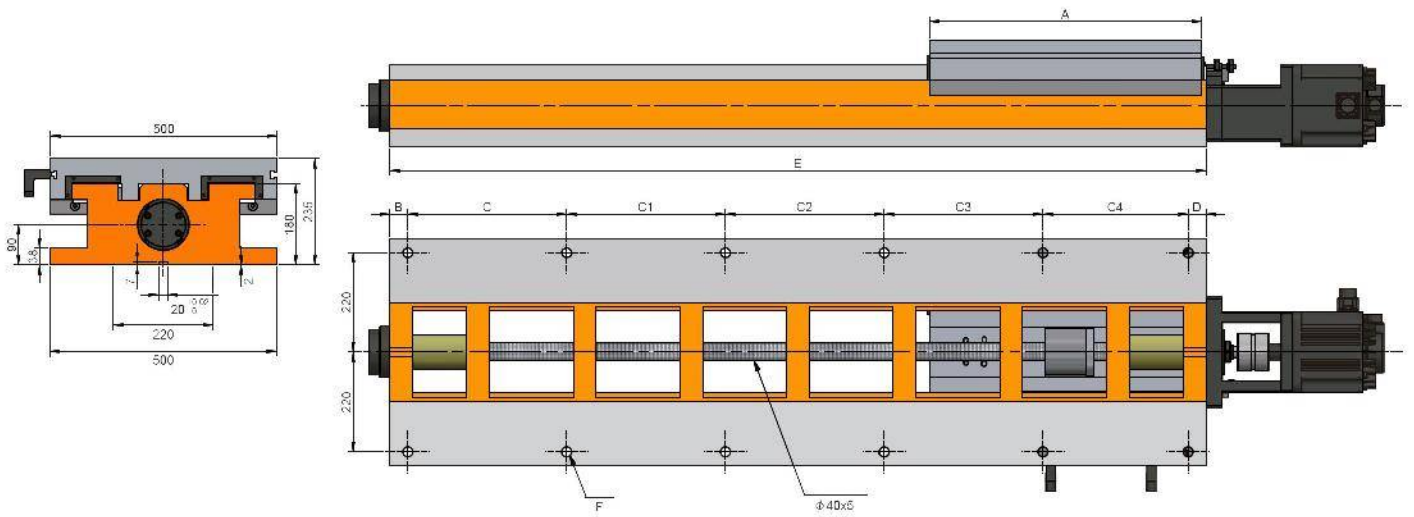
MODEL	BS500-600/1200
Profile Width	500.00
A	600.00
B	40.00
C	220.00
C1	220.00
C2	220.00
C3	220.00
C4	240.00
C5	-
D	40.00
Profile Length	1,200.00
Lead Screw Pitch	12 - Ø18
Total Stroke	580.00
System Total Weight (Kg)	515.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS500-600/1800

Servo Corredera Con
Guías Templadas y
Tornillo Embalado





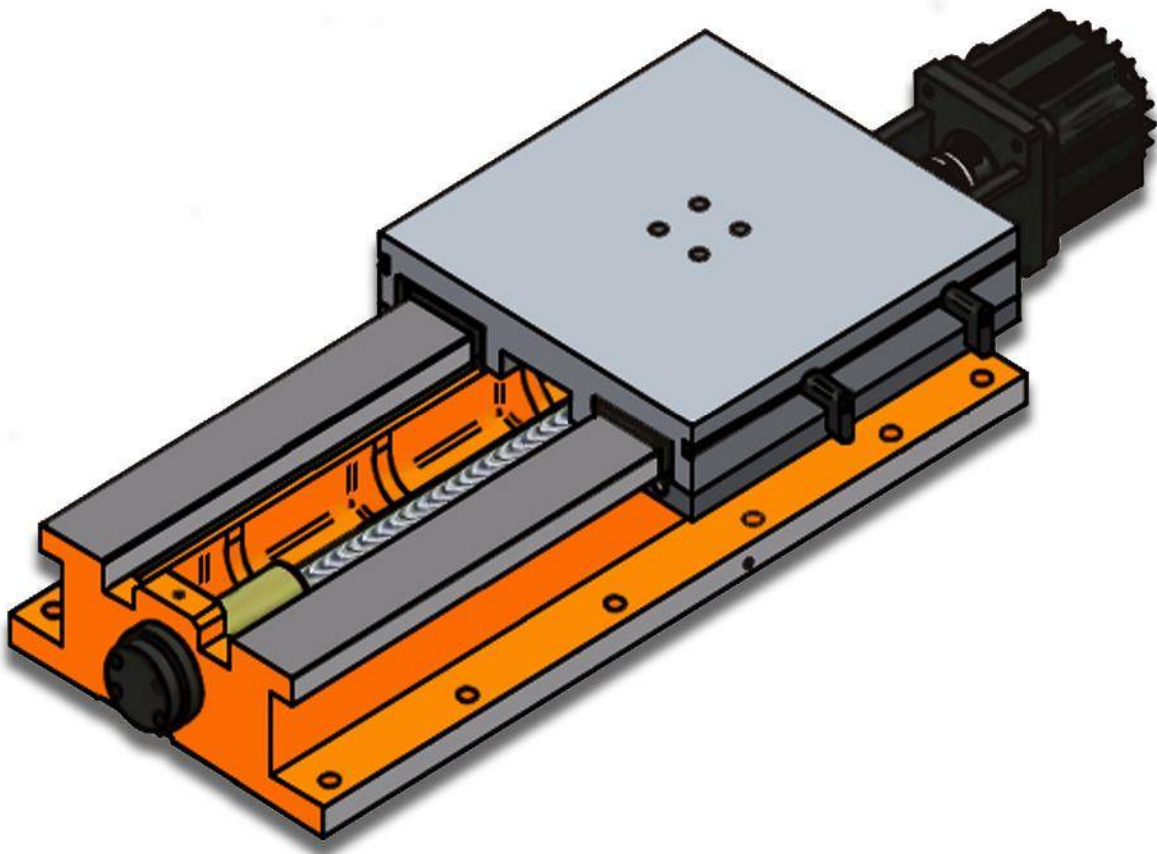
Characteristics & Dimensions

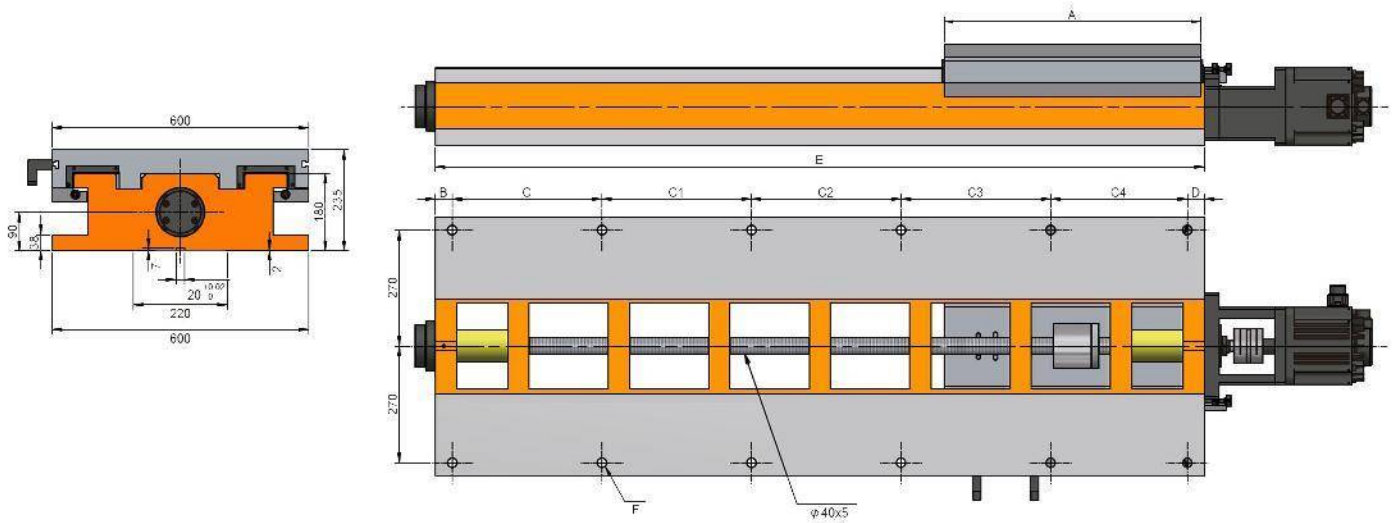
MODEL	BS500-600/1800
Profile Width	500.00
A	600.00
B	40.00
C	350.00
C1	350.00
C2	350.00
C3	350.00
C4	320.00
C5	-
D	40.00
Profile Length	1,800.00
Lead Screw Pitch	12 - Ø18
Total Stroke	1,180.00
System Total Weight (Kg)	655.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS600-520/885

Servo Slides With Hardness Guideways & Ball Screw





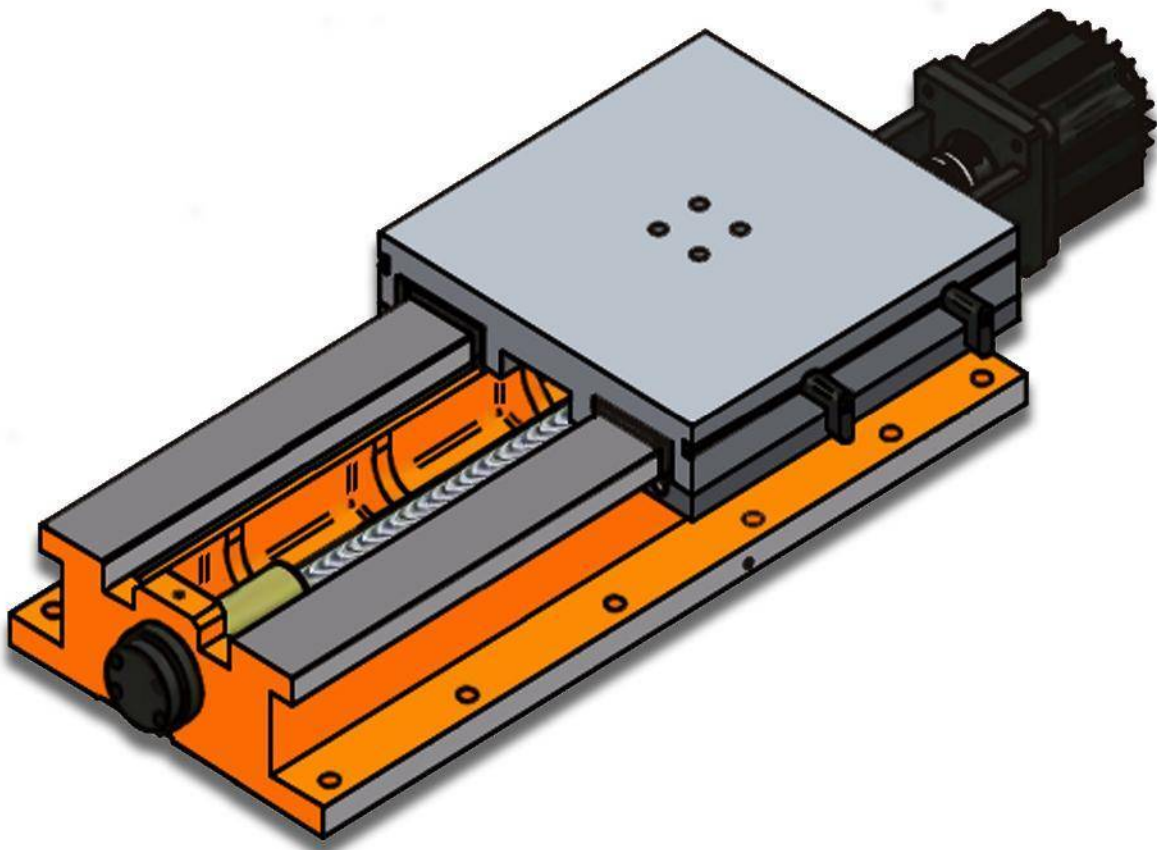
Characteristics & Dimensions

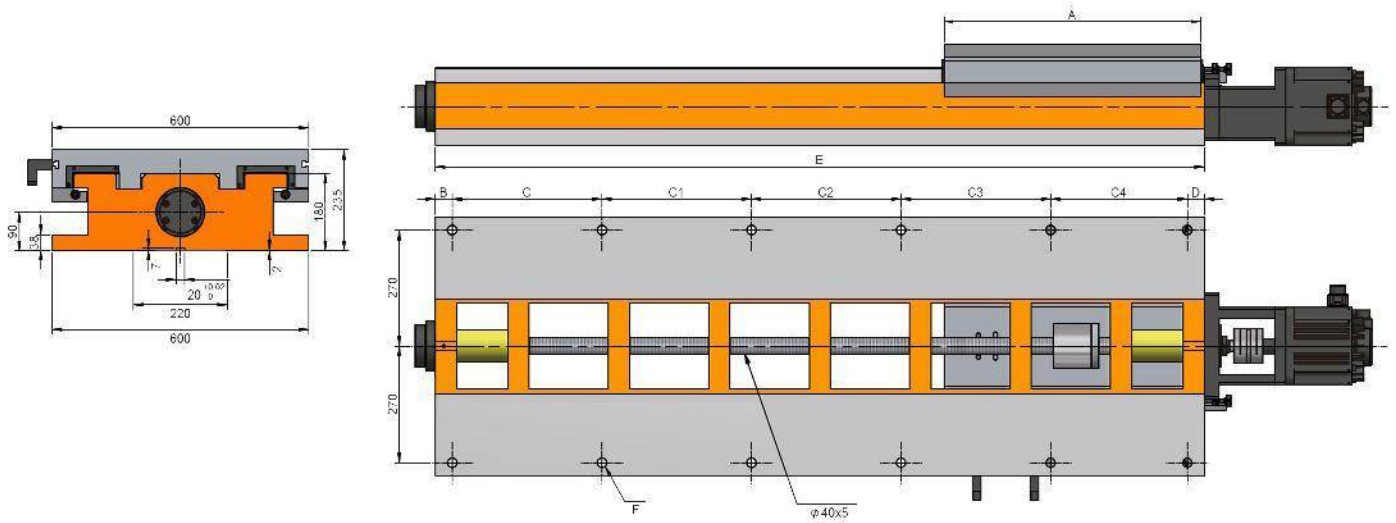
MODEL	BS600-520/885
Ancho Del Perfil	600.00
A	520.00
B	40.00
C	220.00
C1	220.00
C2	220.00
C3	145.00
C4	-
C5	-
D	40.00
Longitud Del Perfil	885.00
Paso Del Tornillo Patrón	10 - Ø18
Carrera Total	345.00
Peso Total Del Sistema (Kg)	455.00

*** Roundness ≤ 0.003 mm.
 **** All dimension are given in milimeters.

BS600-600/1200

Servo Slides With
Hardness Guideways
& Ball Screw





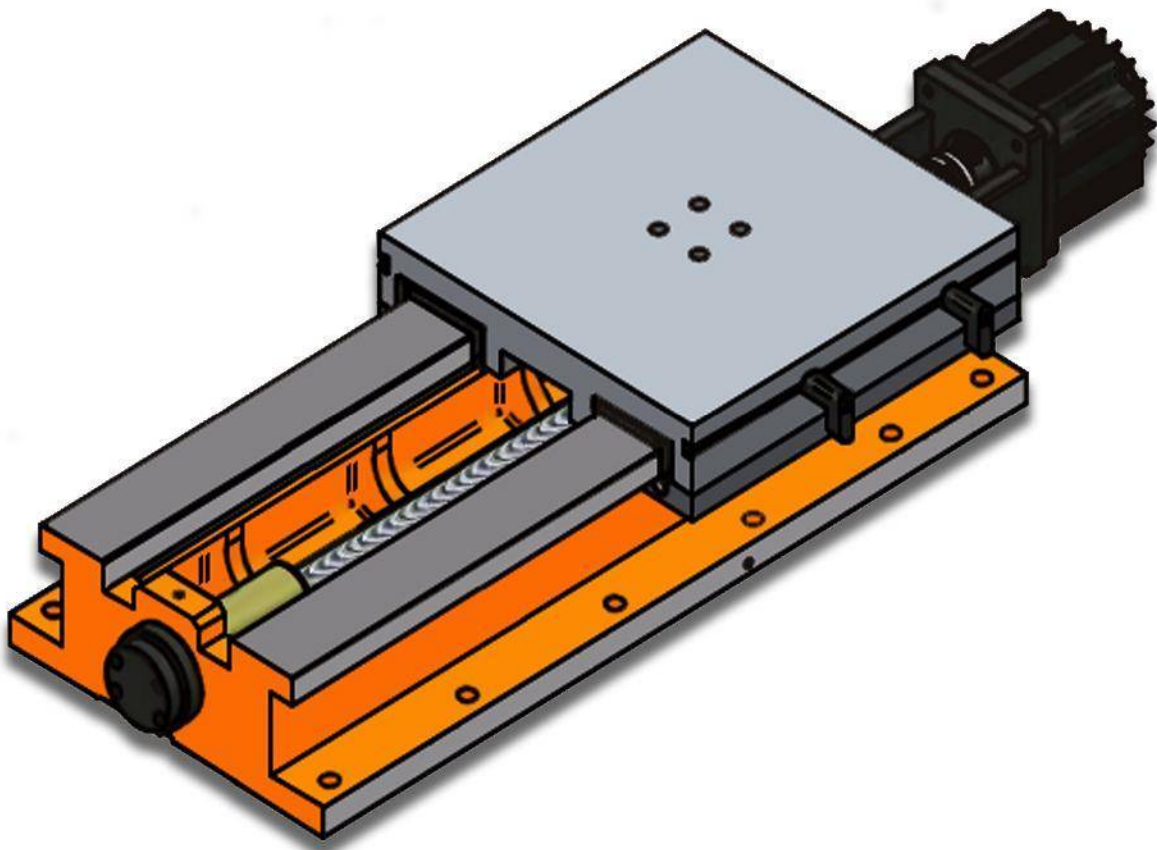
Characteristics & Dimensions

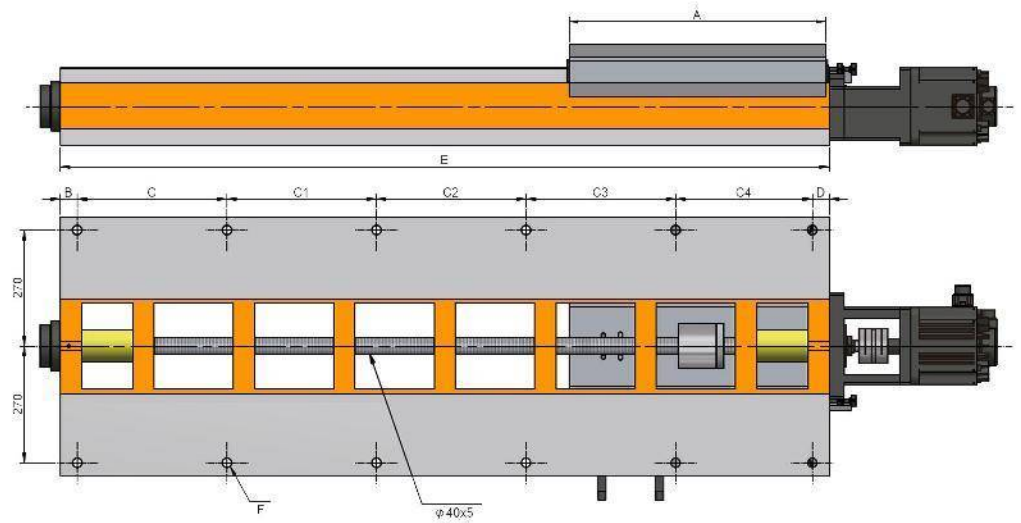
MODEL	BS600-600/1200
Profile Width	600.00
A	600.00
B	40.00
C	220.00
C1	220.00
C2	220.00
C3	240.00
C4	-
C5	-
D	40.00
Profile Length	1,200.00
Lead Screw Pitch	12 - Ø18
Total Stroke	580.00
System Total Weight (Kg)	542.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS600-600/1800

Servo Slides With
Hardness Guideways
& Ball Screw





Characteristics & Dimensions

MODEL	BS600-600/1800
Profile Width	600.00
A	600.00
B	40.00
C	350.00
C1	350.00
C2	350.00
C3	350.00
C4	320.00
C5	-
D	40.00
Profile Length	1,800.00
Lead Screw Pitch	12 - Ø18
Total Stroke	1,180.00
System Total Weight (Kg)	720.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

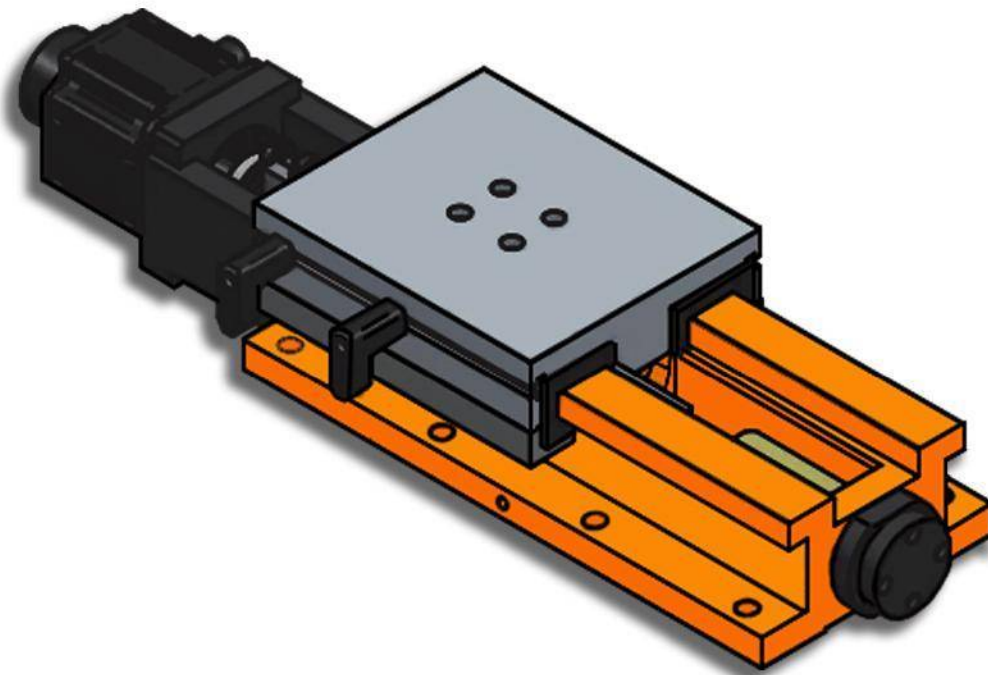


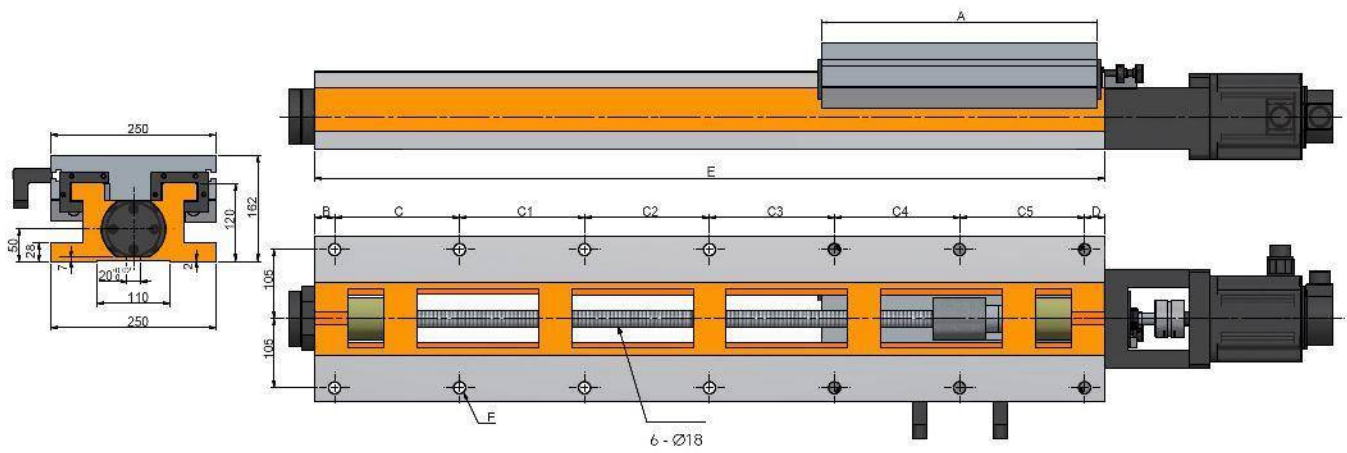
BS-H SERIES

REINFORCED SERVO
SLIDES WITH
HARDENED GUIDES AND
BALL SCREW

BS250-300/420H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





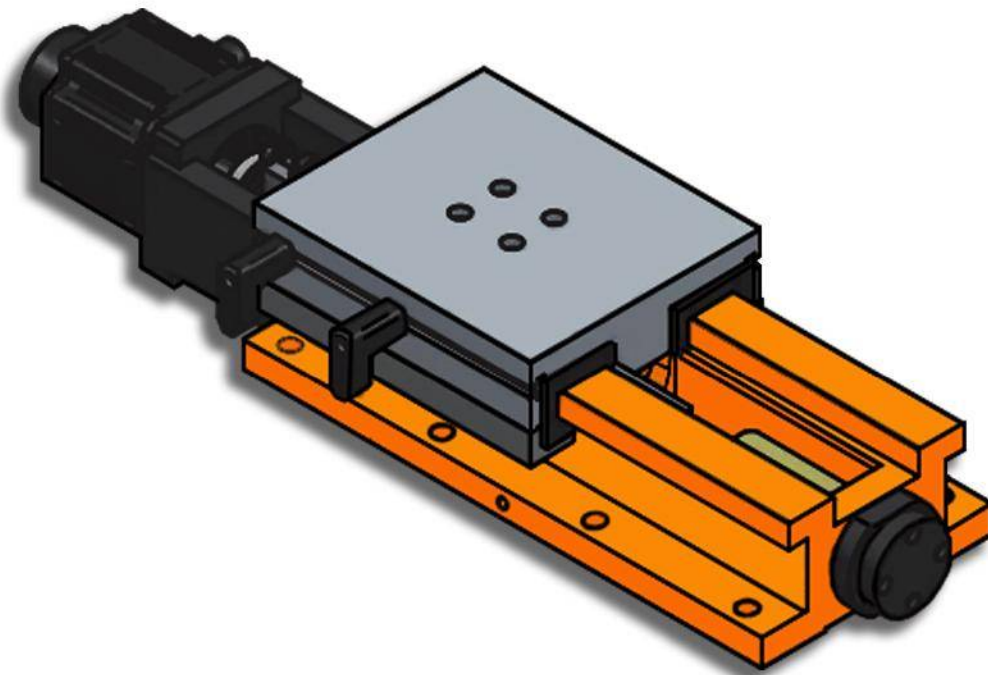
Characteristics & Dimensions

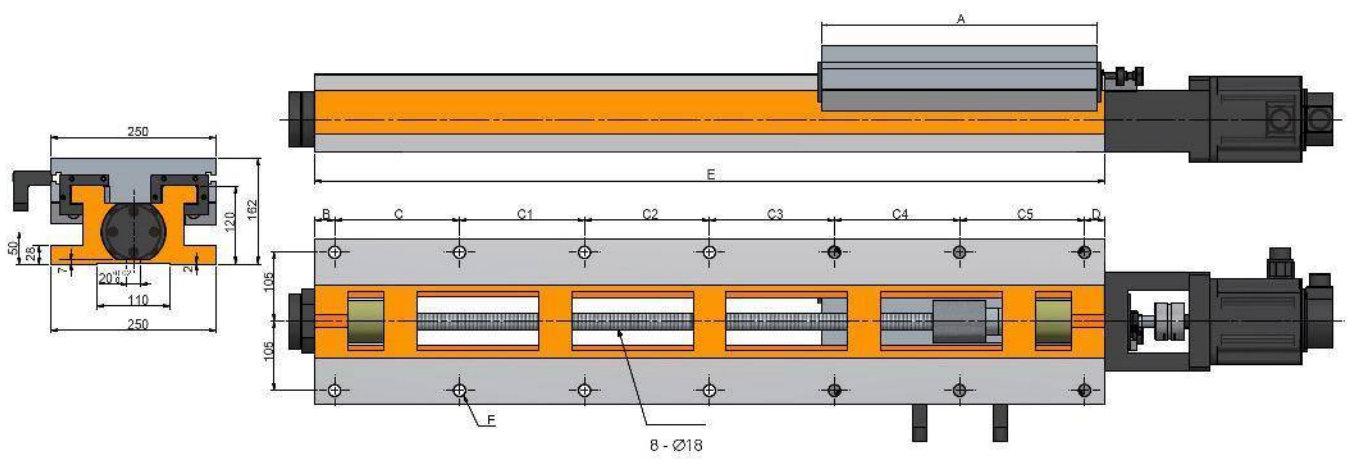
MODEL	HS250-300/420H
Profile Width	250.00
A	300.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
Profile Length	420.00
Lead Screw Pitch	6 - Ø18
Total Stroke	100.00
System Total Weight (Kg)	92.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-300/560H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





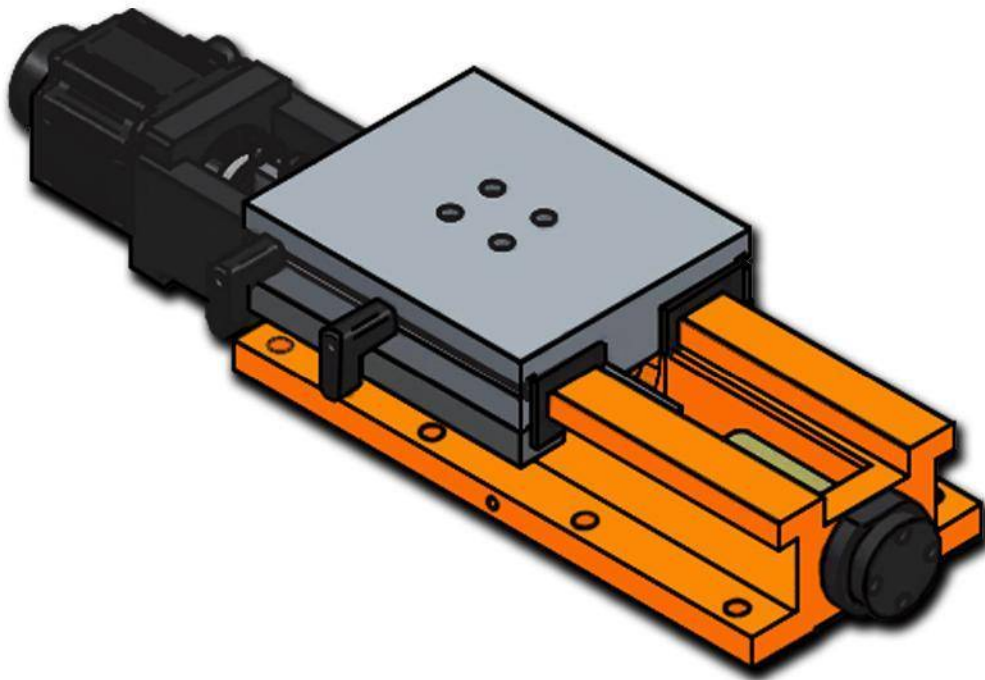
Characteristics & Dimensions

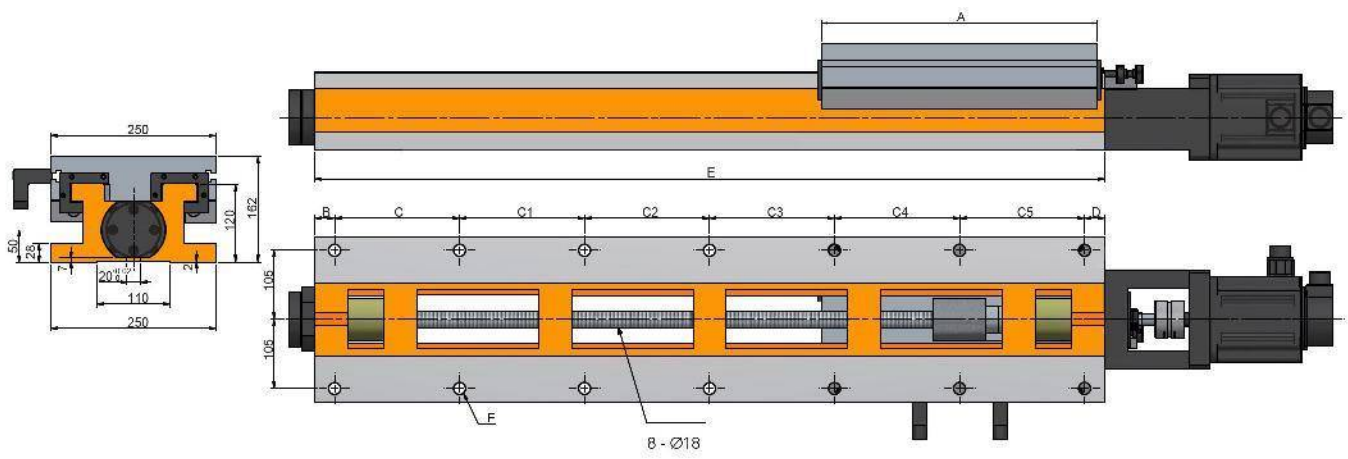
MODEL	HS250-300/560H
Profile Width	250.00
A	300.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	240.00
System Total Weight (Kg)	100.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/560H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





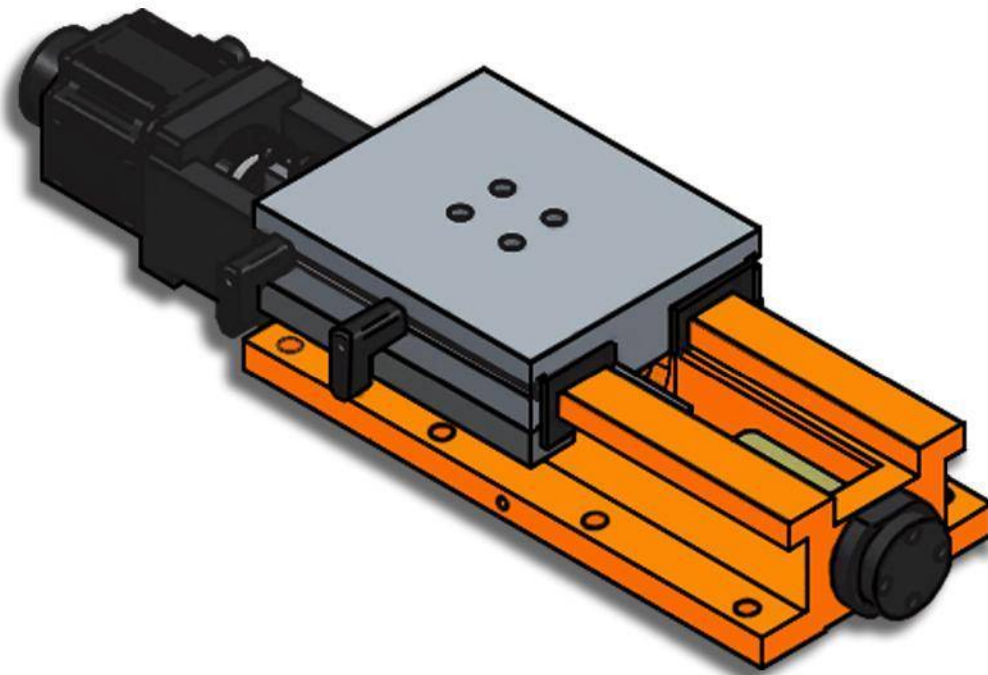
Characteristics & Dimensions

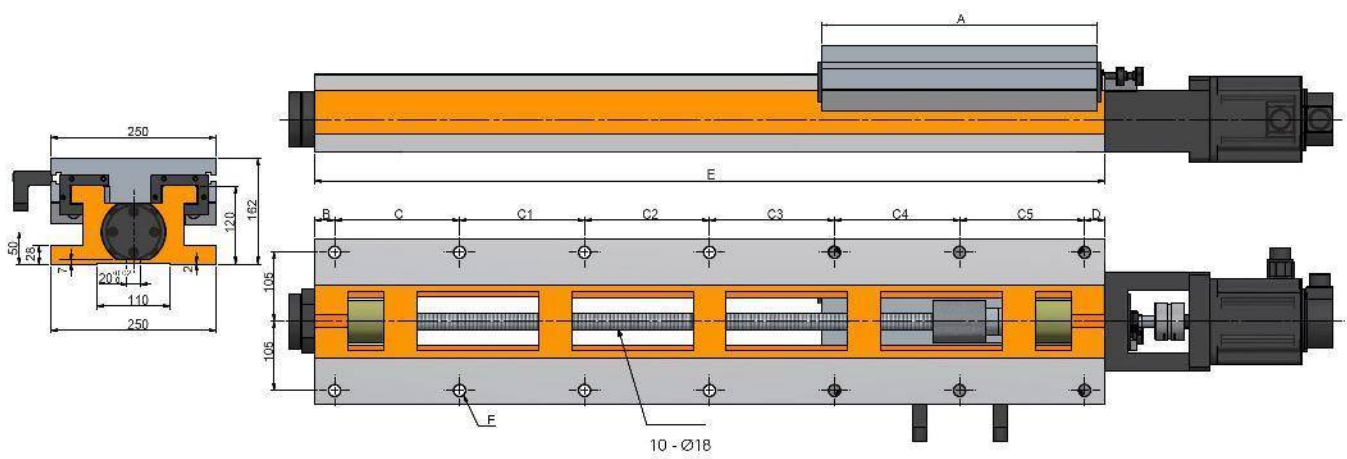
MODEL	HS250-420/560H
Profile Width	250.00
A	420.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	8 - Ø18
Total Stroke	120.00
System Total Weight (Kg)	108.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/670H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





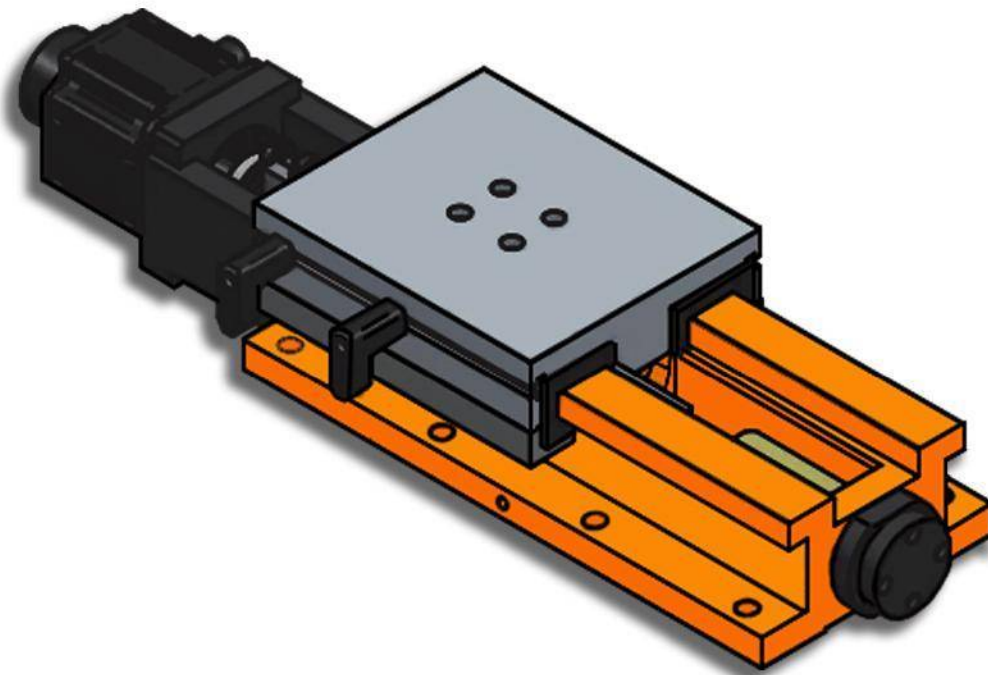
Characteristics & Dimensions

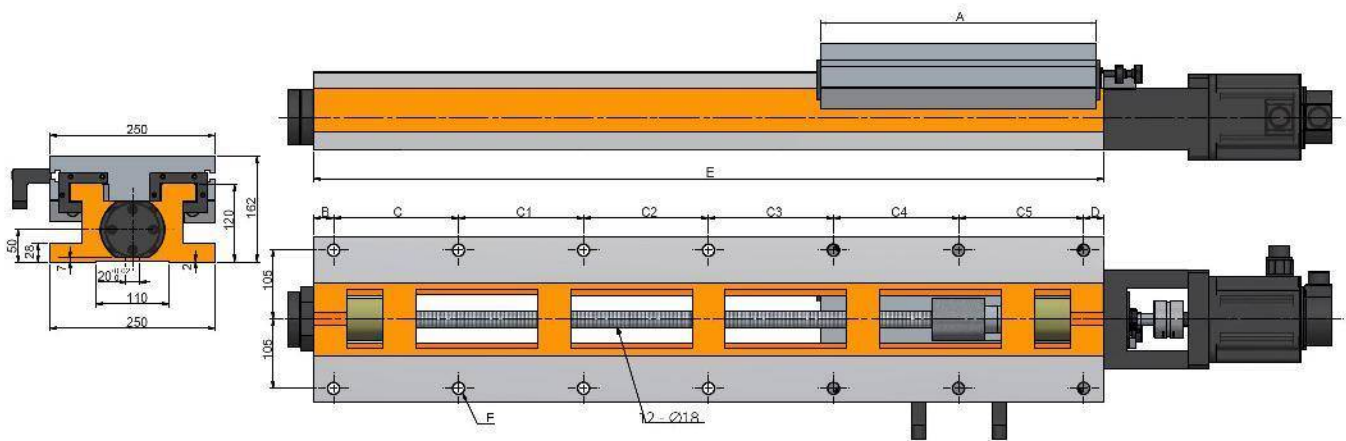
MODEL	HS250-420/670H
Profile Width	250.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	10 - Ø18
Total Stroke	230.00
System Total Weight (Kg)	130.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/750H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





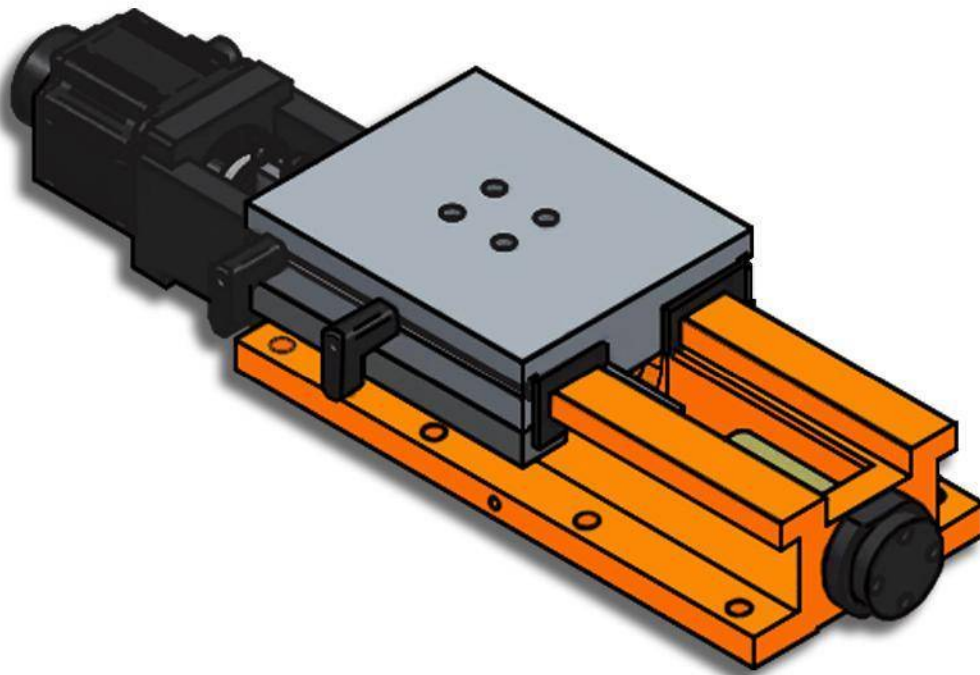
Characteristics & Dimensions

MODEL	HS250-420/750H
Profile Width	250.00
A	420.00
B	25.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	140.00
C5	-
D	25.00
Profile Length	750.00
Lead Screw Pitch	12 - Ø18
Total Stroke	310.00
System Total Weight (Kg)	148.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/940H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw



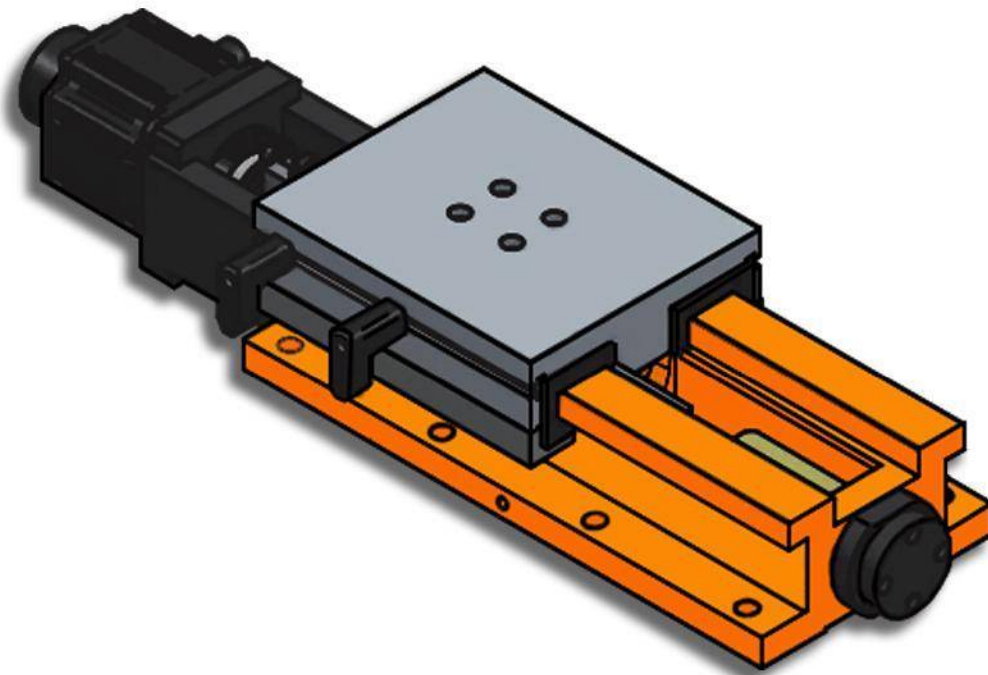
Characteristics & Dimensions

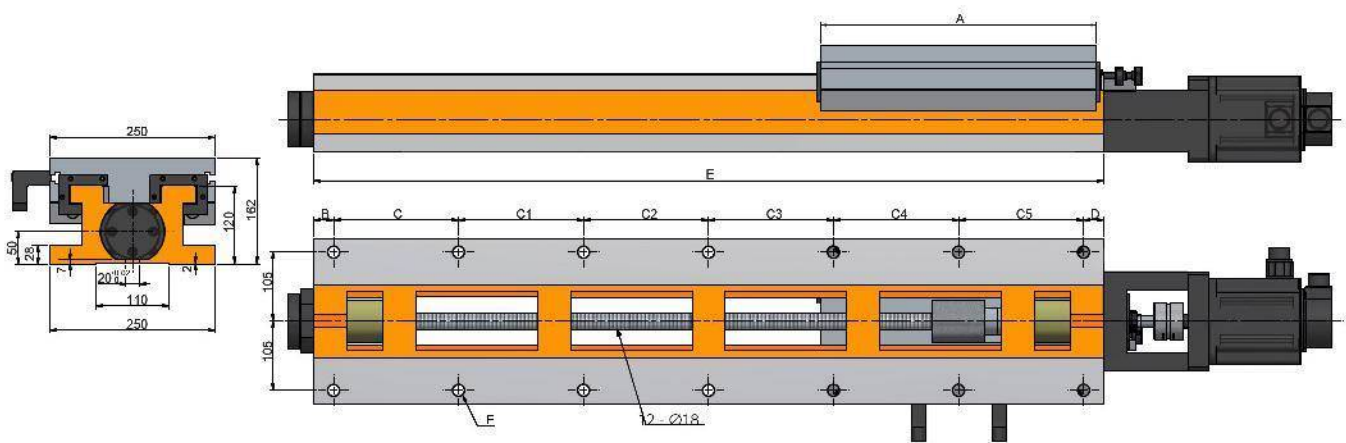
MODEL	HS250-420/940H
Profile Width	250.00
A	420.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	12 - Ø18
Total Stroke	500.00
System Total Weight (Kg)	178.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS250-420/1200H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





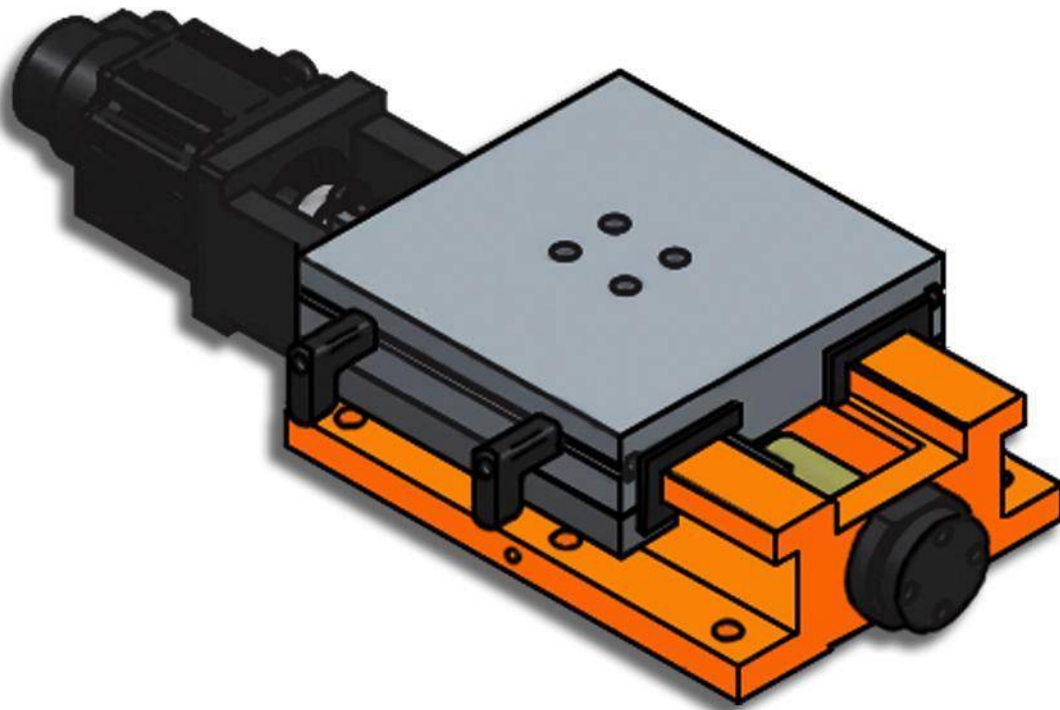
Characteristics & Dimensions

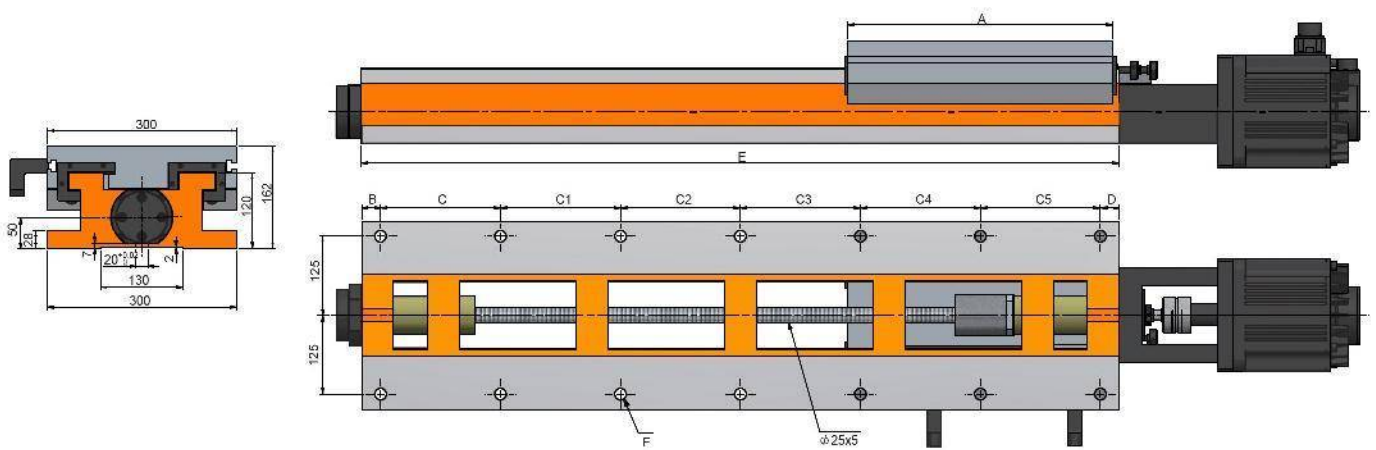
MODEL	HS250-420/1200H
Profile Width	250.00
A	420.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	14 - Ø18
Total Stroke	760.00
System Total Weight (Kg)	215.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-300/420H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





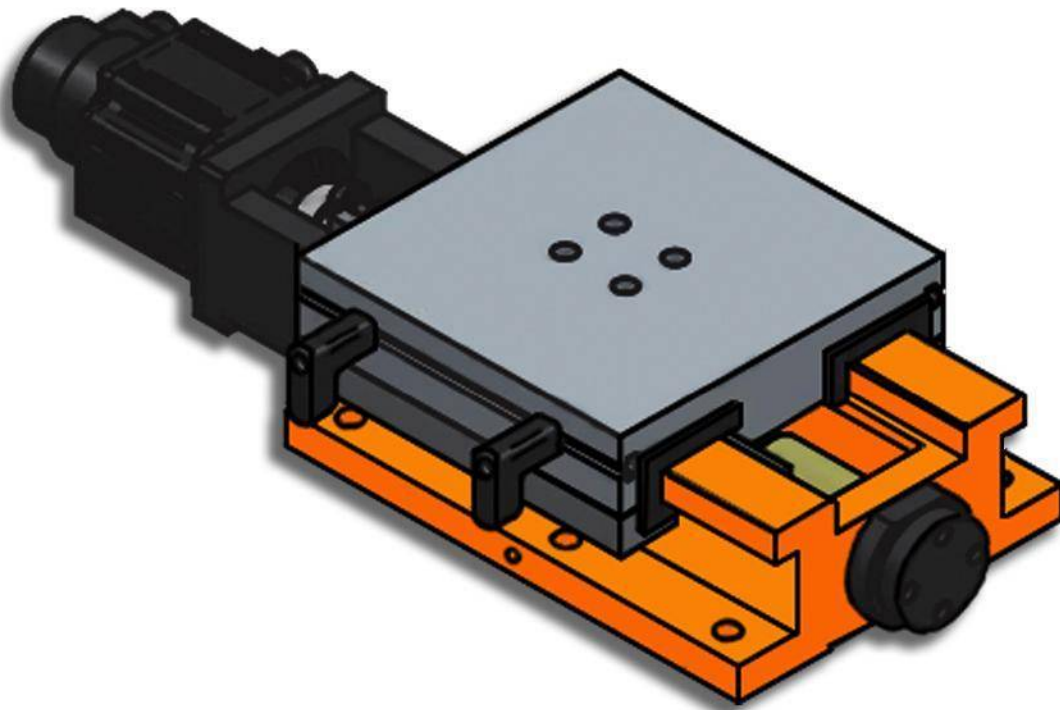
Characteristics & Dimensions

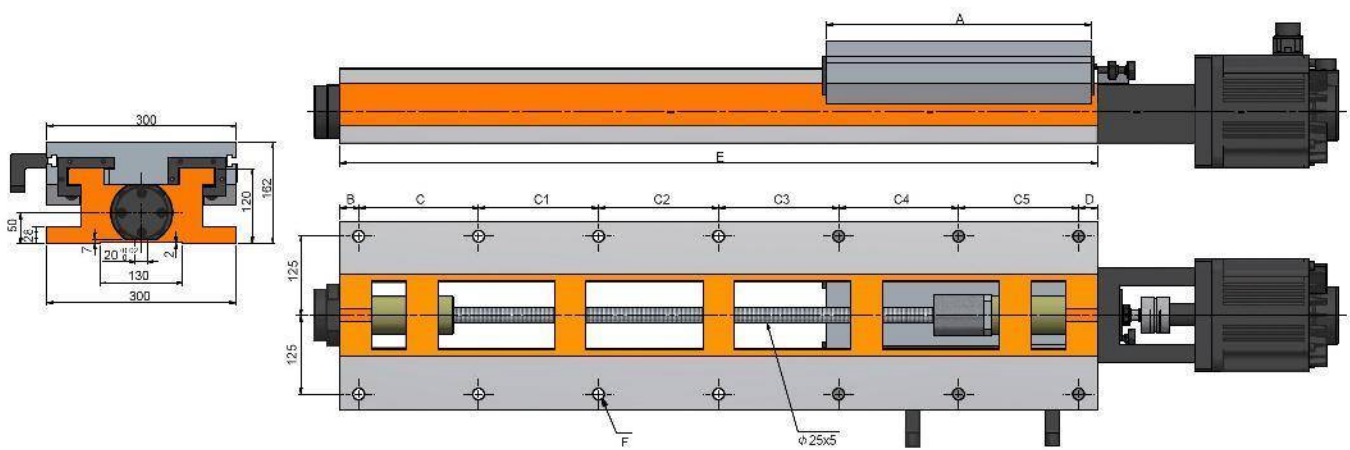
MODEL	BS300-300/420H
Ancho Del Perfil	300.00
A	300.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
Longitud Del Perfil	420.00
Carrera Máxima Del Sistema	100.00
Paso Del Tornillo Patrón	6 - Ø18
Peso Total Del Sistema (Kg)	120.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in milimeters.

BS300-360/560H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





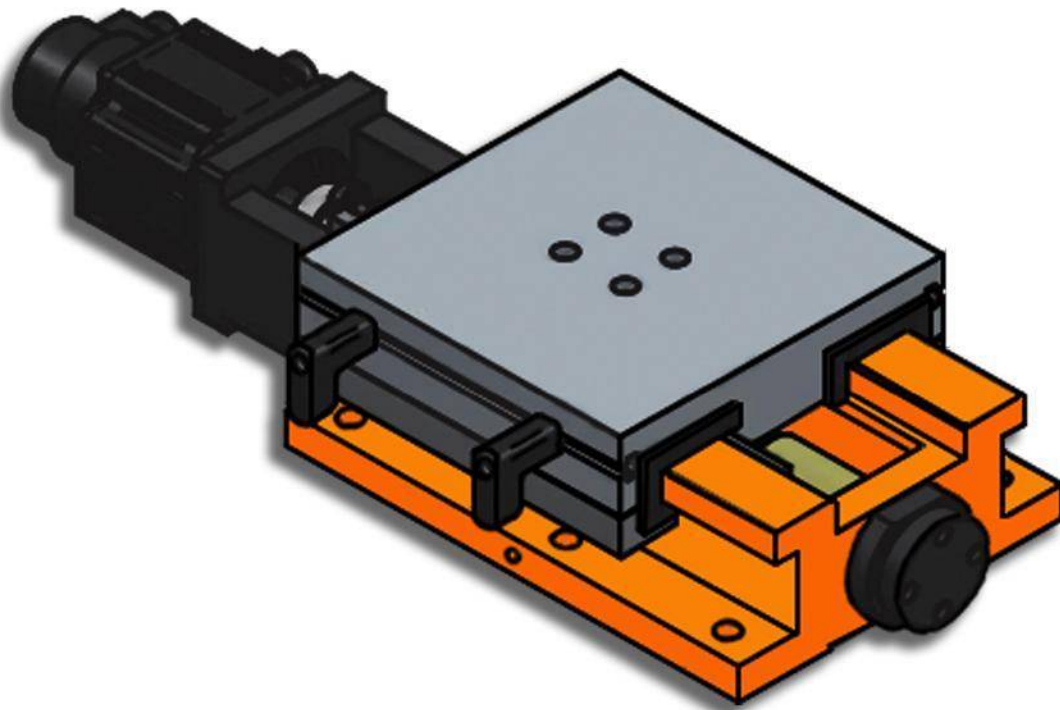
Characteristics & Dimensions

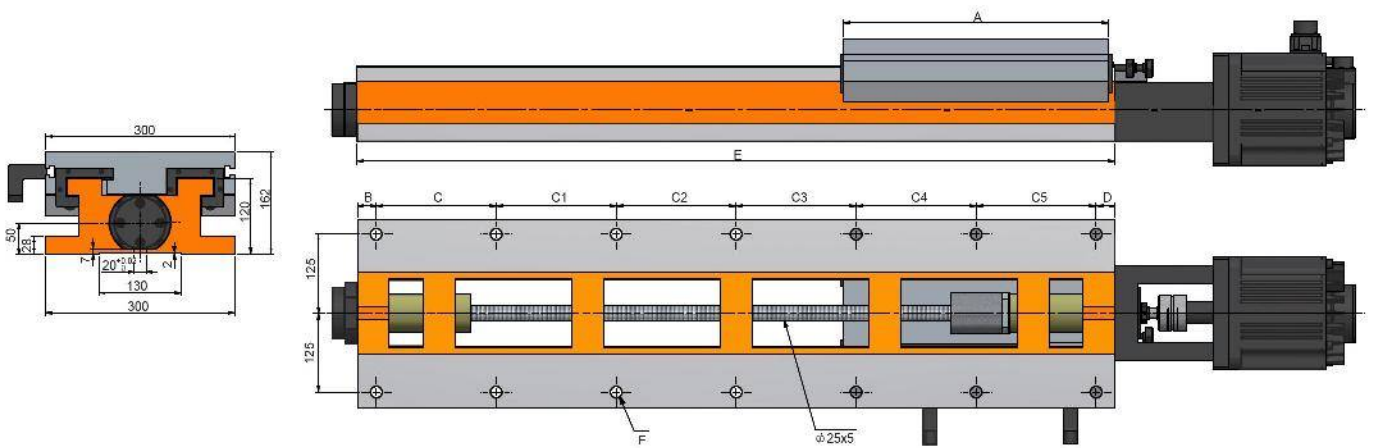
MODEL	BS300-360/560H
Profile Width	300.00
A	360.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	180.00
Total Stroke	8 - Ø18
System Total Weight (Kg)	140.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/560H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





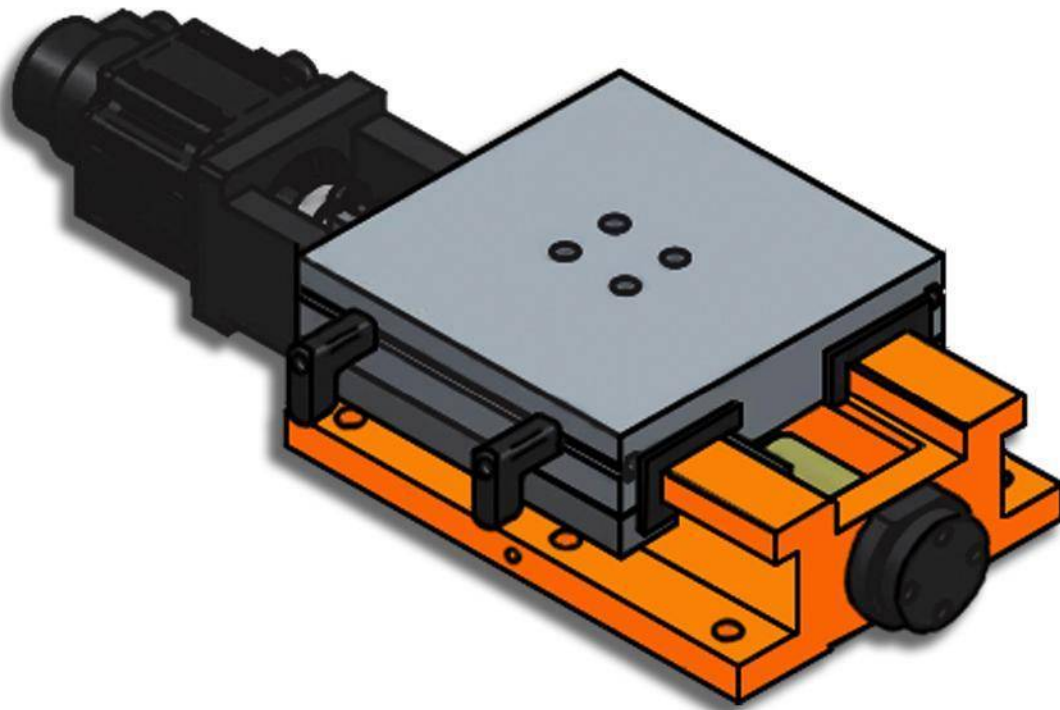
Characteristics & Dimensions

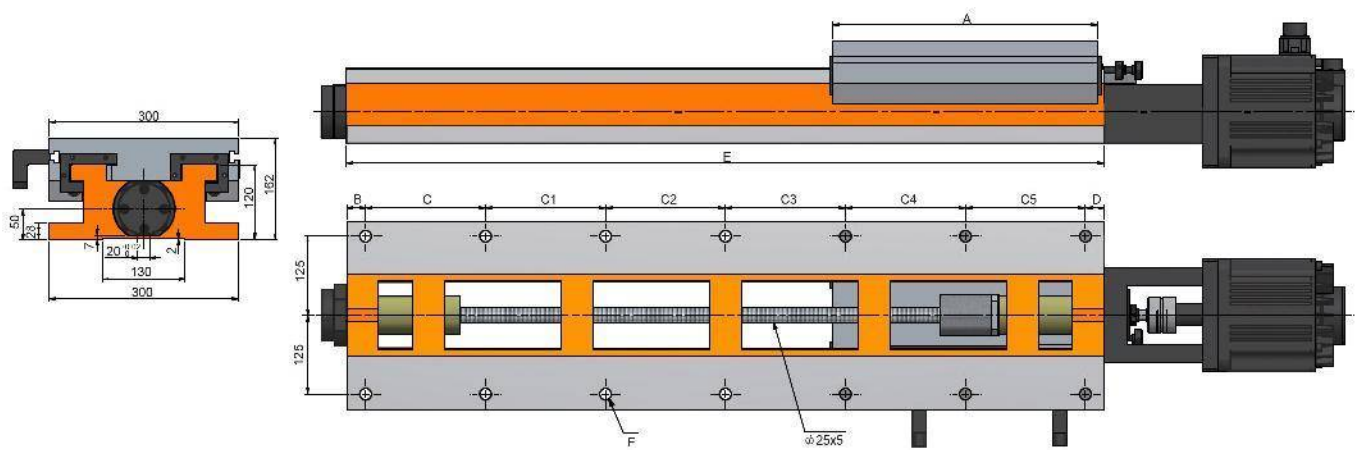
MODEL	BS300-420/560H
Profile Width	300.00
A	420.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
Profile Length	560.00
Lead Screw Pitch	120.00
Total Stroke	8 - Ø18
System Total Weight (Kg)	144.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/670H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





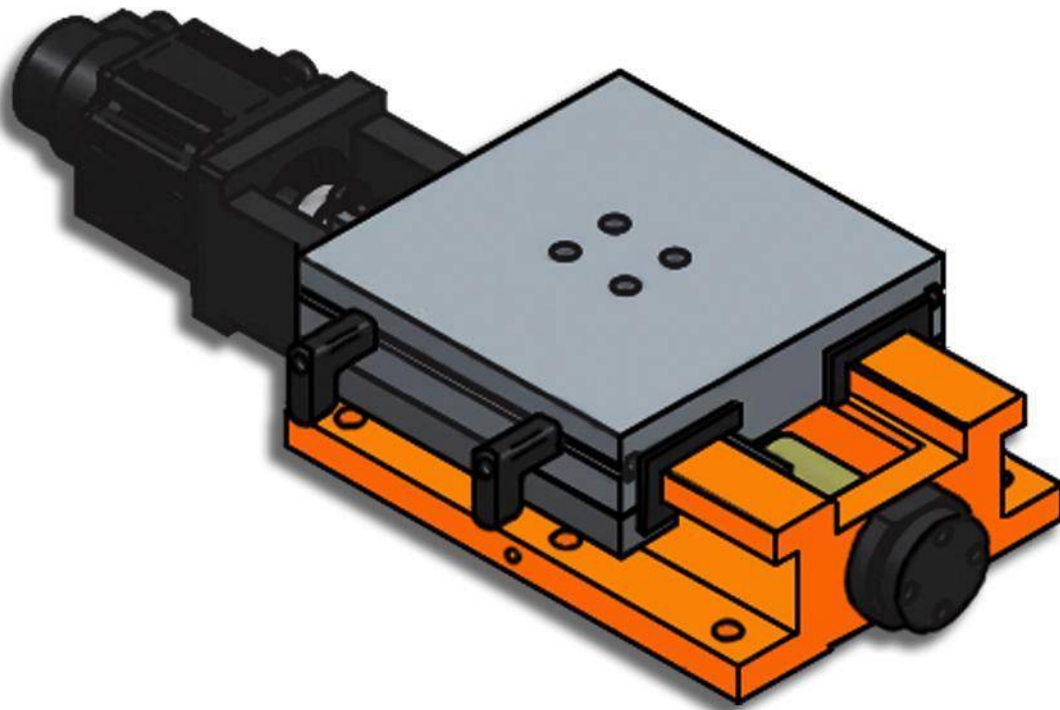
Characteristics & Dimensions

MODEL	BS300-420/670H
Profile Width	300.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
Profile Length	670.00
Lead Screw Pitch	230.00
Total Stroke	10 - Ø18
System Total Weight (Kg)	178.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/800H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw



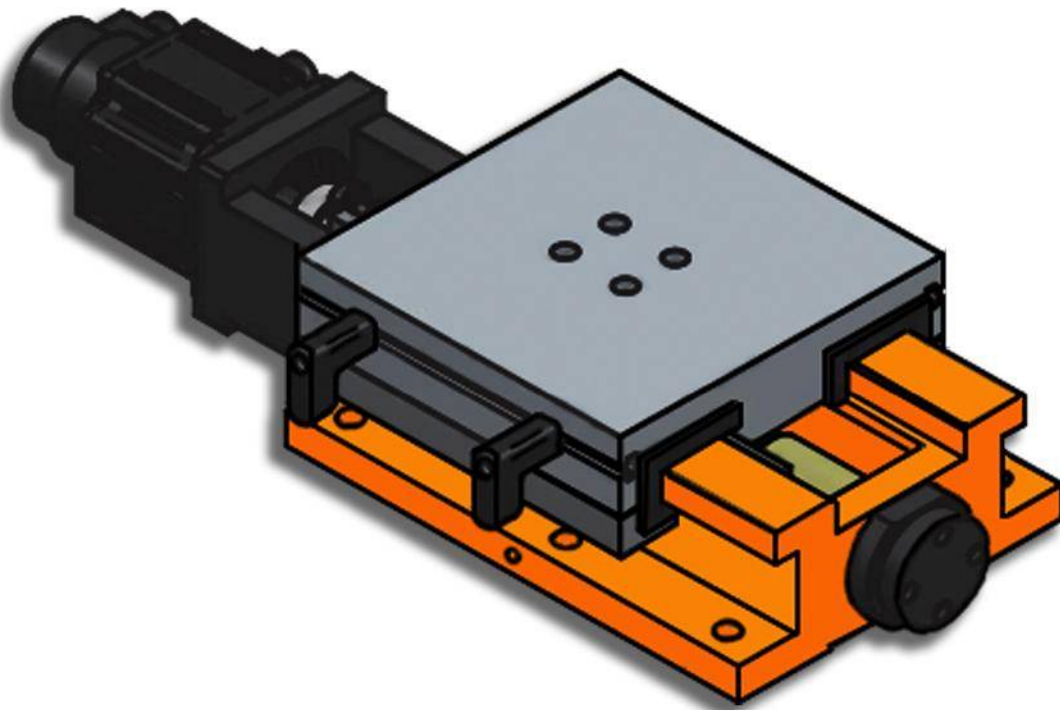
Characteristics & Dimensions

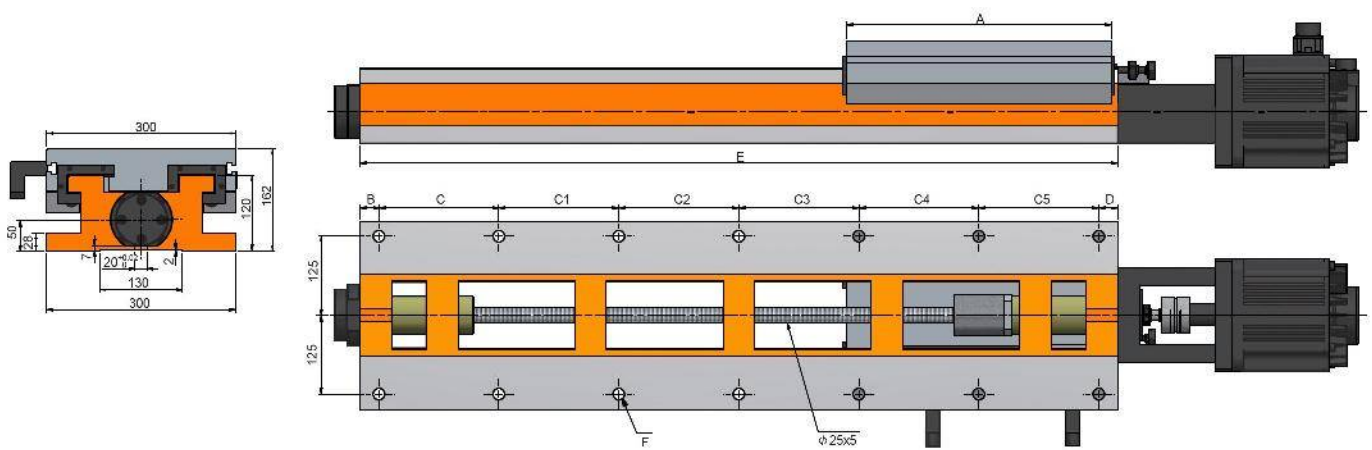
MODEL	BS300-420/800H
Ancho Del Perfil	300.00
A	420.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
Longitud Del Perfil	800.00
Carrera Máxima Del Sistema	360.00
Paso Del Tornillo Patrón	12 - Ø18
Peso Total Del Sistema (Kg)	195.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in milimeters.

BS300-420/940H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw





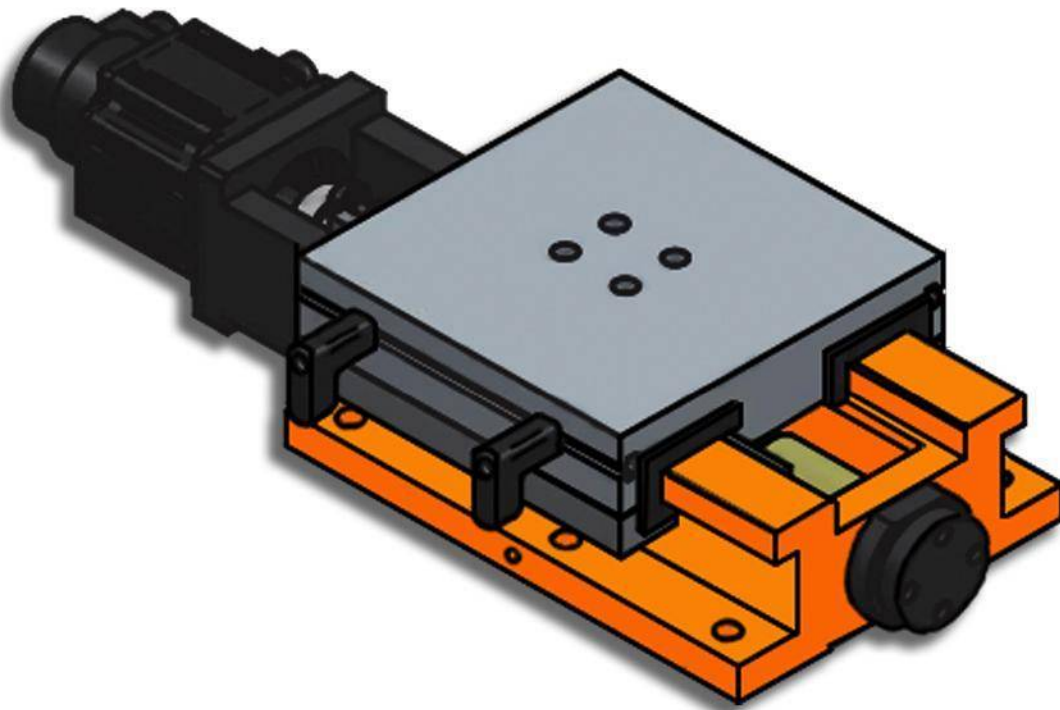
Characteristics & Dimensions

MODEL	BS300-420/940H
Profile Width	300.00
A	420.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
Profile Length	940.00
Lead Screw Pitch	500.00
Total Stroke	12 - Ø18
System Total Weight (Kg)	210.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.

BS300-420/1200H

Hi Performance
Servo Slides With
Hardness Guideways
& Ball Screw



Characteristics & Dimensions

MODEL	BS300-420/1200H
Profile Width	300.00
A	420.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
Profile Length	1,200.00
Lead Screw Pitch	760.00
Total Stroke	14 - Ø18
System Total Weight (Kg)	246.00

*** Roundness ≤ 0.003 mm.
**** All dimension are given in millimeters.



MULTI SPINDLE HEAD SERIES

DRILLING/TAPPING
MULTI SPINDLE HEAD
WITH 2 ~ 16
SPINDLE TIPS



A SERIES

DRILLING/TAPPING
MULTI SPINDLE HEADS

A-100 (A-116)

Drilling & Tapping Multi Spindle Heads

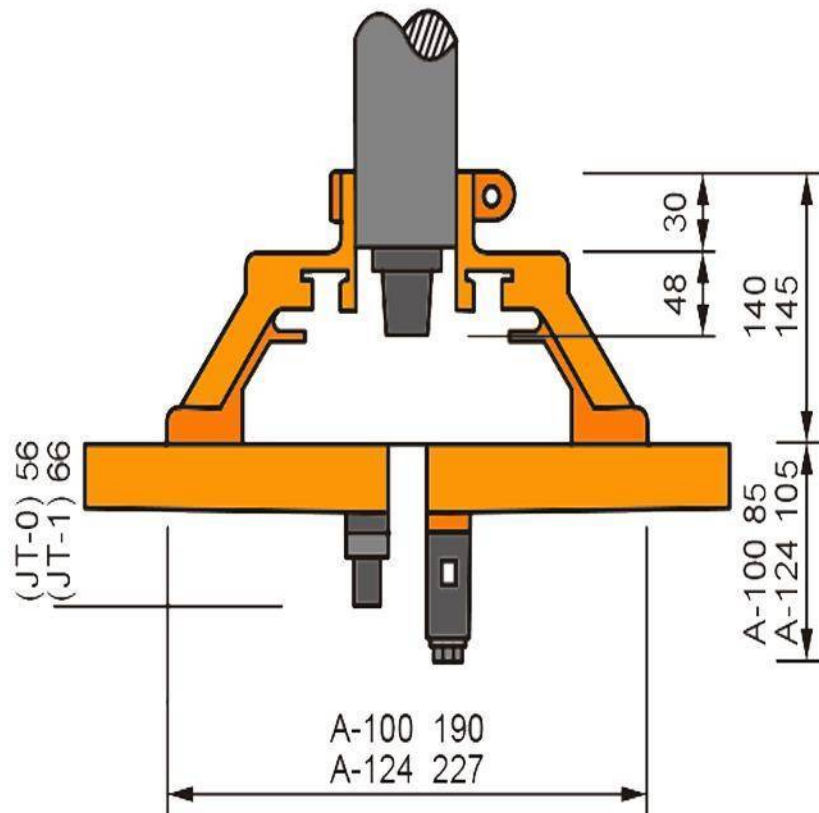




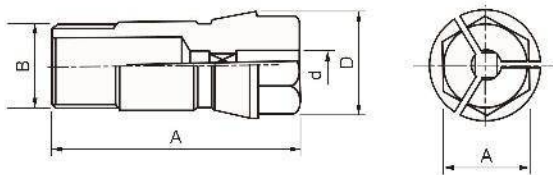
Characteristics & Dimensions

MODEL	A-100 (A-116)
Nozzle	C-6
Minimum Distance Between Centers	100.00
Maximum Distance Between Centers	18.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø6
Maximum Tapping Capability	M6
Spindle	2 ~ 4

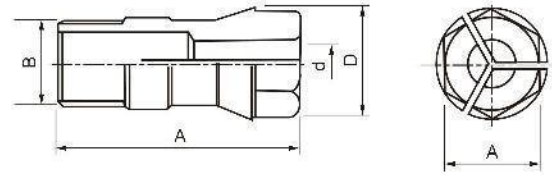
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

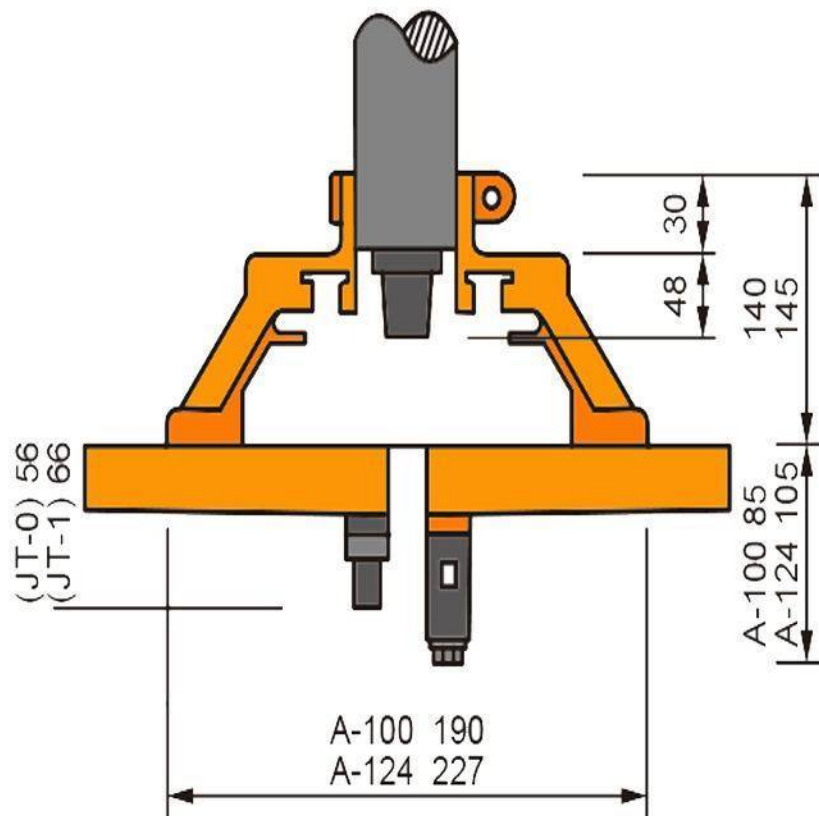
TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

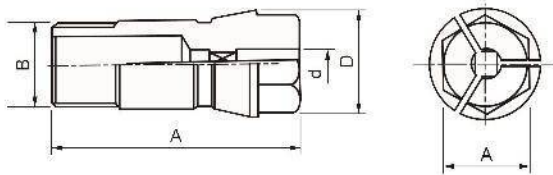
DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

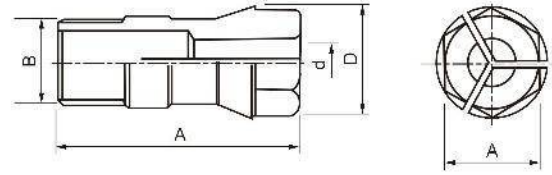
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



A-124

Drilling & Tapping Multi Spindle Heads

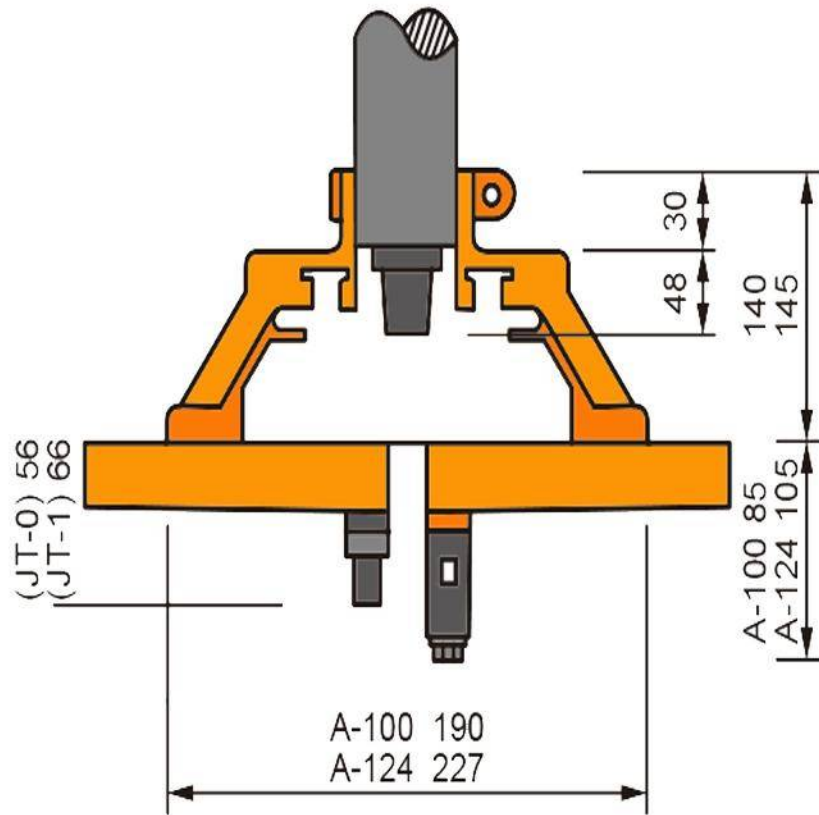




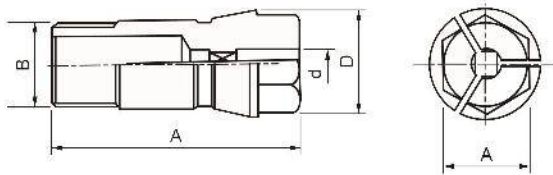
Characteristics & Dimensions

MODEL	A-124
Nozzle	C-9
Minimum Distance Between Centers	124.00
Maximum Distance Between Centers	26.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø9
Maximum Tapping Capability	M8
Spindle	2 ~ 4

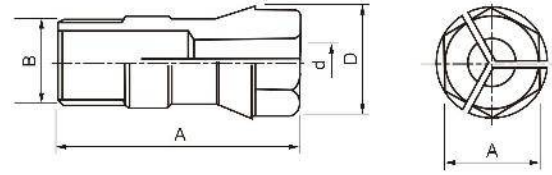
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



A-124S

Drilling & Tapping Multi Spindle Heads





Characteristics & Dimensions

MODEL	A-124S
Nozzle	C-12
Minimum Distance Between Centers	124.00
Maximum Distance Between Centers	28.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2 ~ 4

*** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.



D1 SERIES

DRILLING/TAPPING
MULTI SPINDLE HEADS

D-170

Drilling & Tapping Multi Spindle Heads

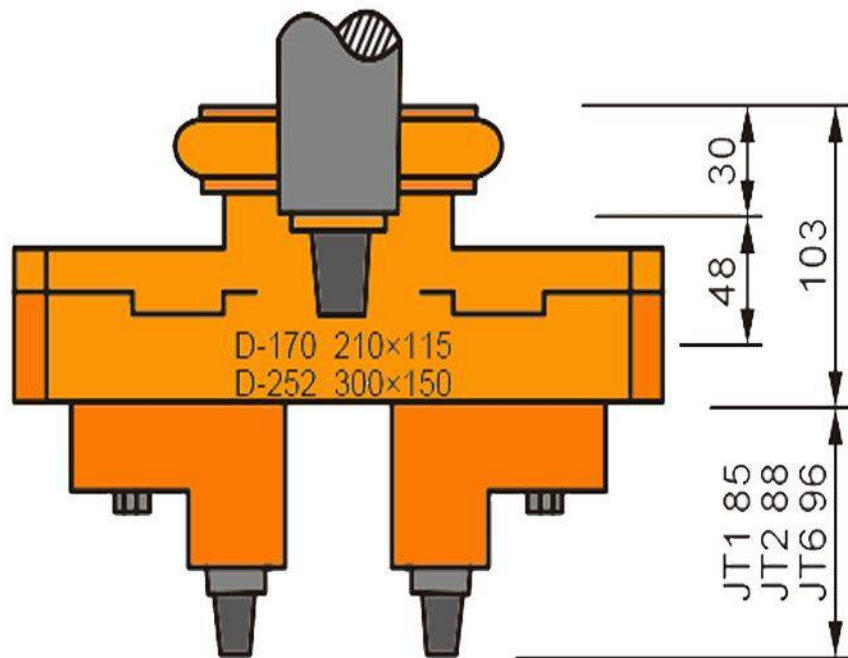




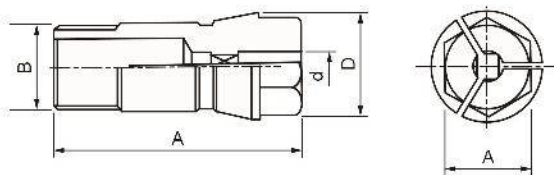
Characteristics & Dimensions

MODEL	D-170
Nozzle	C-9
Minimum Distance Between Centers	170.00
Maximum Distance Between Centers	38.00
Speed Ratio	1 : 1.69
Maximum Drilling Capability	Ø9
Maximum Tapping Capability	M8
Spindle	2.00

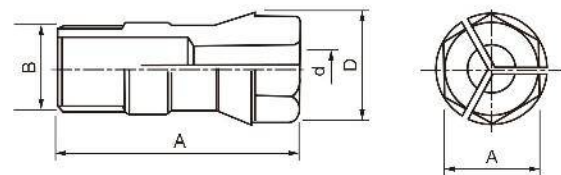
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

D-176

Drilling & Tapping Multi Spindle Heads

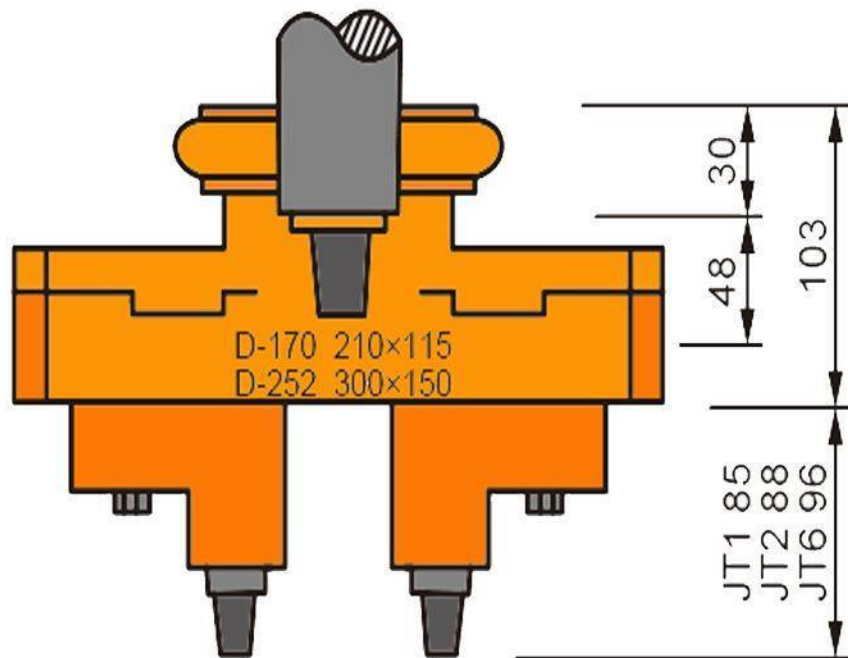




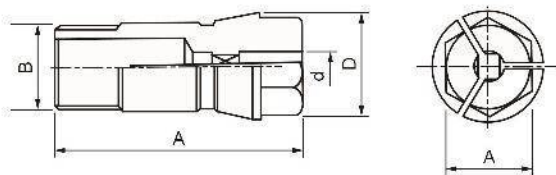
Characteristics & Dimensions

MODEL	D-176
Nozzle	C-12
Minimum Distance Between Centers	176.00
Maximum Distance Between Centers	46.00
Speed Ratio	1 : 1.35
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2.00

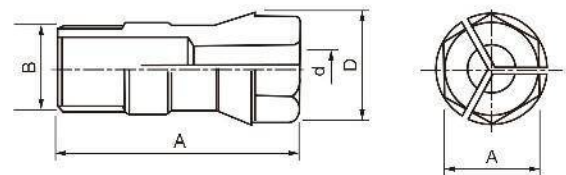
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

D-183

Drilling & Tapping Multi Spindle Heads

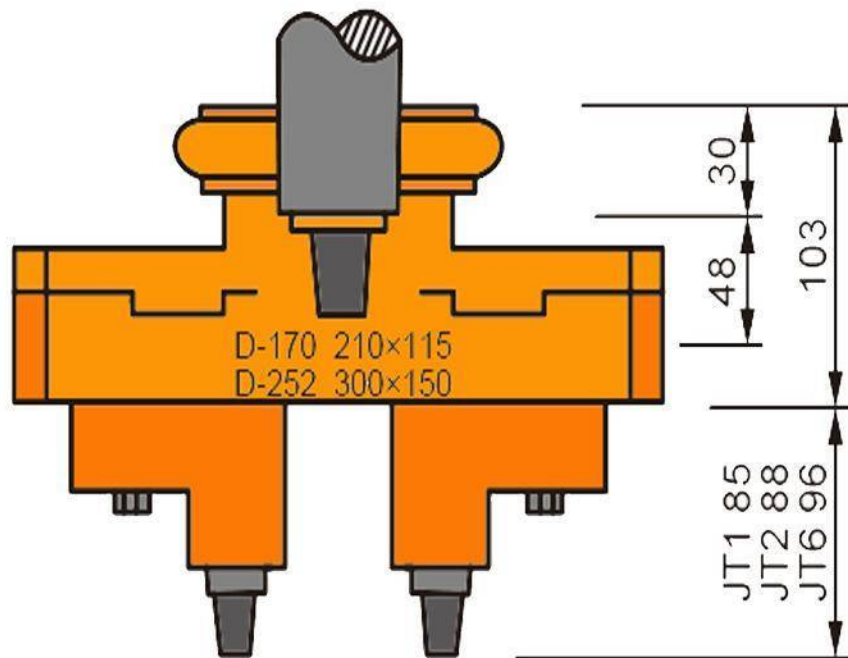




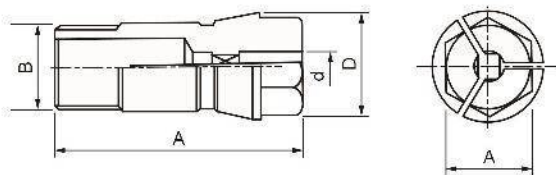
Characteristics & Dimensions

MODEL	D-183
Nozzle	C-12
Minimum Distance Between Centers	183.00
Maximum Distance Between Centers	56.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2.00

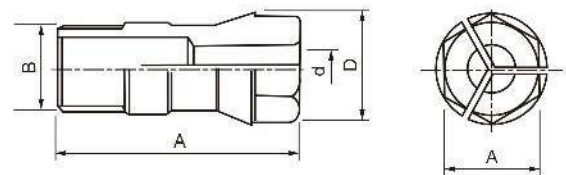
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.



D2 SERIES

DRILLING/TAPPING
MULTI SPINDLE HEADS

D-177

Drilling & Tapping Multi Spindle Heads

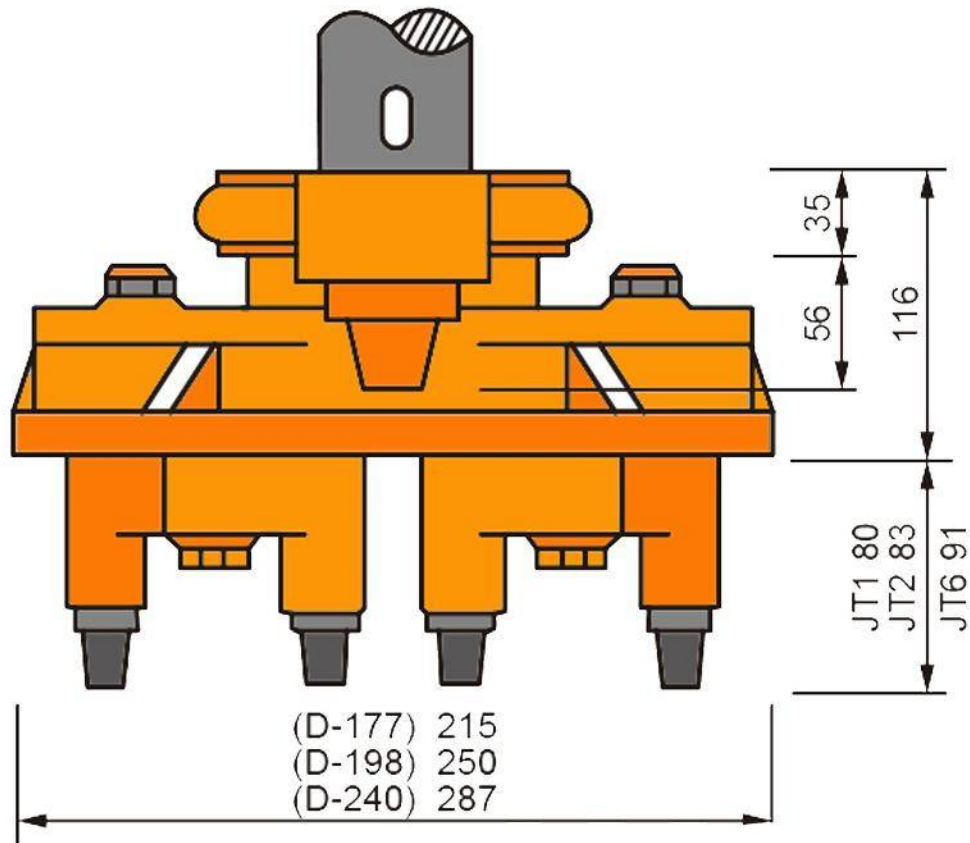




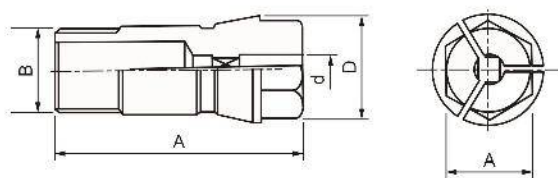
Characteristics & Dimensions

MODEL	D-177 (D-192)
Nozzle	C-9
Minimum Distance Between Centers	177.00
Maximum Distance Between Centers	37.00
Speed Ratio	1 : 3
Maximum Drilling Capability	Ø9
Maximum Tapping Capability	M8
Spindle	2 ~ 4

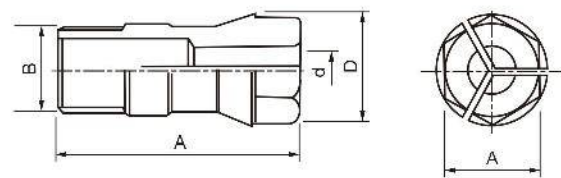
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

D-198

Drilling & Tapping Multi Spindle Heads

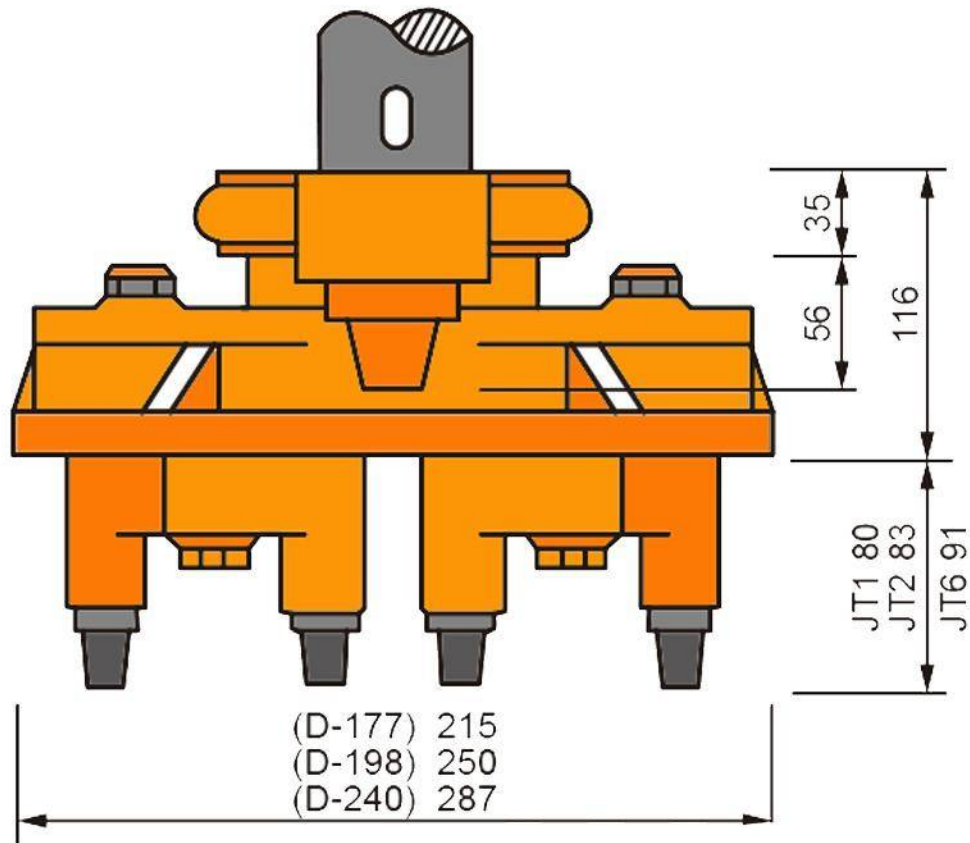




Characteristics & Dimensions

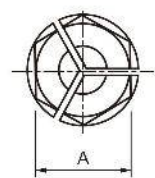
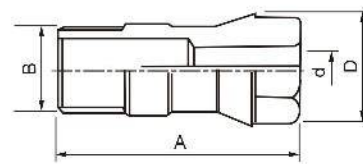
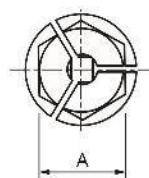
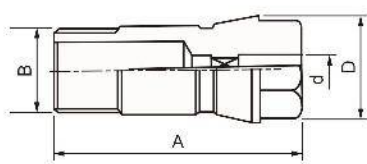
MODEL	D-198
Nozzle	C-12
Minimum Distance Between Centers	198.00
Maximum Distance Between Centers	45.00
Speed Ratio	1 : 2.9
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2 ~ 4

*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE

C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

D-240

Drilling & Tapping Multi Spindle Heads

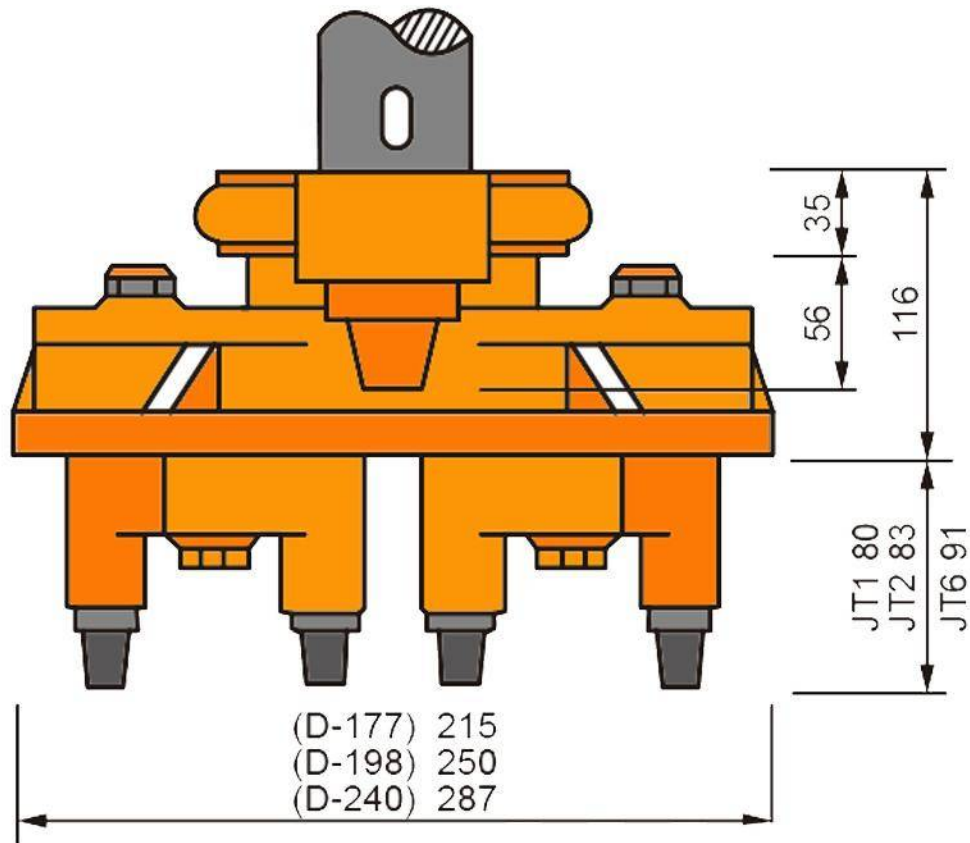




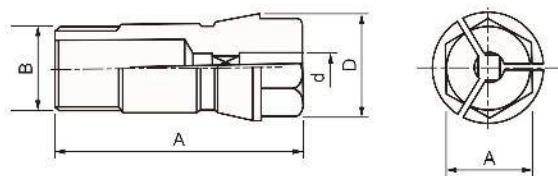
Characteristics & Dimensions

MODEL	D-240
Nozzle	C-12
Minimum Distance Between Centers	240.00
Maximum Distance Between Centers	55.00
Speed Ratio	1 : 3.2
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2 ~ 4

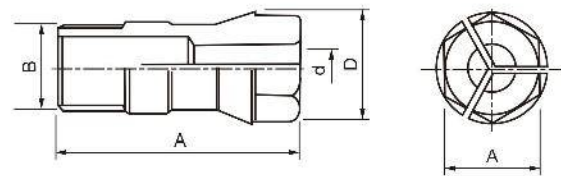
**** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.



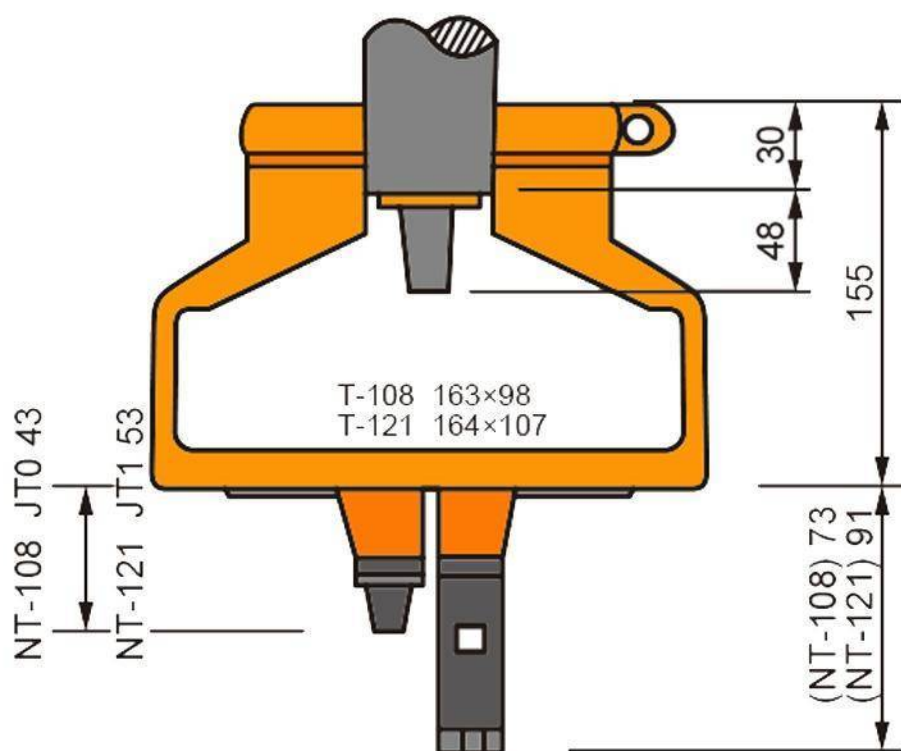
T/NT SERIES

DRILLING/TAPPING
MULTI SPINDLE HEADS

T-71

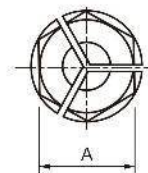
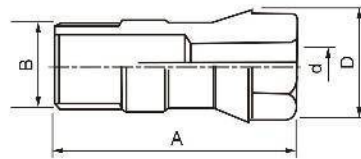
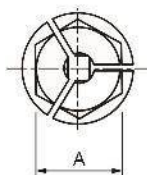
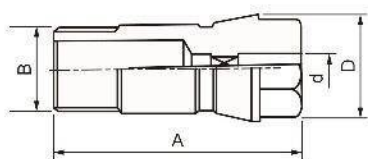
Drilling & Tapping Multi Spindle Heads





SERIE CT: PARA MACHUELEADO

SERIE C: PARA PERFORADO





Characteristics & Dimensions

MODEL	T-71
Nozzle	N-1
Minimum Distance Between Centers	71.00
Maximum Distance Between Centers	10.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø5
Maximum Tapping Capability	M4
Spindle	2.00

**** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

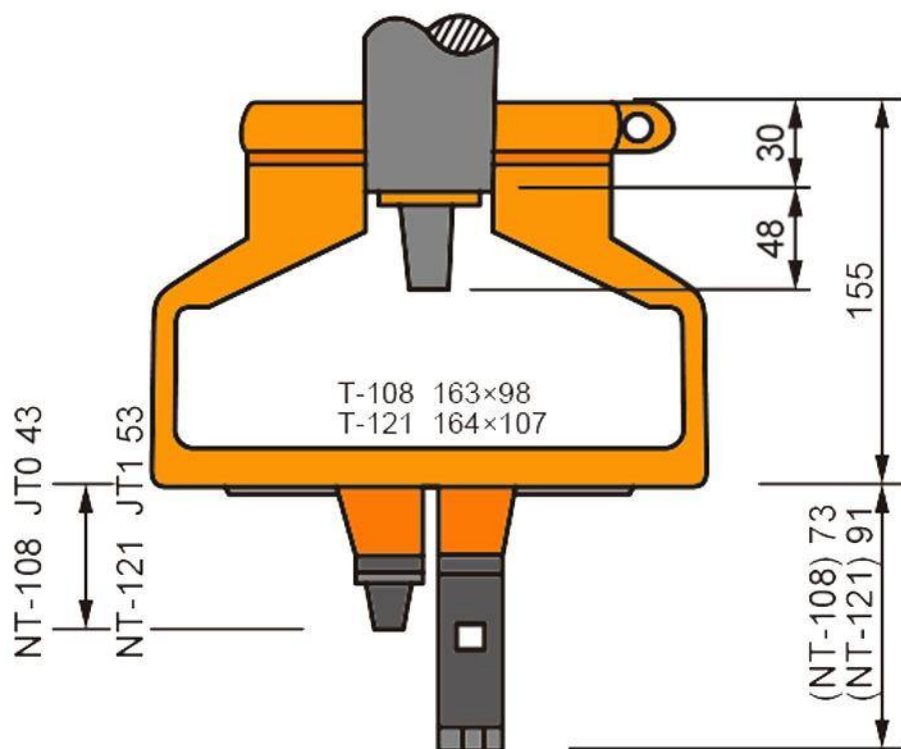
MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

T-74

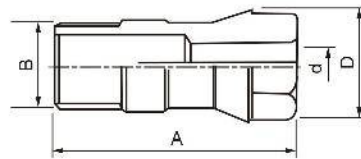
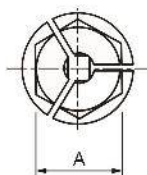
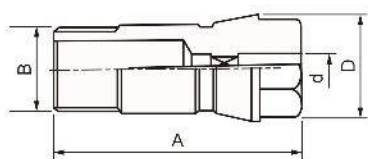
Drilling & Tapping Multi Spindle Heads





SERIE CT: PARA MACHUELEADO

SERIE C: PARA PERFORADO





Characteristics & Dimensions

MODEL	T-74
Nozzle	C-5
Minimum Distance Between Centers	74.00
Maximum Distance Between Centers	12.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø5
Maximum Tapping Capability	M4
Spindle	2.00

**** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

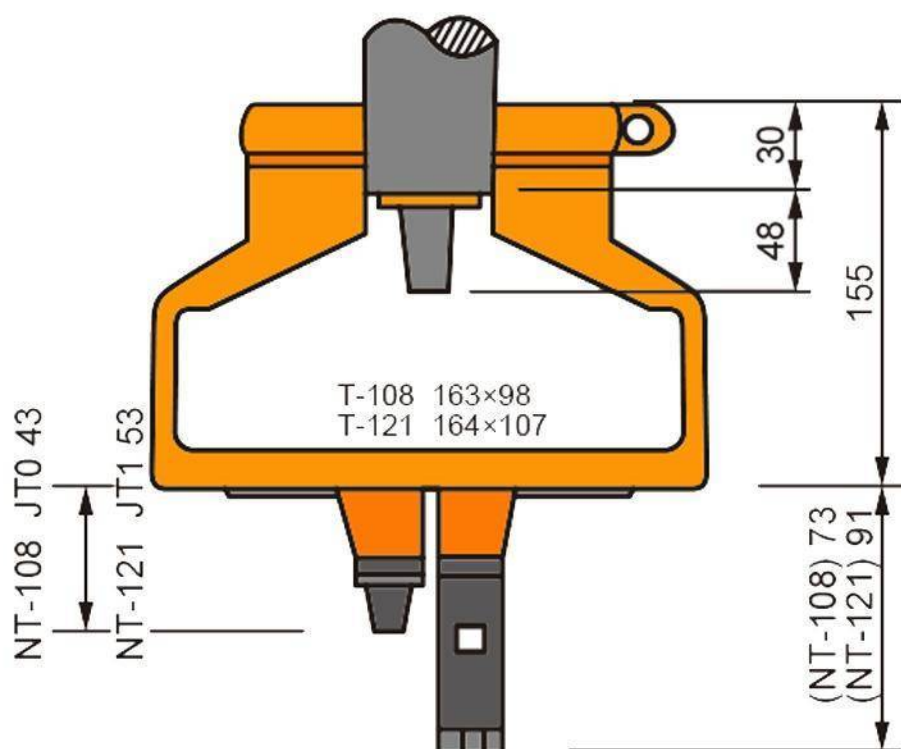
MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

NT-108

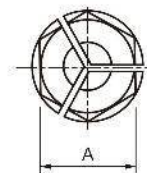
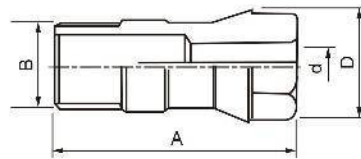
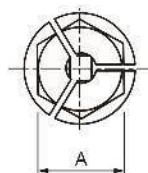
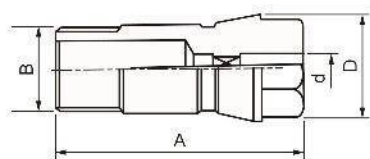
Drilling & Tapping Multi Spindle Heads





SERIE CT: PARA MACHUELEADO

SERIE C: PARA PERFORADO





Characteristics & Dimensions

MODEL	NT-108
Nozzle	C-6
Minimum Distance Between Centers	108.00
Maximum Distance Between Centers	18.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø6
Maximum Tapping Capability	M6
Spindle	2.00

**** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

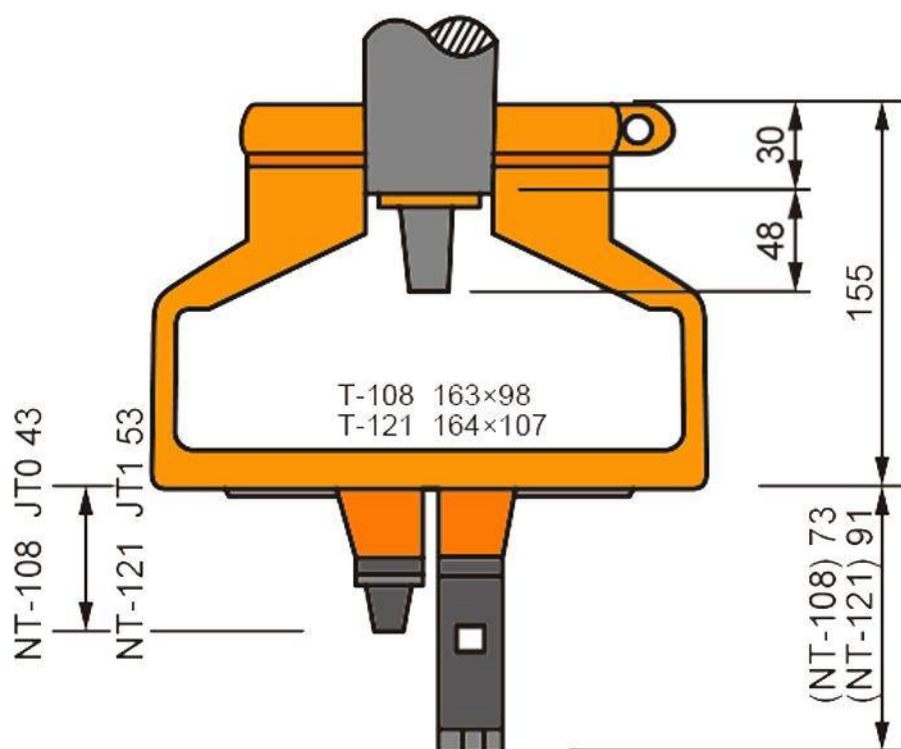
MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

NT-121 (C-9)

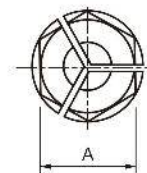
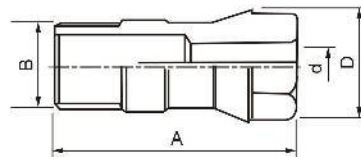
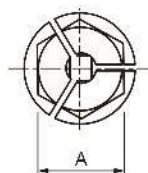
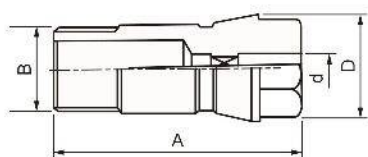
Drilling & Tapping Multi Spindle Heads





SERIE CT: PARA MACHUELEADO

SERIE C: PARA PERFORADO





Characteristics & Dimensions

MODEL	NT-121
Nozzle	C-9
Minimum Distance Between Centers	121.00
Maximum Distance Between Centers	28.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø9
Maximum Tapping Capability	M8
Spindle	2.00

**** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

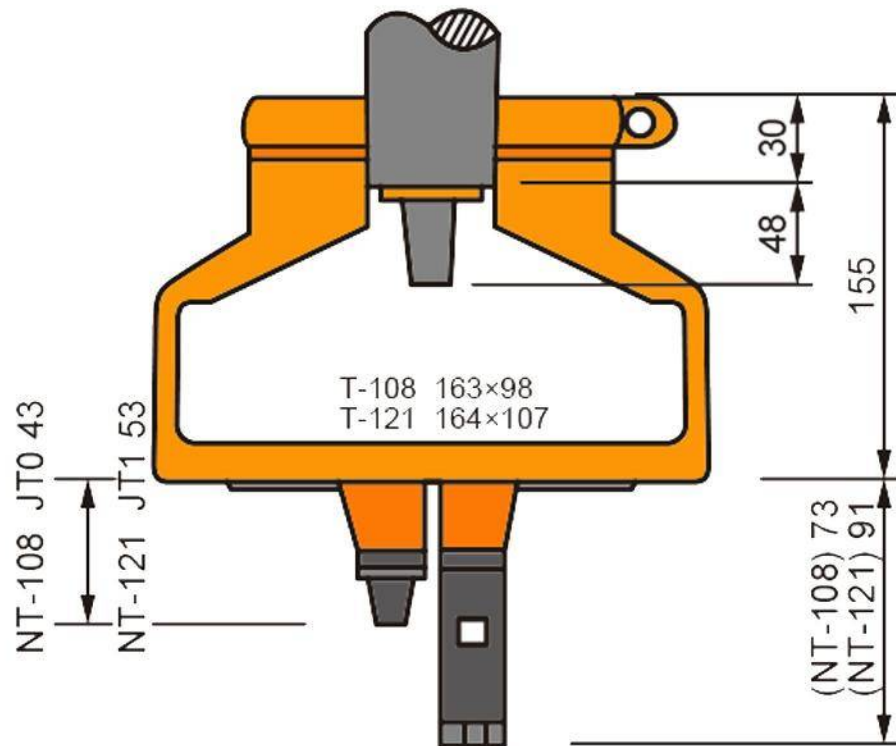
MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

NT-121 (C-12)

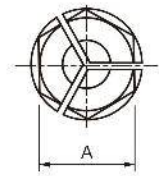
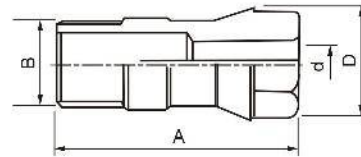
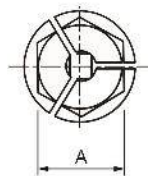
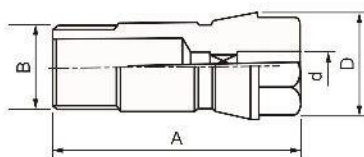
Drilling & Tapping Multi Spindle Heads





SERIE CT: PARA MACHUELEADO

SERIE C: PARA PERFORADO





Characteristics & Dimensions

MODEL	NT-121
Nozzle	C-12
Minimum Distance Between Centers	121.00
Maximum Distance Between Centers	28.00
Speed Ratio	1 : 1
Maximum Drilling Capability	Ø12
Maximum Tapping Capability	M12
Spindle	2.00

**** All dimension are given in millimeters.

Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.



U SERIES

DRILLING/TAPPING
MULTI SPINDLE HEADS

U-120

Drilling & Tapping Multi Spindle Heads

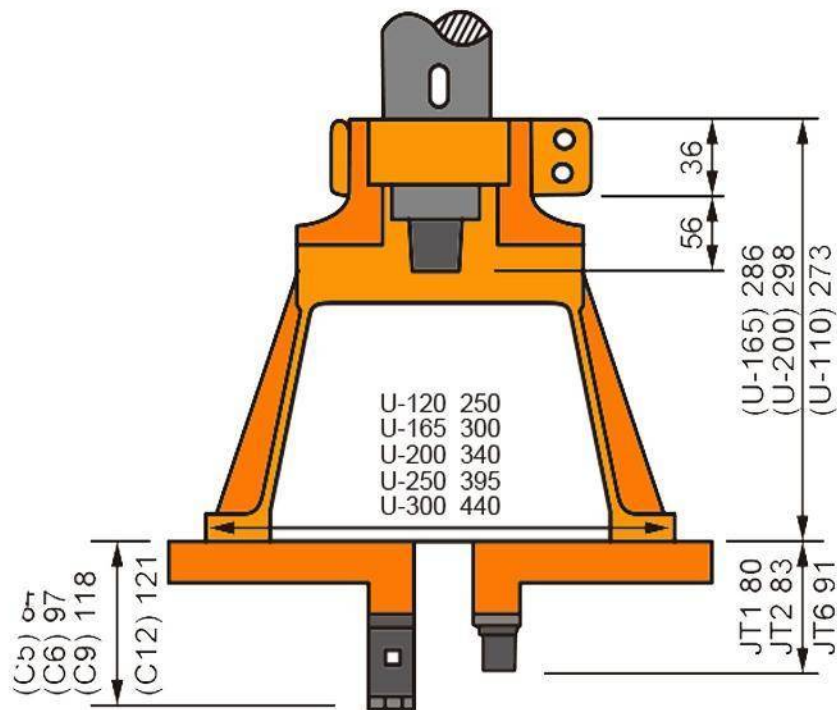




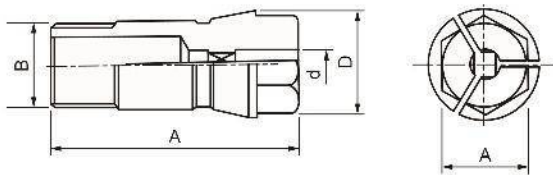
Characteristics & Dimensions

MODEL	U-120
Nozzle	C-5, C-6, C-9, C-12
Minimum Distance Between Centers	120.00
Maximum Distance Between Centers	C-5(13), C-6(18), C-9(27.5), C-12(30)
Speed Ratio	1 : 1
Maximum Drilling Capability	C-5(Ø5), C-6(Ø6), C-9(Ø9), C-12(Ø12)
Maximum Tapping Capability	C-5(M4), C-6(M6), C-9(M9), C-12(M12)
Spindle	3 ~ 6

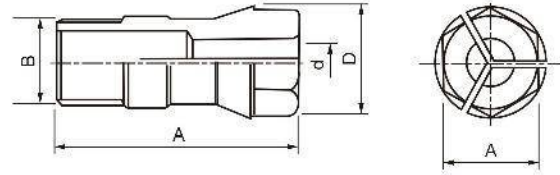
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

U-165

Drilling & Tapping Multi Spindle Heads

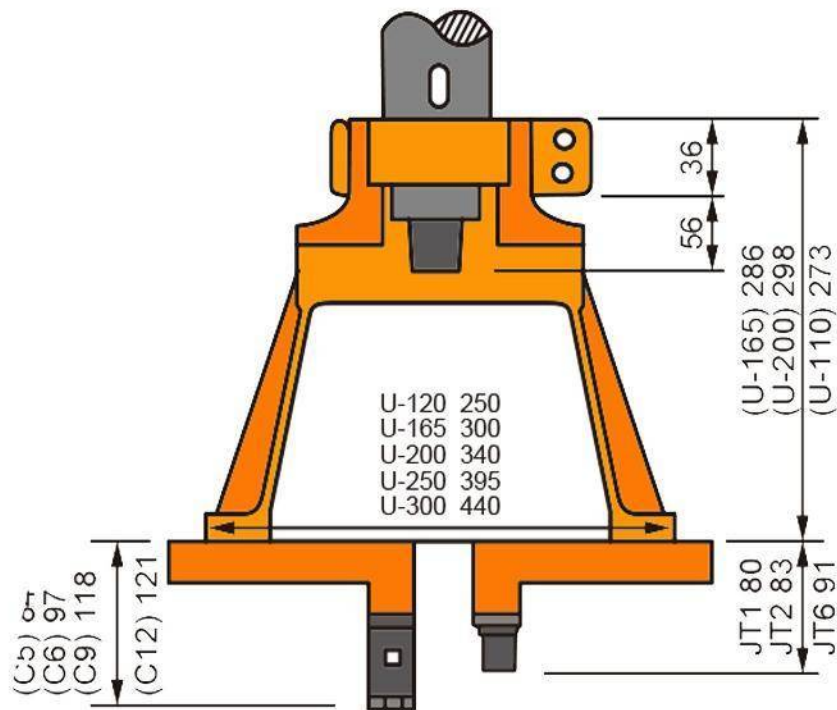




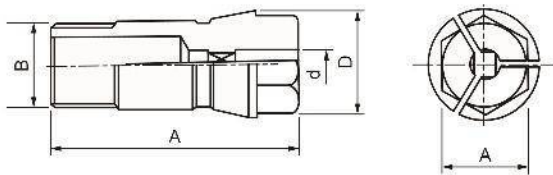
Characteristics & Dimensions

MODEL	U-165
Nozzle	C-5, C-6, C-9, C-12
Minimum Distance Between Centers	165.00
Maximum Distance Between Centers	C-5(13), C-6(18), C-9(27.5), C-12(30)
Speed Ratio	1 : 1
Maximum Drilling Capability	C-5(Ø5), C-6(Ø6), C-9(Ø9), C-12(Ø12)
Maximum Tapping Capability	C-5(M4), C-6(M6), C-9(M9), C-12(M12)
Spindle	4 ~ 10

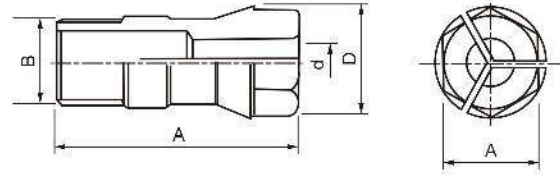
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

U-200

Drilling & Tapping Multi Spindle Heads

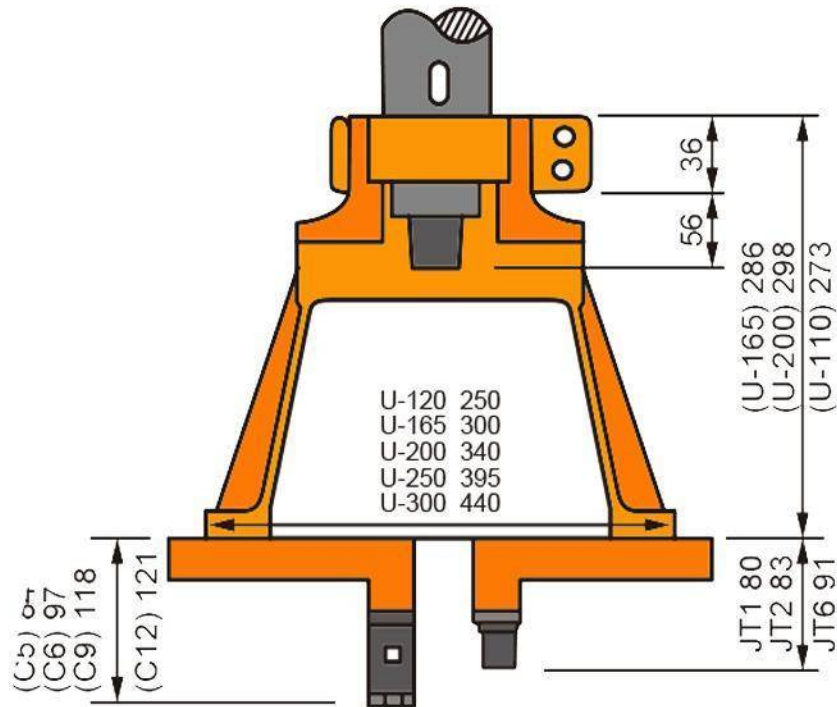




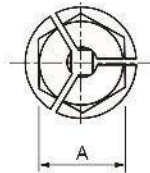
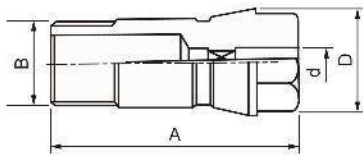
Characteristics & Dimensions

MODEL	U-200
Nozzle	C-5, C-6, C-9, C-12
Minimum Distance Between Centers	200.00
Maximum Distance Between Centers	C-5(13), C-6(18), C-9(27.5), C-12(30)
Speed Ratio	1 : 1
Maximum Drilling Capability	C-5(Ø5), C-6(Ø6), C-9(Ø9), C-12(Ø12)
Maximum Tapping Capability	C-5(M4), C-6(M6), C-9(M9), C-12(M12)
Spindle	4 ~ 12

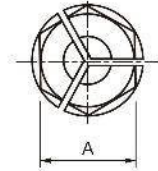
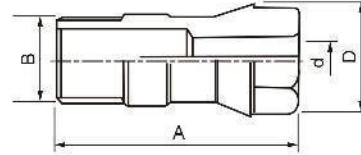
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

U-250

Drilling & Tapping Multi Spindle Heads

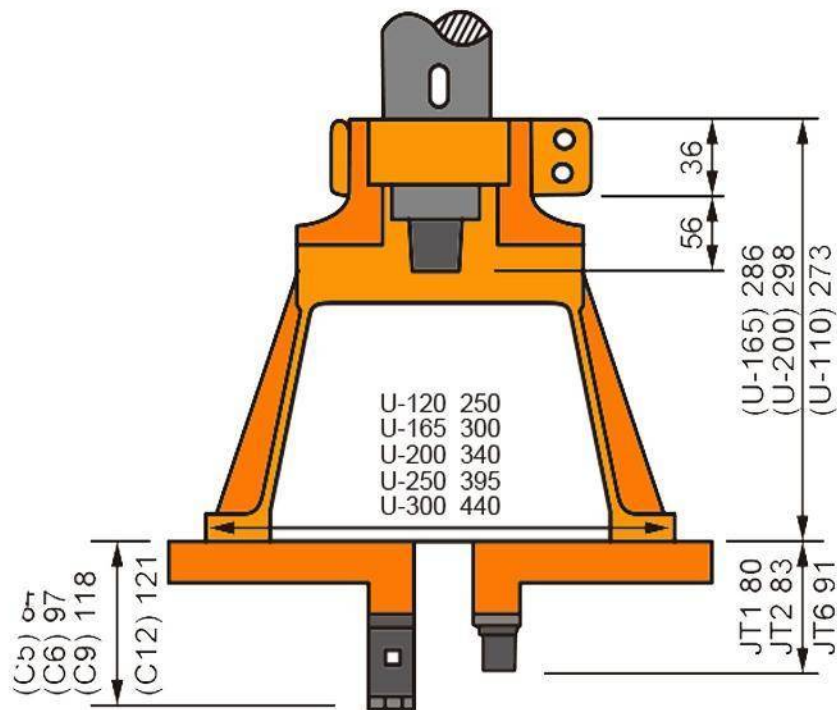




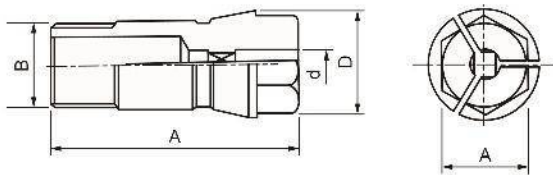
Characteristics & Dimensions

MODEL	U-250
Nozzle	C-5, C-6, C-9, C-12
Minimum Distance Between Centers	250.00
Maximum Distance Between Centers	C-5(13), C-6(18), C-9(27.5), C-12(30)
Speed Ratio	1 : 1
Maximum Drilling Capability	C-5(Ø5), C-6(Ø6), C-9(Ø9), C-12(Ø12)
Maximum Tapping Capability	C-5(M4), C-6(M6), C-9(M9), C-12(M12)
Spindle	4 ~ 12

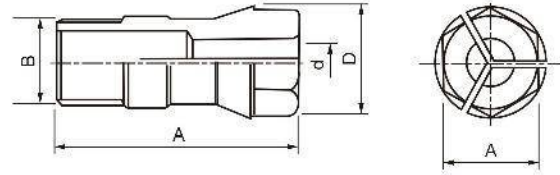
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

U-300

Drilling & Tapping Multi Spindle Heads

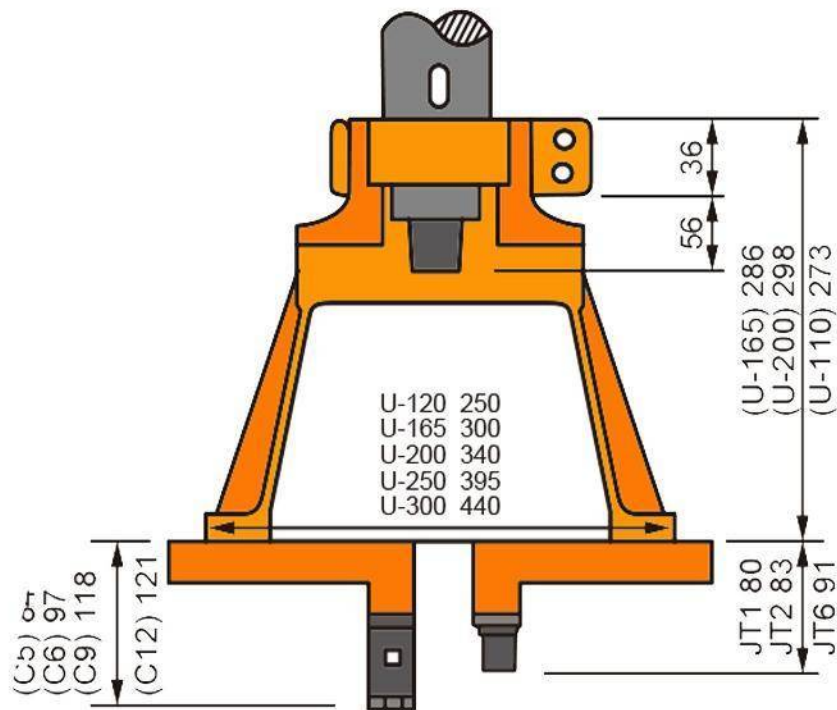




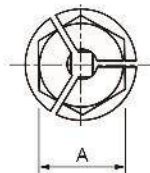
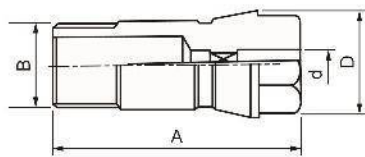
Characteristics & Dimensions

MODEL	U-300
Nozzle	C-5, C-6, C-9, C-12
Minimum Distance Between Centers	300.00
Maximum Distance Between Centers	C-5(13), C-6(18), C-9(27.5), C-12(30)
Speed Ratio	1 : 1
Maximum Drilling Capability	C-5(Ø5), C-6(Ø6), C-9(Ø9), C-12(Ø12)
Maximum Tapping Capability	C-5(M4), C-6(M6), C-9(M9), C-12(M12)
Spindle	4 ~ 12

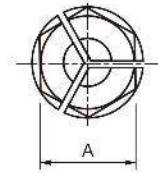
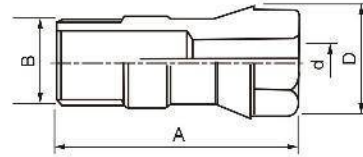
*** All dimension are given in millimeters.



CT SERIES: TAPPING TYPE



C SERIES: DRILLING TYPE



Characteristics & Dimensions

TAPPING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
CT-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	M3.50 x 0.60
CT-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	M4 x 0.70
CT-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	M6 x 1.00
CT-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	M8 x 1.25
CT-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	M12 x 1.75
CT-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	M14 x 2.00
CT-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	M18 x 2.50
NT-1	2.00 ~ 5.00	8.20	30.10	1/4 - 28UNF	7.00	M4 x 0.70

DRILLING NOZZLES

MODEL	Ød	ØD	ØL	B	A	Ø CAPACITY
C-4	2.00 ~ 4.00	8.20	24.00	1/4 - 28UNF	6.00	4.00
C-5	2.00 ~ 5.00	10.80	31.50	5/16 - 24UNF	8.00	5.00
C-6	2.00 ~ 6.00	13.10	36.00	3/8 - 24UNF	10.00	6.00
C-9	2.00 ~ 7.00	17.00	46.00	1/2 - 20UNF	14.00	9
C-12	3.00 ~ 9.00	21.00	50.00	5/8 - 18UNF	17.00	12.00
C-14	3.00 ~ 12.00	24.50	54.00	3/4 - 16UNF	21.00	14.00
C-16	3.00 ~ 14.00	31.00	70.00	M24 - 2.00	26.00	16.00
NT-1	3.00 ~ 12.00	8.20	30.10	1/4 - 28UNF	7.00	5.00

**** All dimension are given in millimeters.

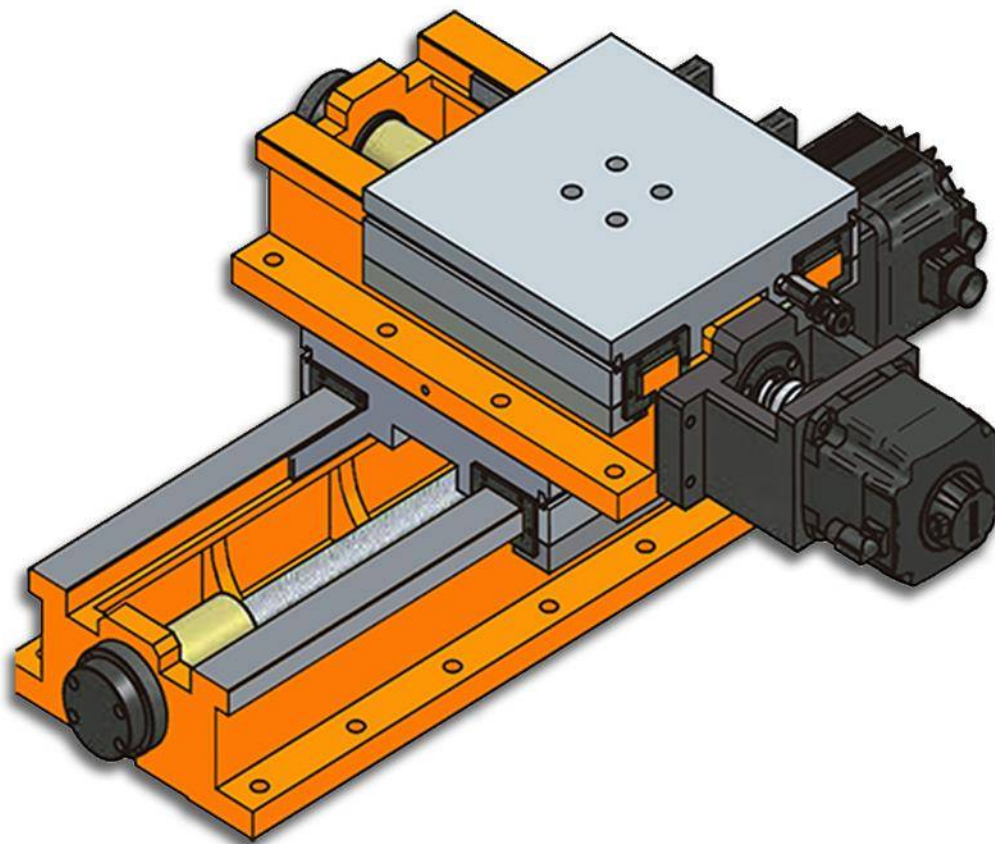


CBB SERIES

CROSSED SERVO SLIDE
TABLE WITH TEMPERED
GUIDES AND BALL SCREW

CBB-150

Servo Crossed Sliding Tables With Hardened Guides And Ball Screw





Characteristics & Dimensions

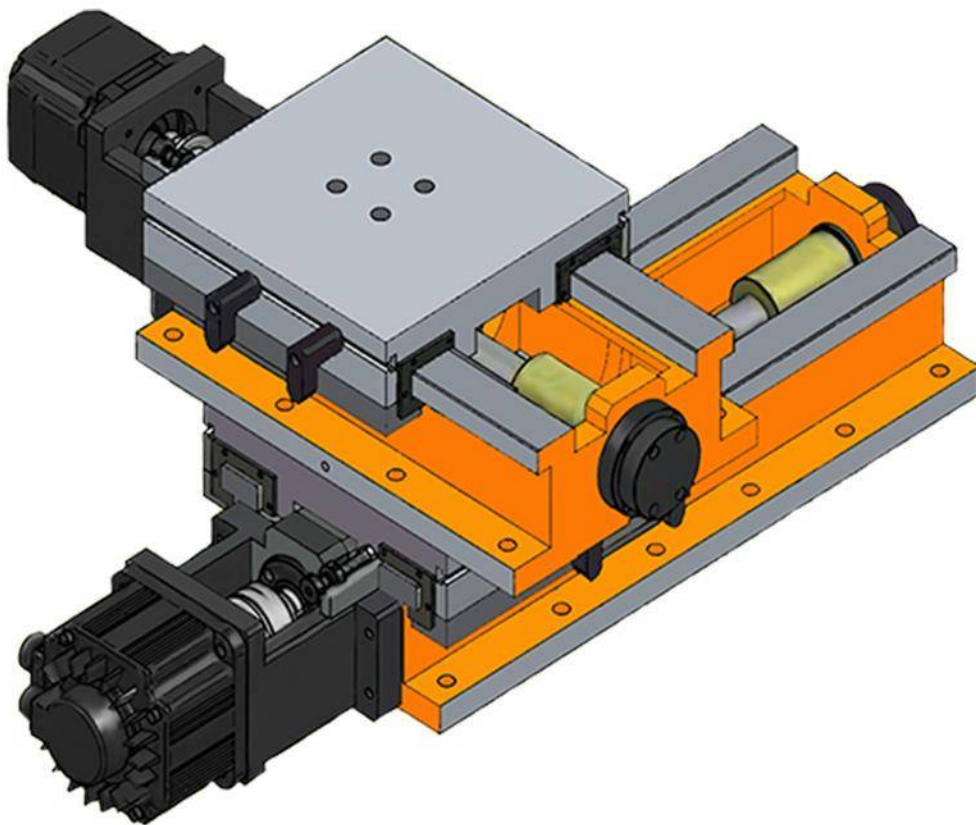
MODEL	CBB150
Profile Width	150.00
Cross Slide Stroke On "X" Axis	80.00 ~ 180.00
Cross Slide Stroke On "Y" Axis	80.00 ~ 180.00
Parallelism	Within 0.01 mm / 100.00 mm

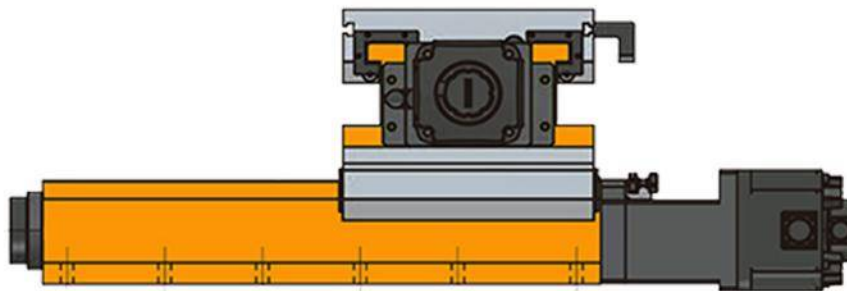
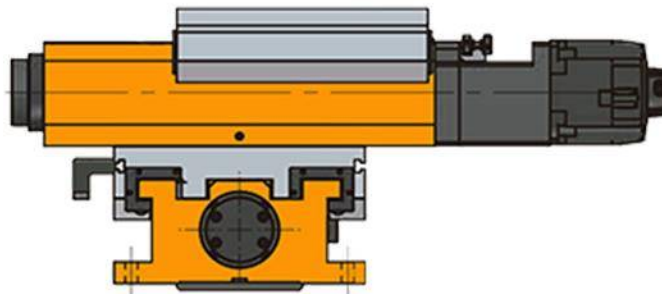
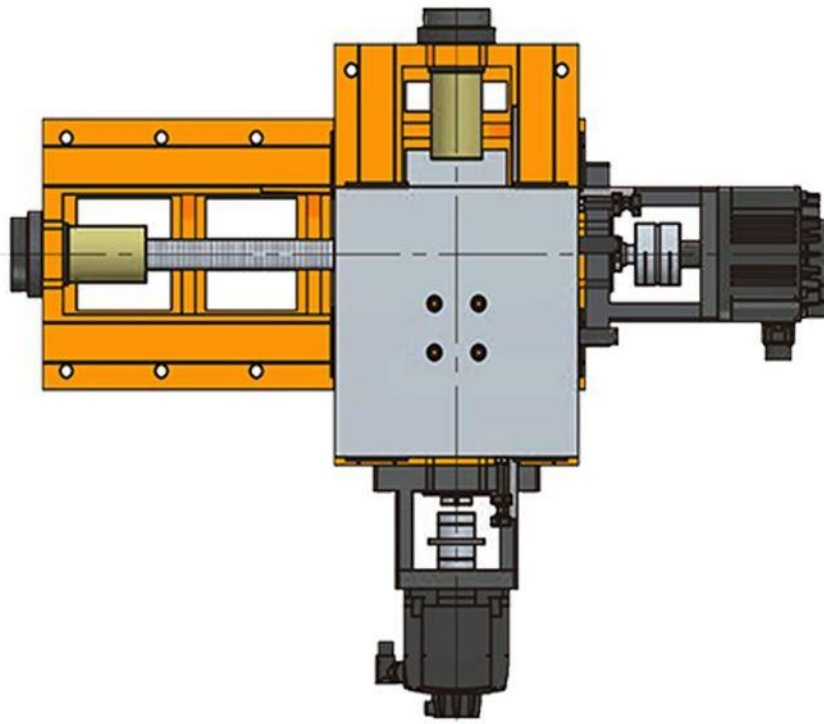
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included.

** **Turcite®** is included on slide ways to reduce friction.

*** All dimension are given in millimeters.

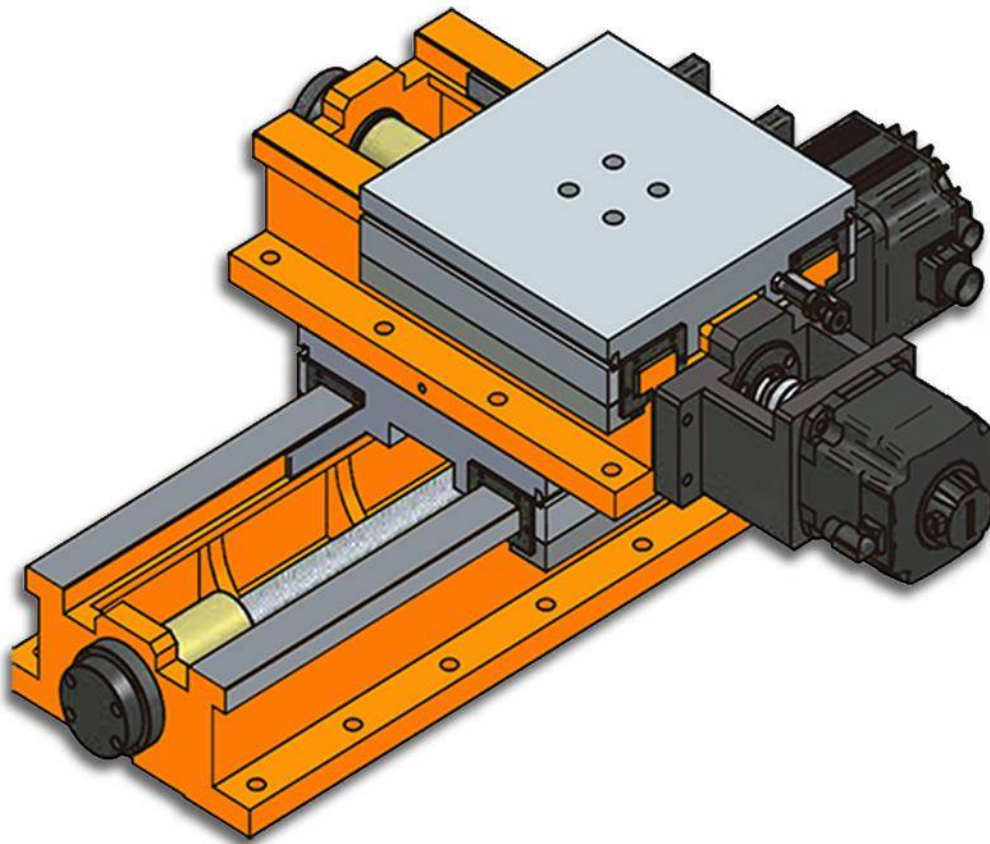
**** Ball Screw Class **C5** or **C3** is available upon request..





CBB-180

Servo Crossed Sliding Tables With Hardened Guides And Ball Screw





Characteristics & Dimensions

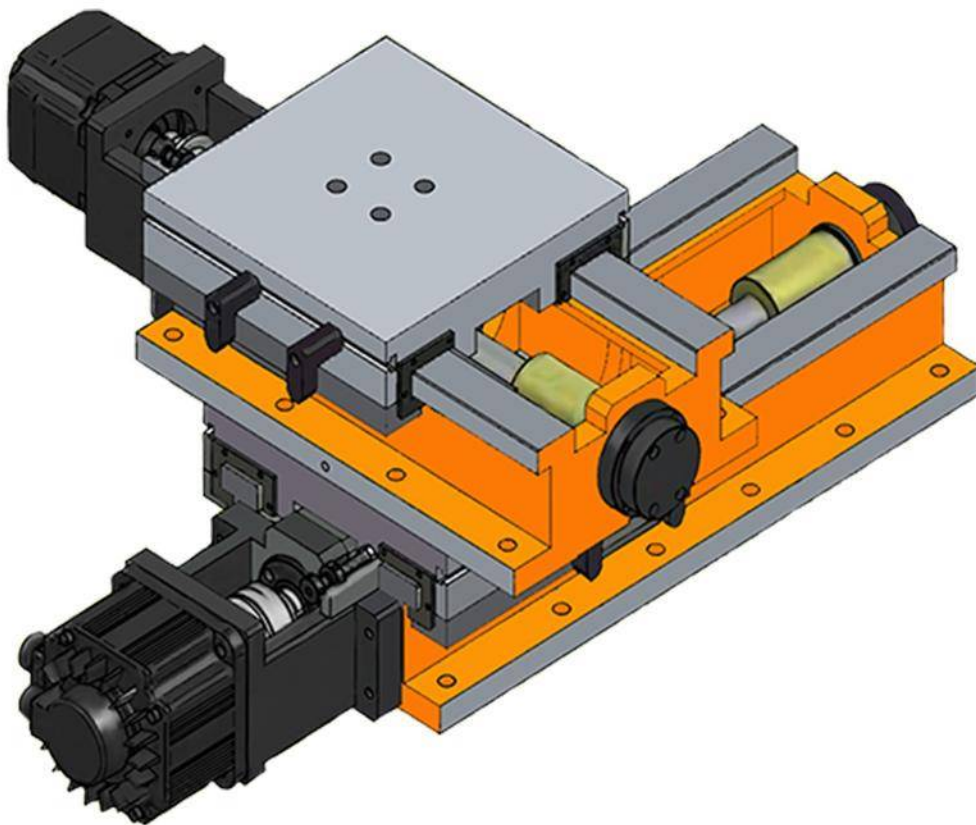
MODEL	CBB-180
Profile Width	180.00
Cross Slide Stroke On "X" Axis	100.00 ~ 200.00
Cross Slide Stroke On "Y" Axis	100.00 ~ 200.00
Parallelism	Within 0.01 mm / 100.00 mm

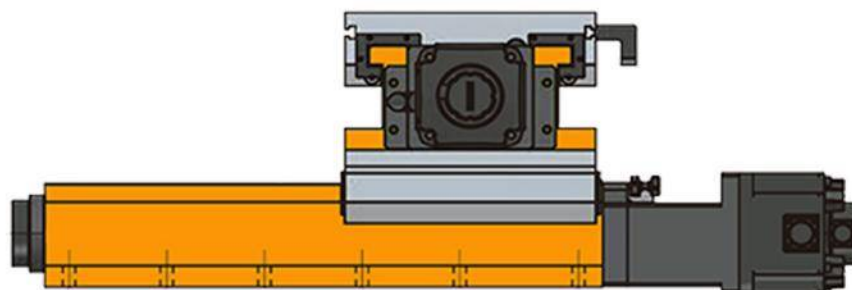
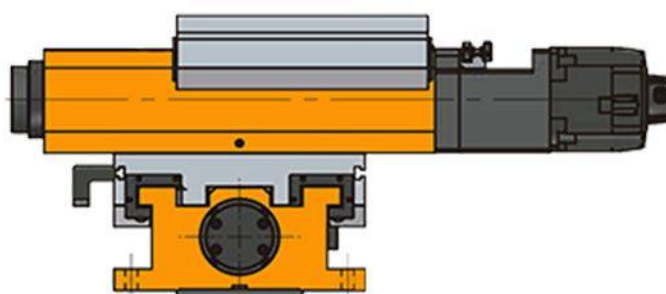
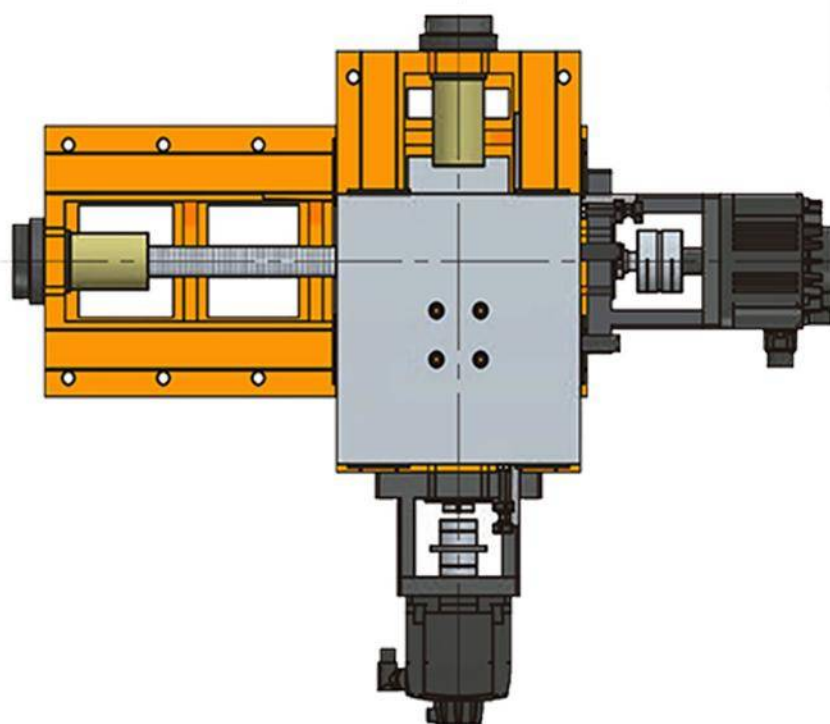
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included.

** **Turcite®** is included on slide ways to reduce friction.

*** All dimension are given in millimeters.

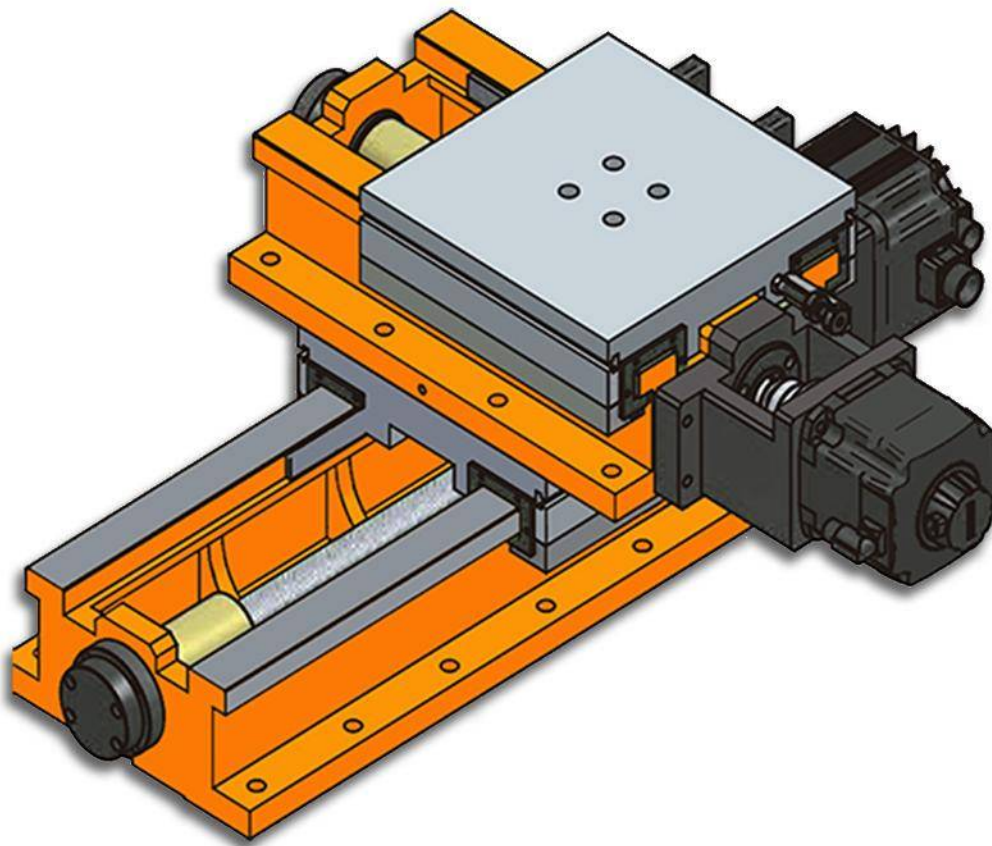
**** Ball Screw Class **C5** or **C3** is available upon request..

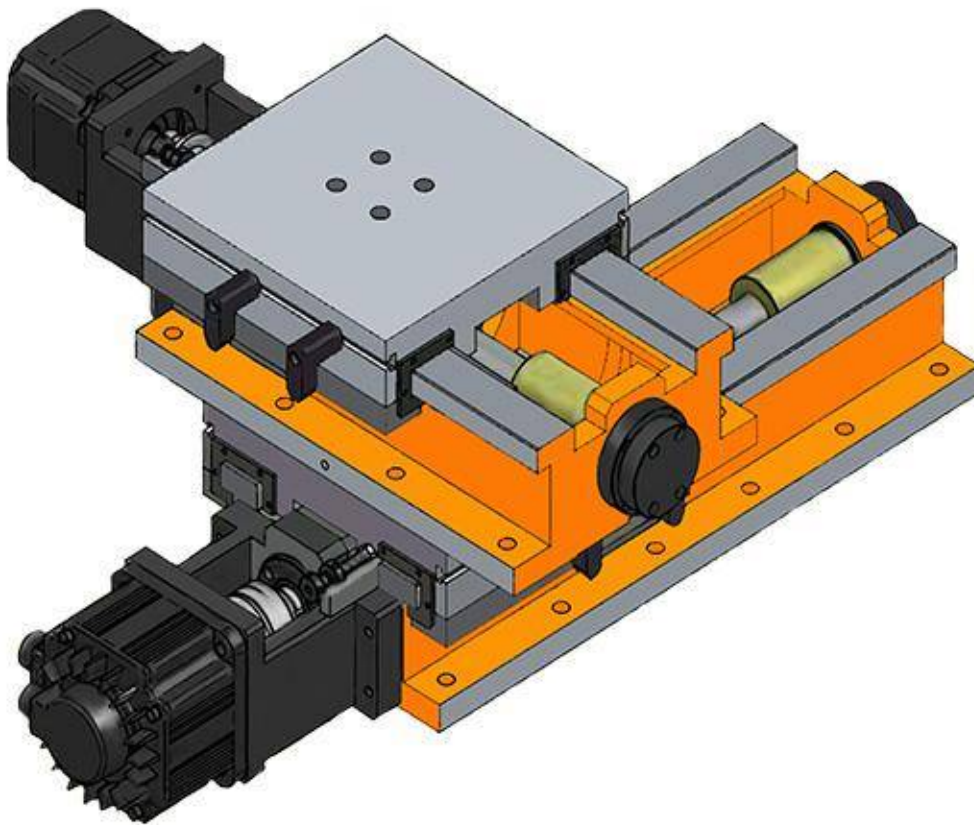


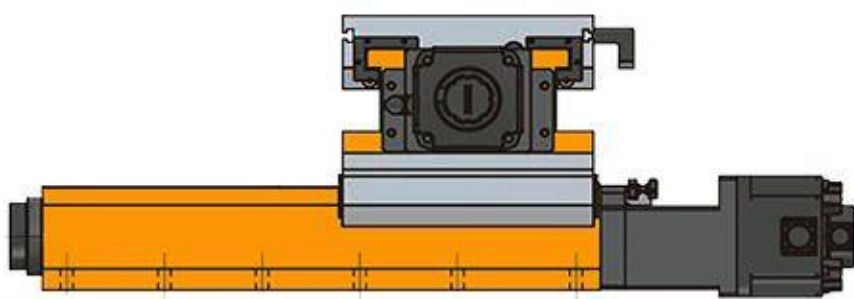
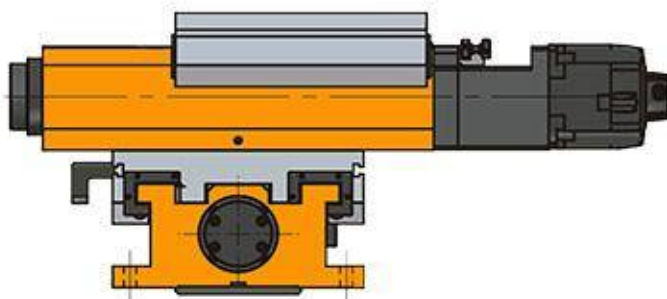
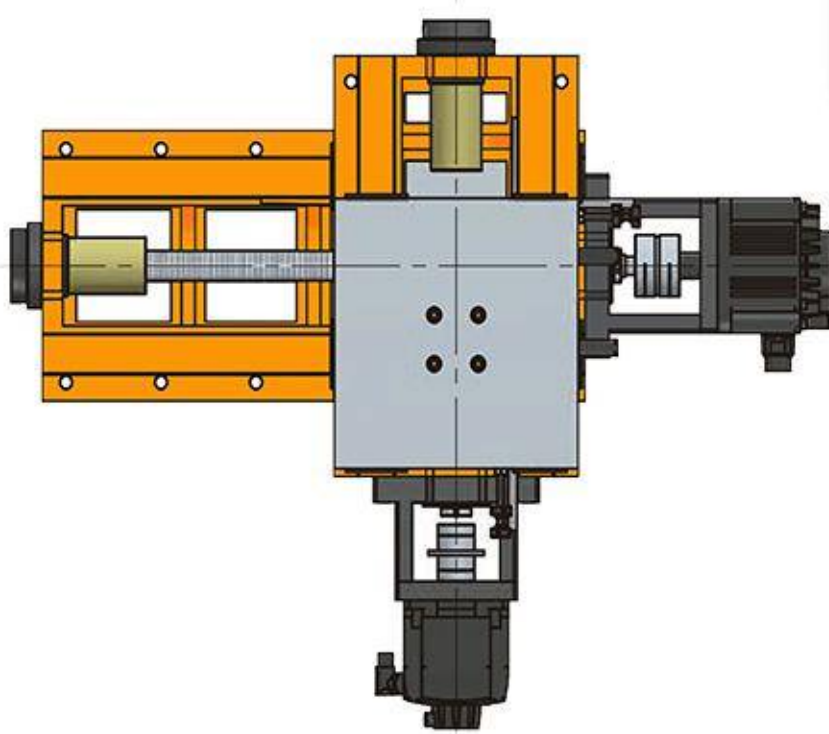


CBB-220

Servo Crossed Sliding Tables With Hardened Guides And Ball Screw







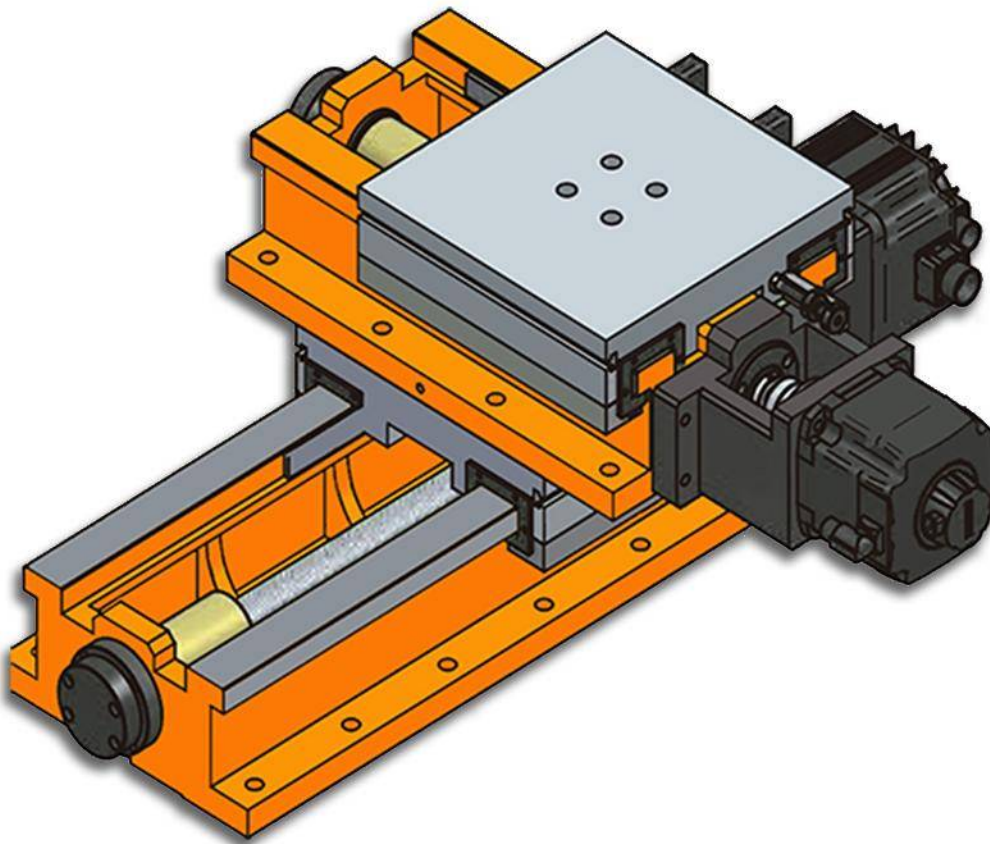


Characteristics & Dimensions

Model	CBB-220
Profile Width	220.00
Cross Slide Stroke On "X" Axis	100.00 ~ 500.00
Cross Slide Stroke On "Y" Axis	100.00 ~ 500.00
Parallelism	Within 0.01 mm / 100.00 mm
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included. ** Turcite® is included on slide ways to reduce friction. *** All dimension are given in millimeters. **** Ball Screw Class C5 or C3 is available upon request..	

CBB-250

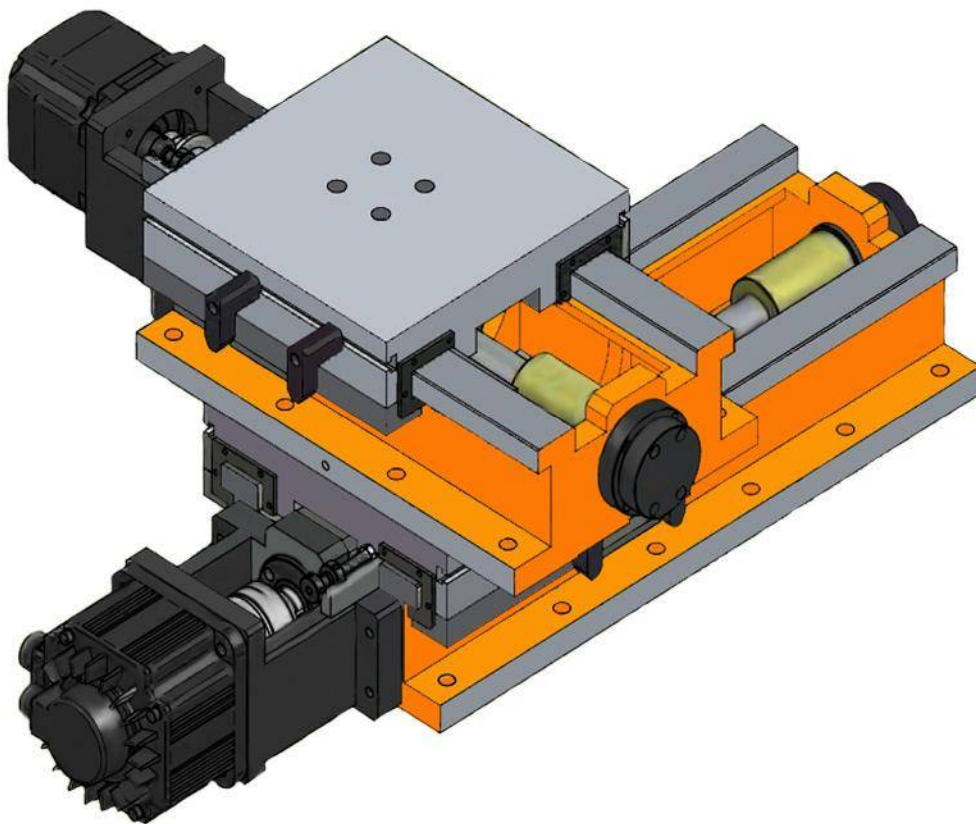
Servo Crossed Sliding Tables With Hardened Guides And Ball Screw

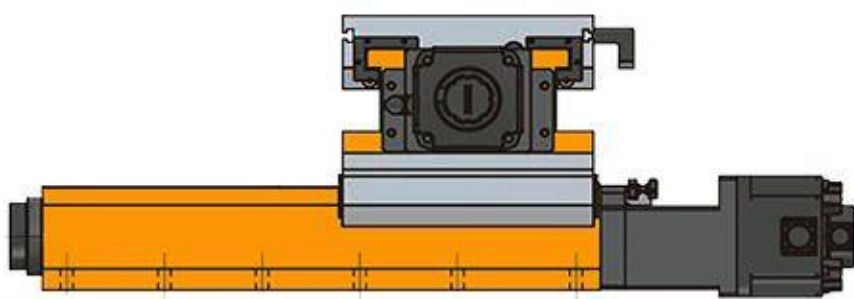
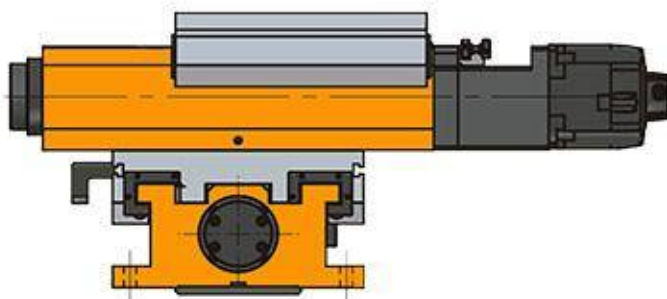
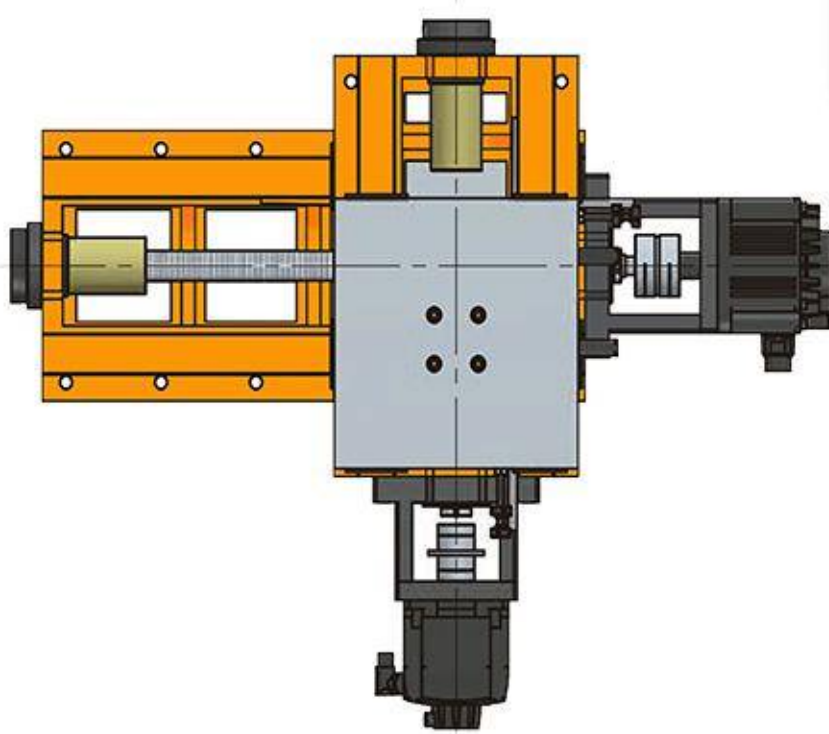




Characteristics & Dimensions

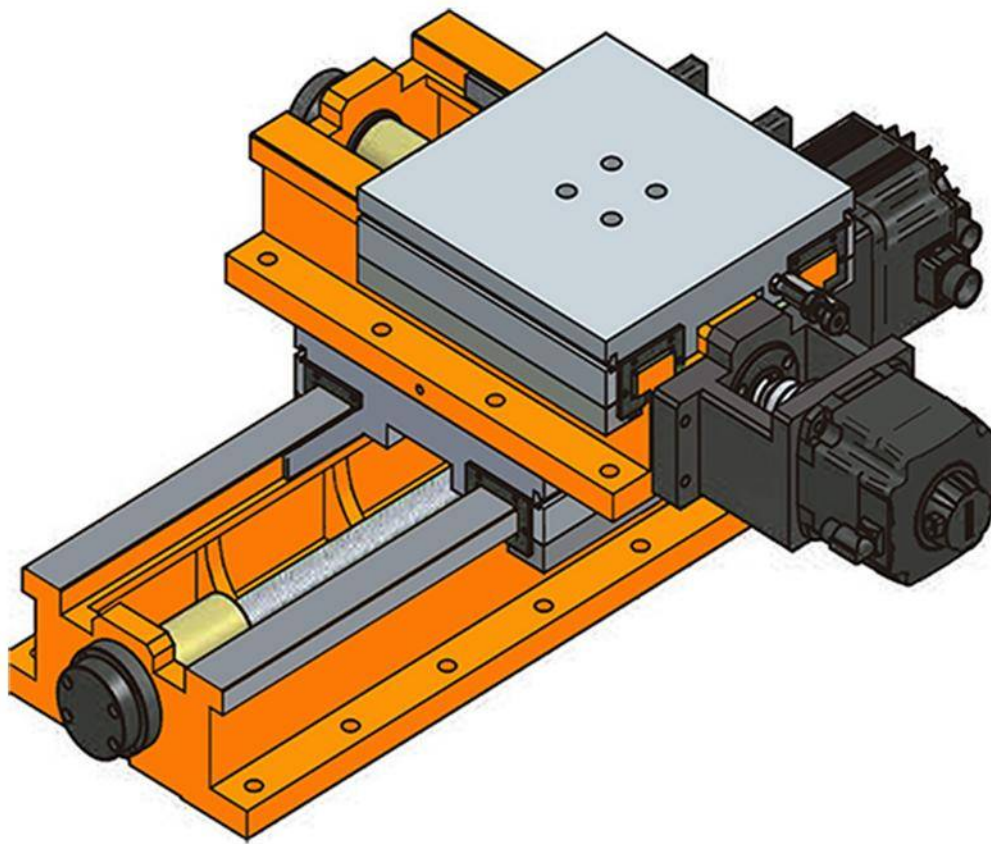
Model	CBB-250
Profile Width	250.00
Cross Slide Stroke On "X" Axis	100.00 ~ 760.00
Cross Slide Stroke On "Y" Axis	100.00 ~ 760.00
Parallelism	Within 0.01 mm / 100.00 mm
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included. ** Turcite® is included on slide ways to reduce friction. *** All dimension are given in millimeters. **** Ball Screw Class C5 or C3 is available upon request..	





CBB-300

Servo Crossed Sliding Tables With Hardened Guides And Ball Screw





Characteristics & Dimensions

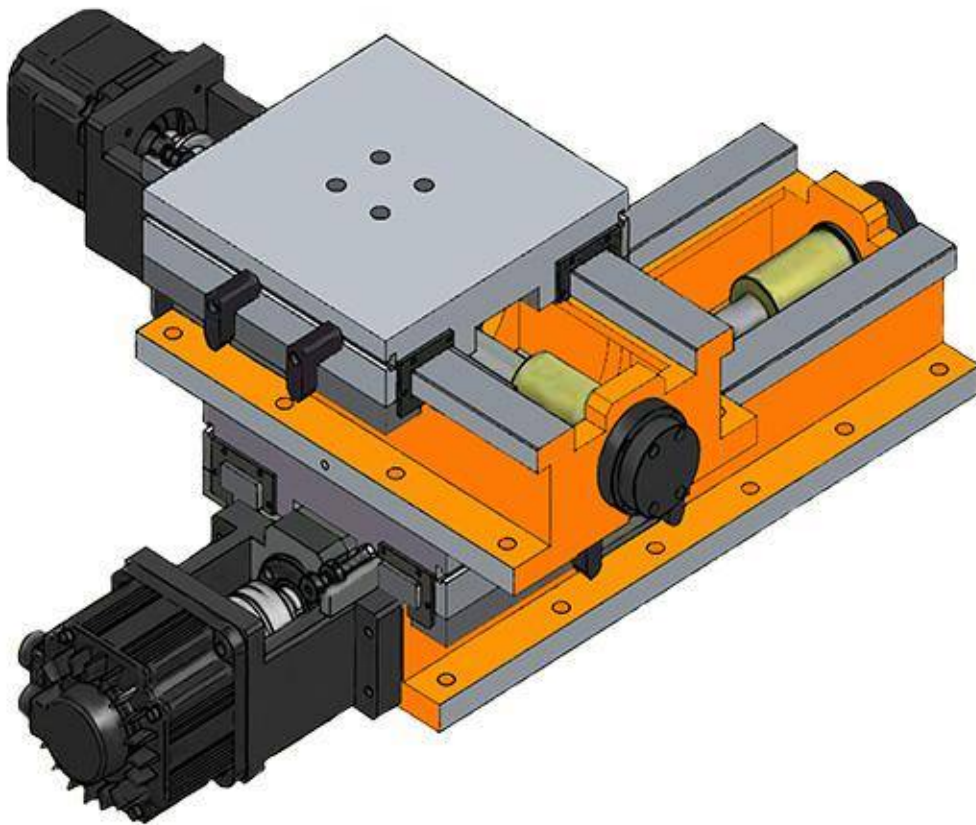
Model	CBB-300
Profile Width	300.00
Cross Slide Stroke On "X" Axis	100.00 ~ 760.00
Cross Slide Stroke On "Y" Axis	100.00 ~ 760.00
Parallelism	Within 0.01 mm / 100.00 mm

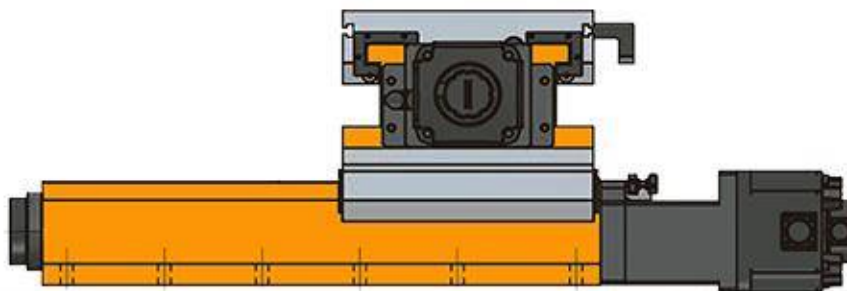
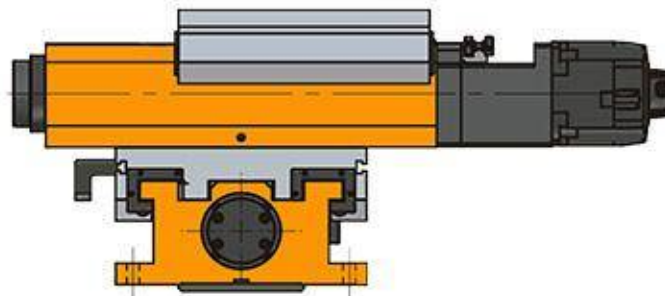
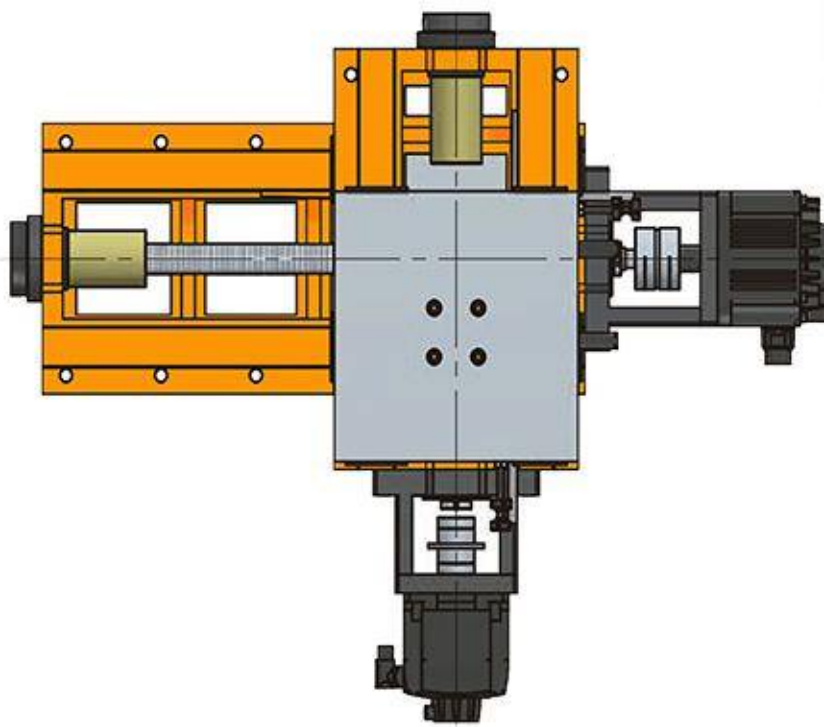
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included.

** **Turcite®** is included on slide ways to reduce friction.

*** All dimension are given in millimeters.

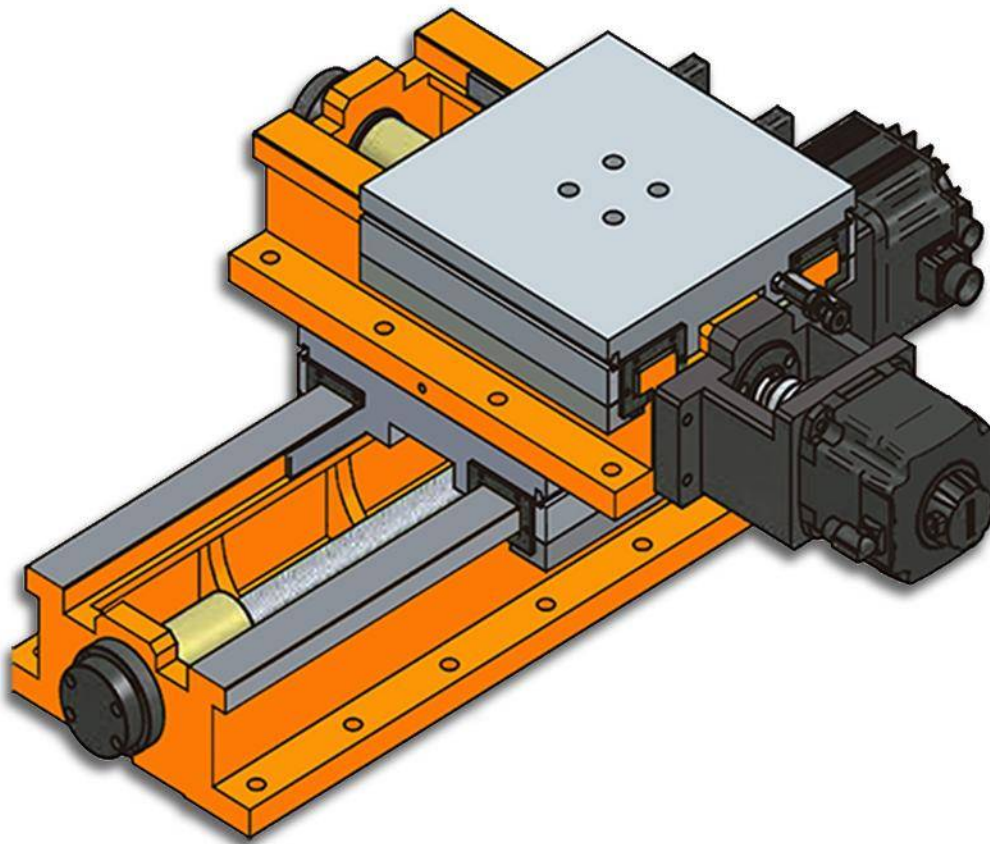
**** Ball Screw Class **C5** or **C3** is available upon request..





CBB-360

Servo Crossed Sliding Tables With Hardened Guides And Ball Screw





Characteristics & Dimensions

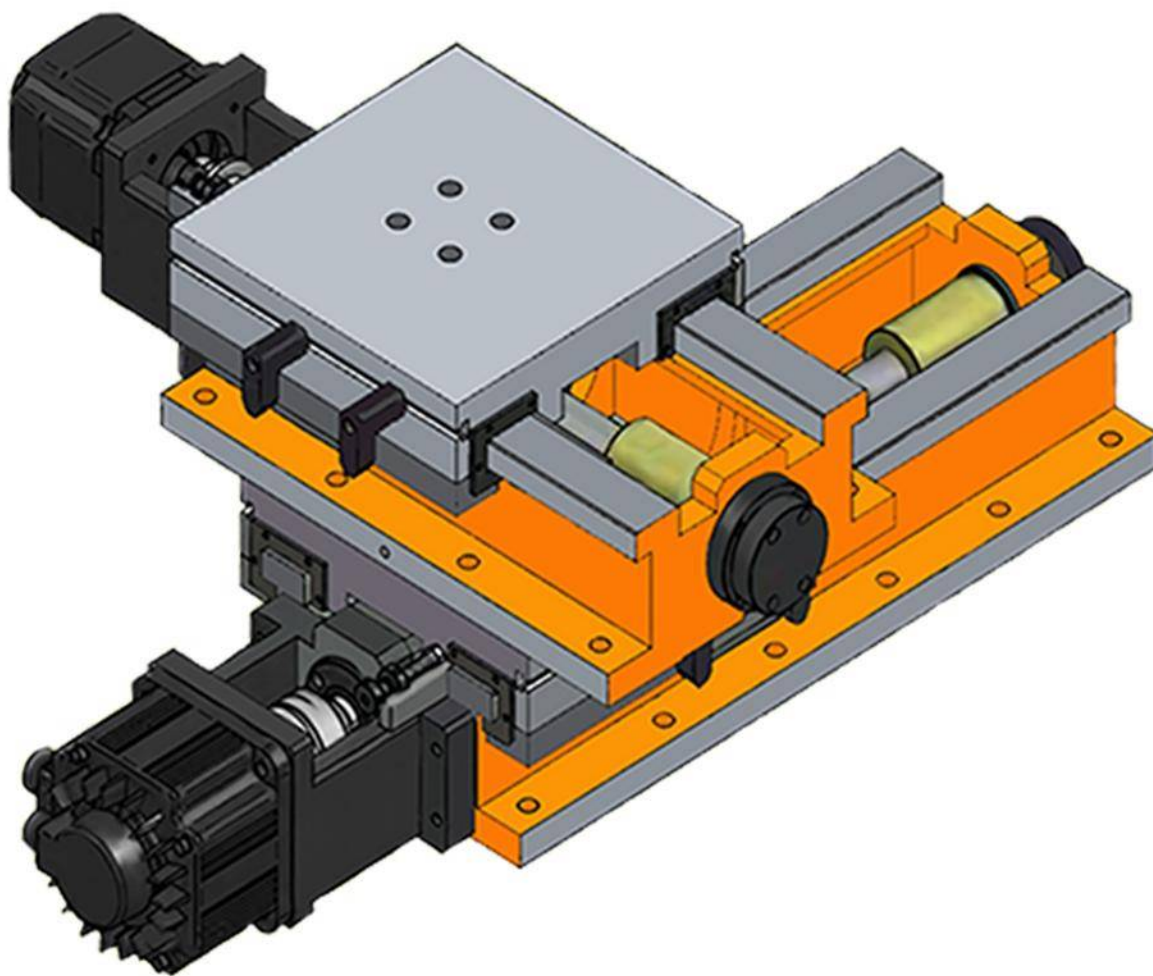
Model	CBB-360
Profile Width	360.00
Cross Slide Stroke On "X" Axis	180.00 ~ 580.00
Cross Slide Stroke On "Y" Axis	180.00 ~ 580.00
Parallelism	Within 0.01 mm / 100.00 mm

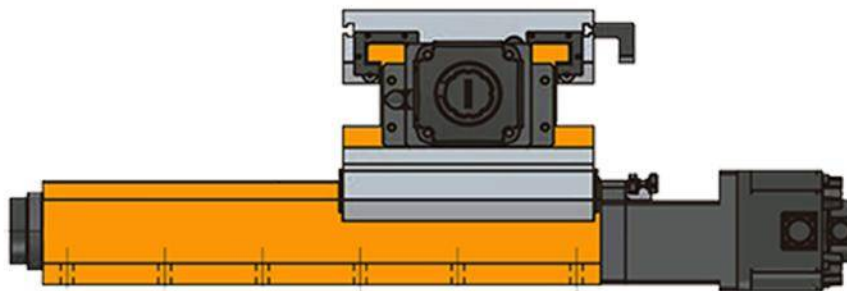
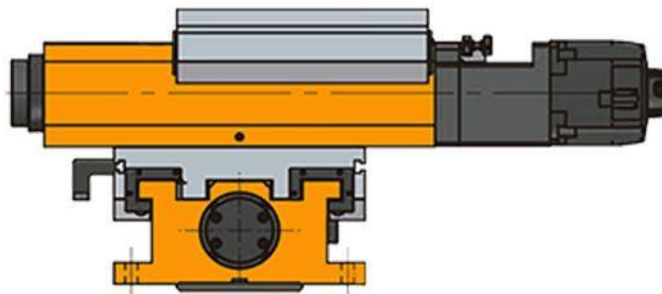
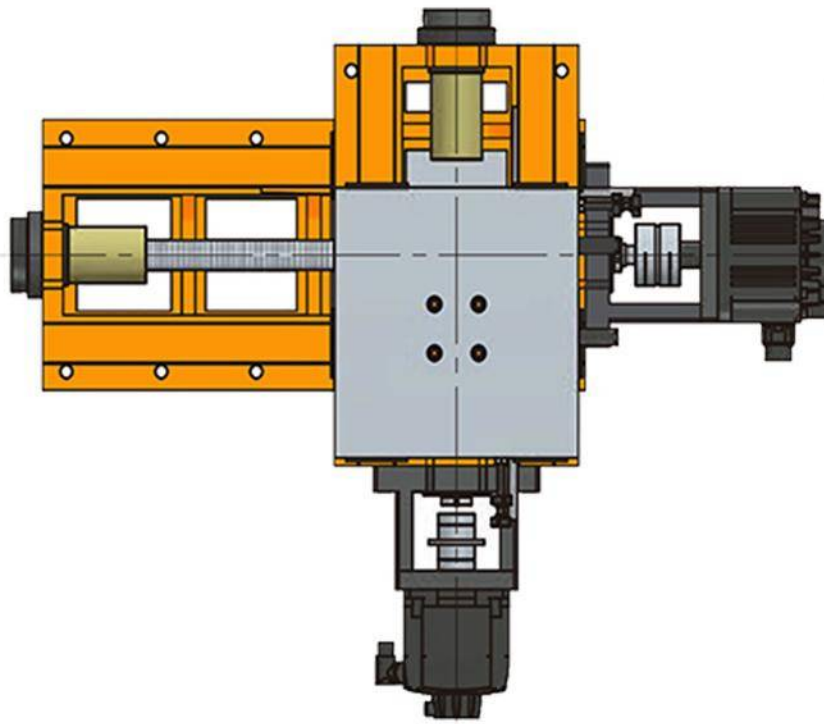
* Servo Motor Stand / Coupling Bases / Steel Telescopic Covers Included.

** **Turcite®** is included on slide ways to reduce friction.

*** All dimension are given in millimeters.

**** Ball Screw Class **C5** or **C3** is available upon request..





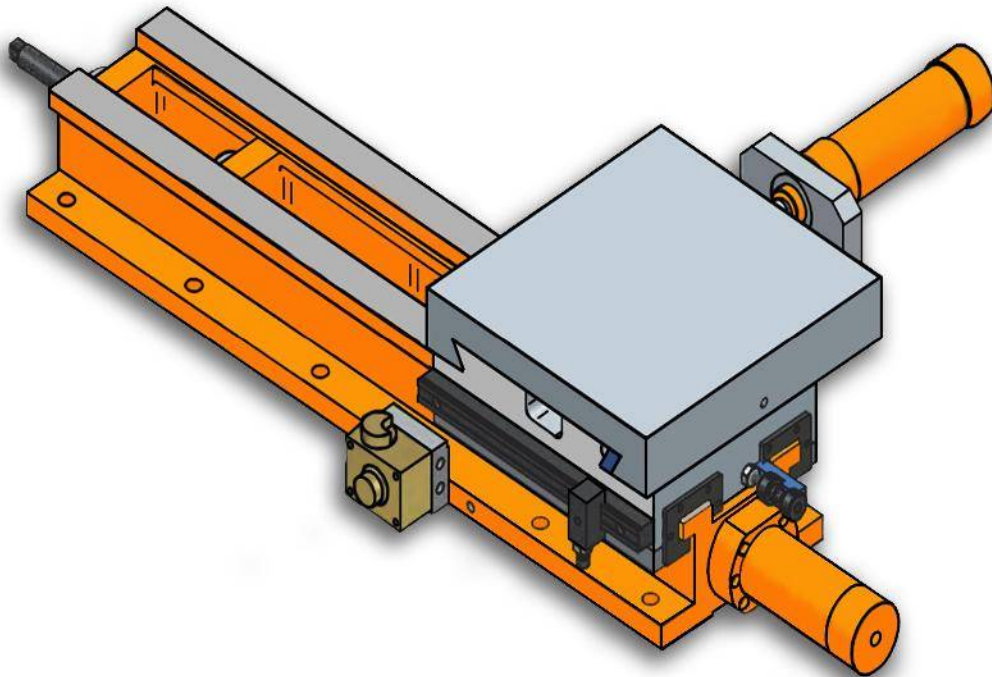


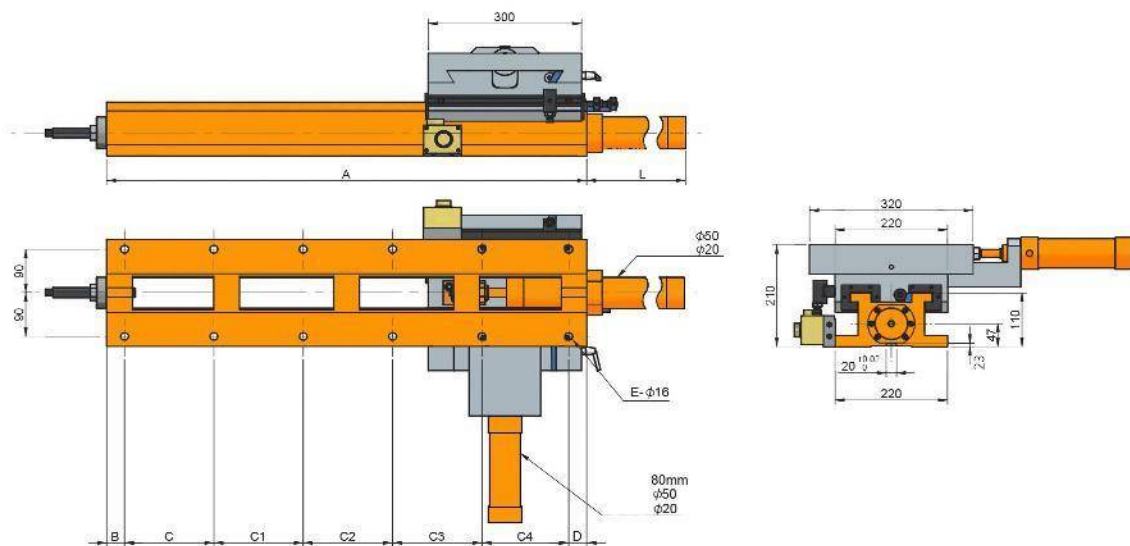
CHH SERIES

HYDRAULIC CROSSED
SLIDE TABLE

CHH220-300/420

Hydraulic Movement Crossed Sliding Table







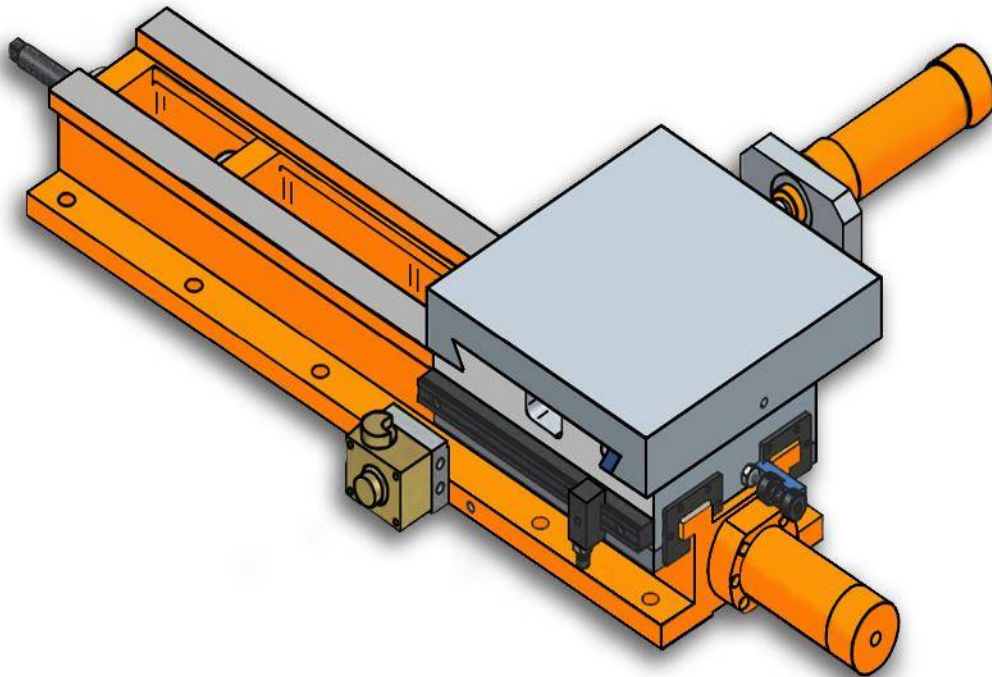
Characteristics & Dimensions

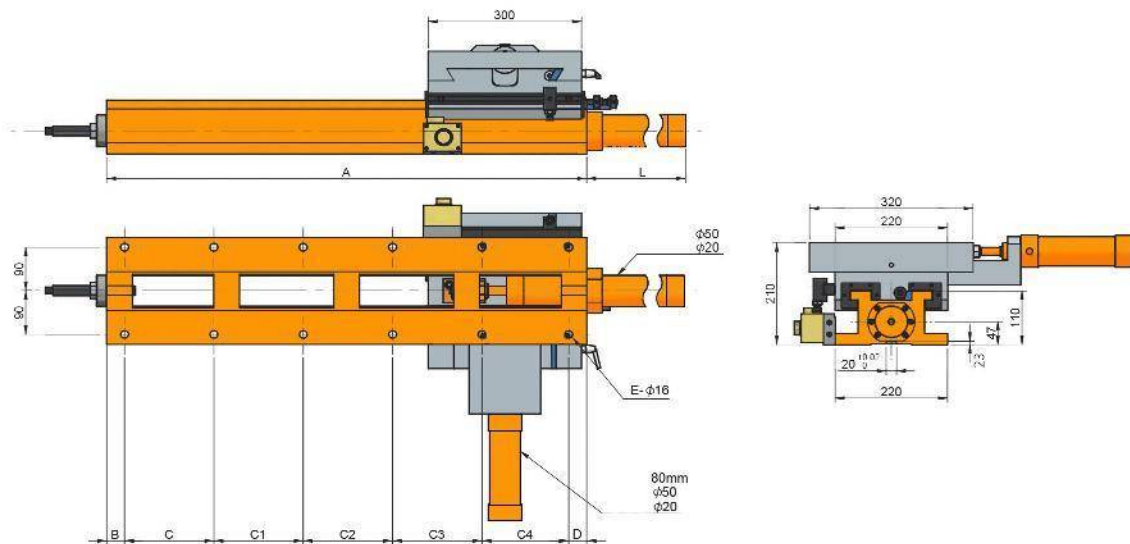
MODEL	CHH220-300/420
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
D	35.00
E	6.00
F	65.00
"X" Maximum Stroke	100.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	110.00

*** All dimensions are given in millimeters.

CHH220-300/520

Hydraulic Movement Crossed Sliding Table







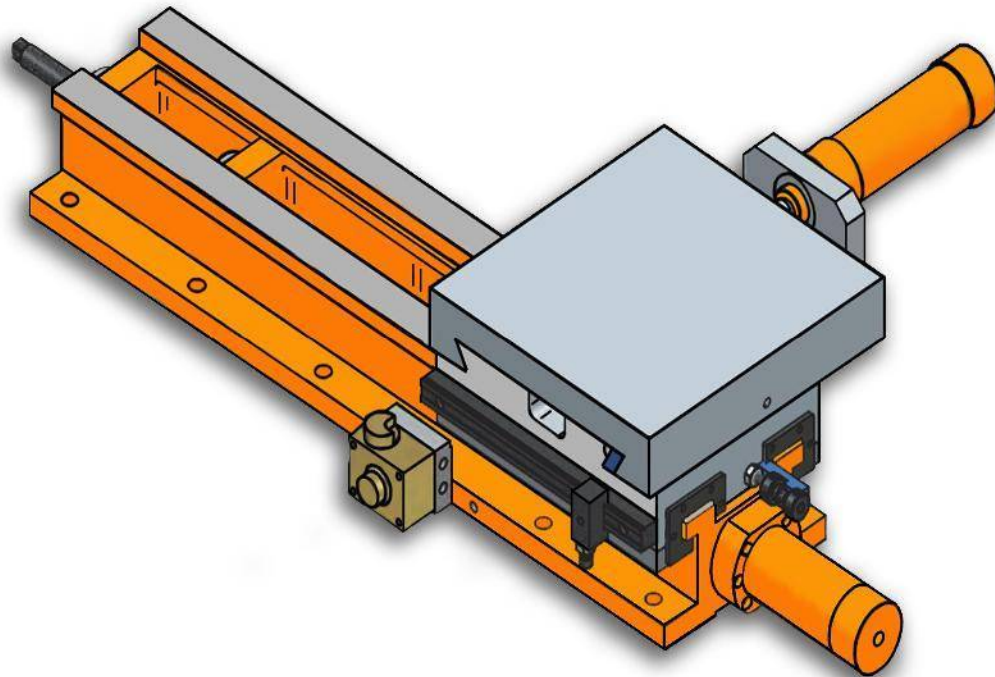
Characteristics & Dimensions

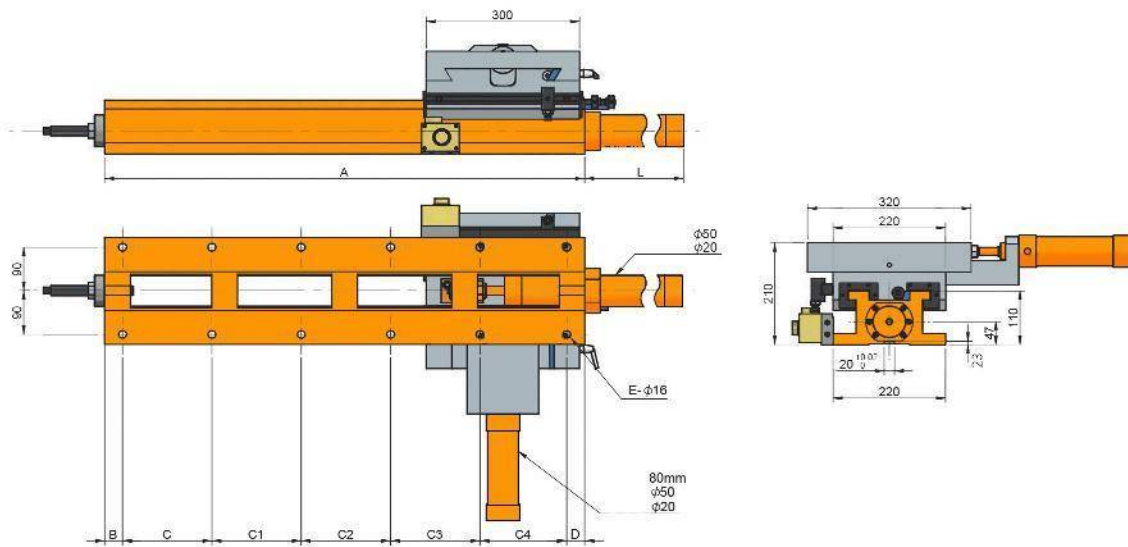
MODEL	CHH220-300/520
A	520.00
B	35.00
C	150.00
C1	150.00
C2	150.00
C3	-
C4	-
D	35.00
E	8.00
F	182.00
"X" Maximum Stroke	200.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	128.00

*** All dimensions are given in millimeters.

CHH220-300/670

Hydraulic Movement Crossed Sliding Table







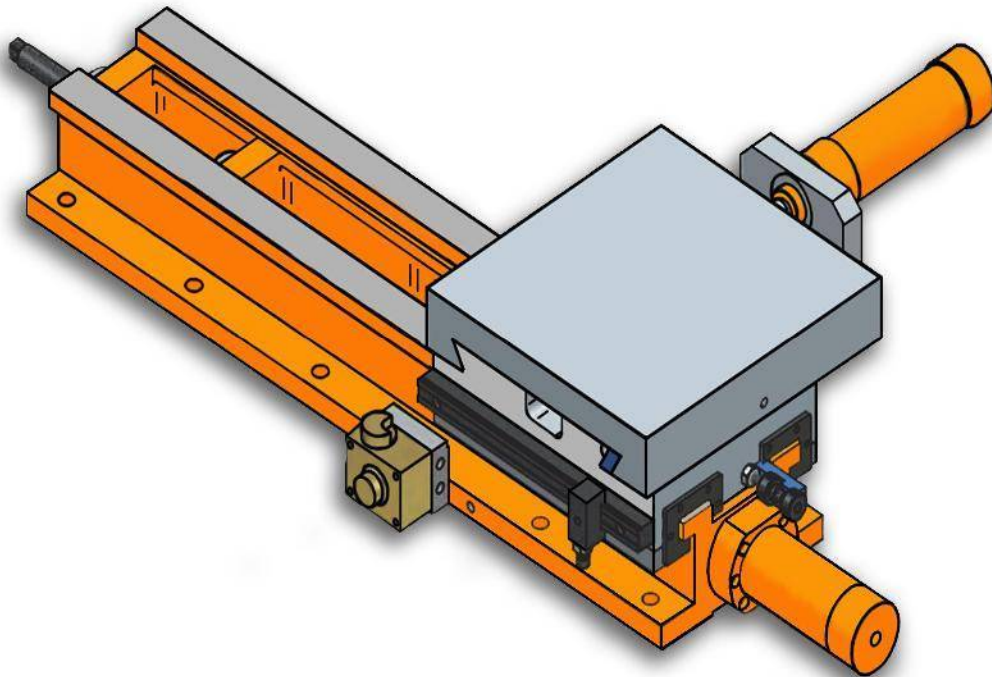
Characteristics & Dimensions

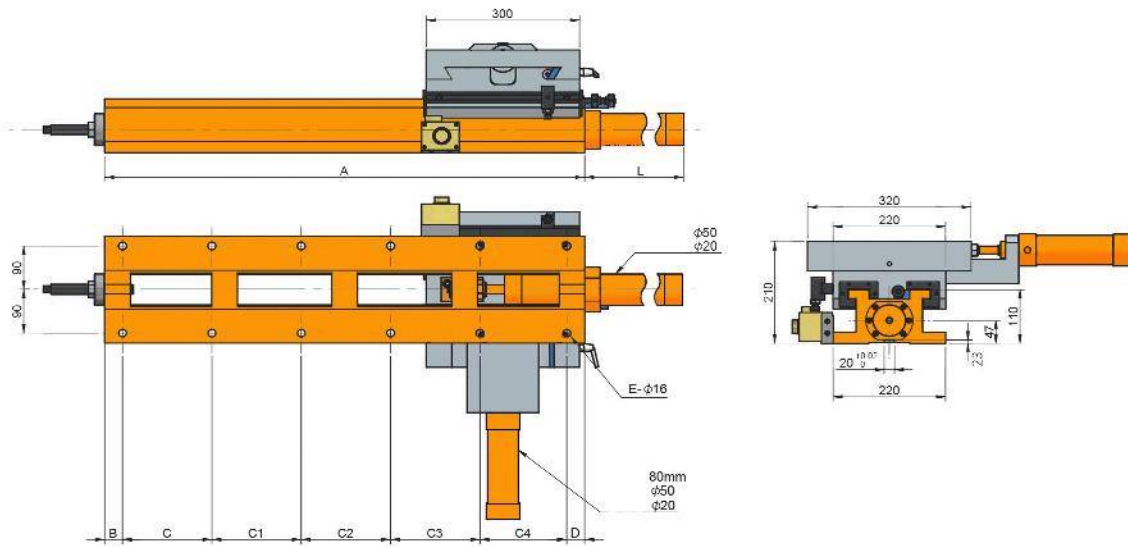
MODEL	CHH220-300/670
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
D	35.00
E	10.00
F	332.00
"X" Maximum Stroke	350.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	140.00

*** All dimensions are given in millimeters.

CHH220-300/800

Hydraulic Movement Crossed Sliding Table







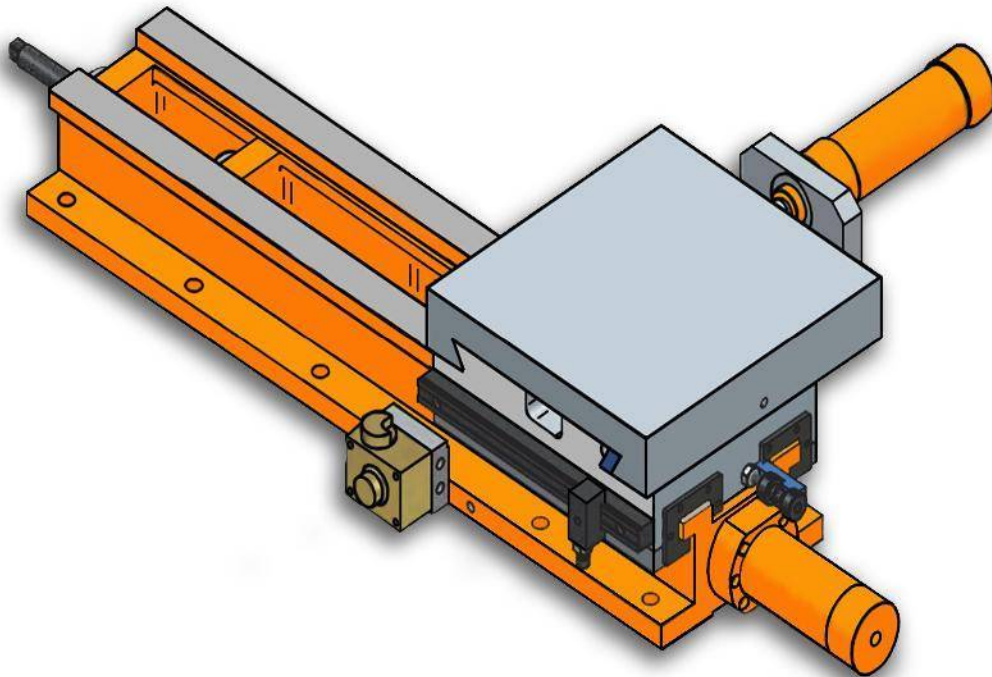
Characteristics & Dimensions

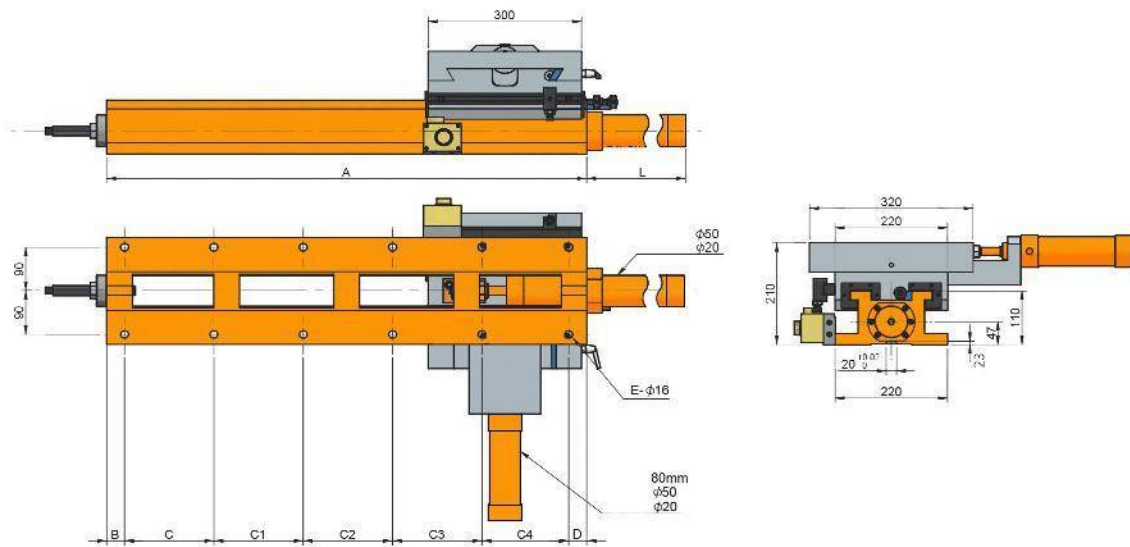
MODEL	CHH220-300/800
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
D	35.00
E	12.00
F	462.00
"X" Maximum Stroke	480.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	150.00

*** All dimensions are given in millimeters.

CHH220-300/940

Hydraulic Movement Crossed Sliding Table







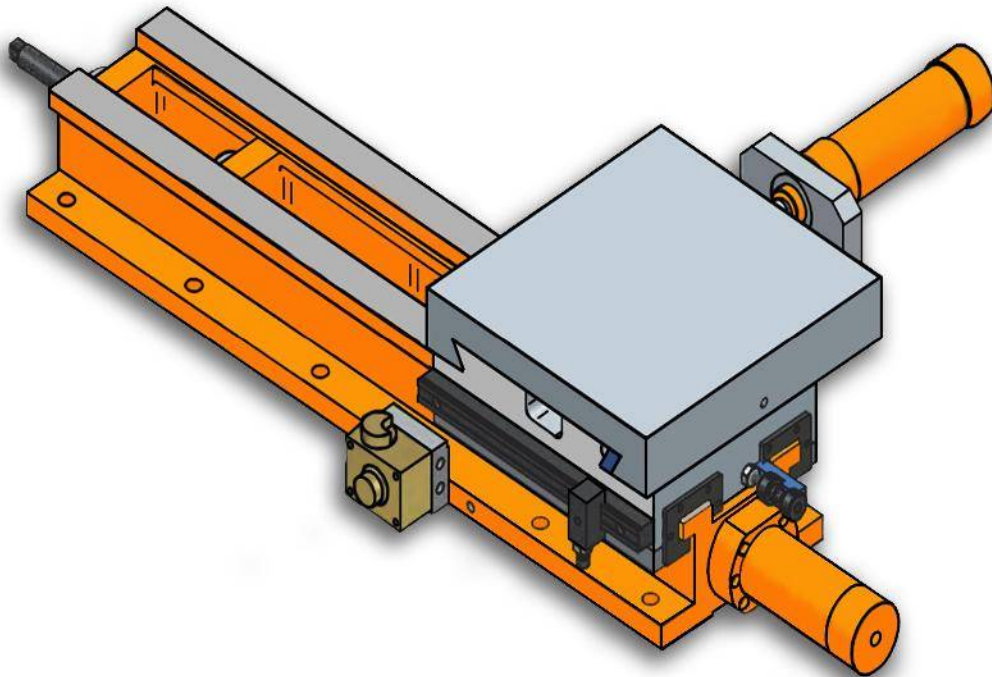
Characteristics & Dimensions

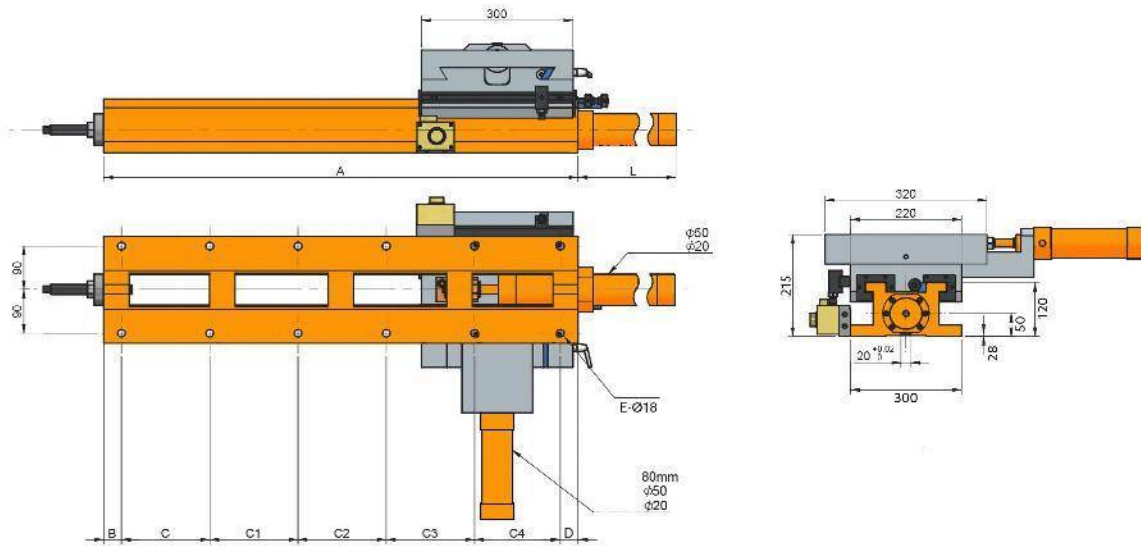
MODEL	CHH220-300/940
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	170.00
D	35.00
E	12.00
F	602.00
"X" Maximum Stroke	620.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	160.00

*** All dimensions are given in millimeters.

CHH300-300/420

Hydraulic Movement Crossed Sliding Table





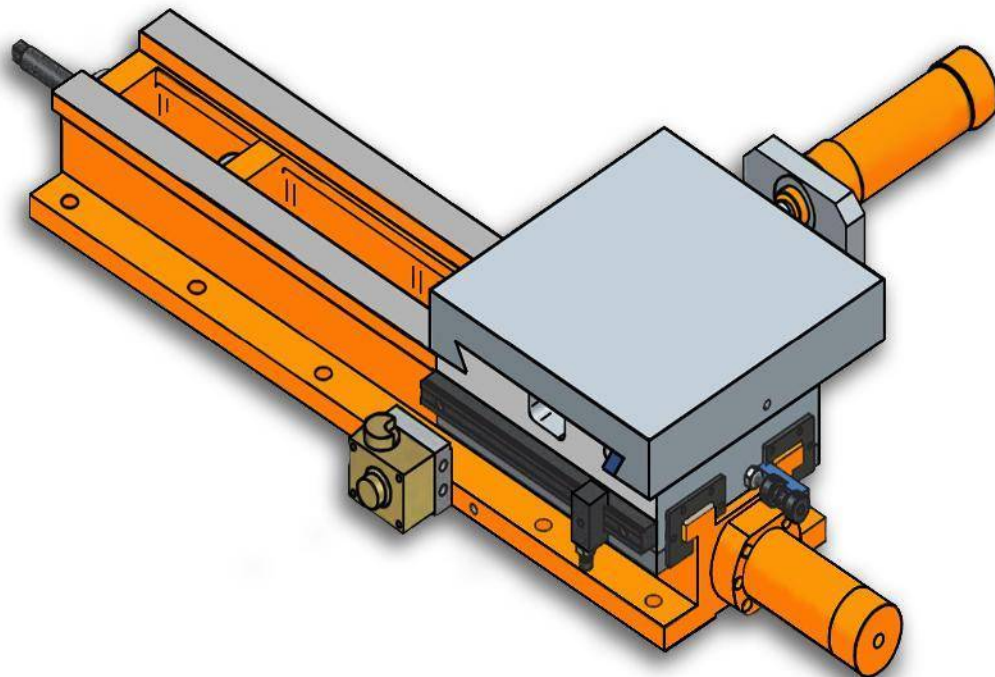
Characteristics & Dimensions

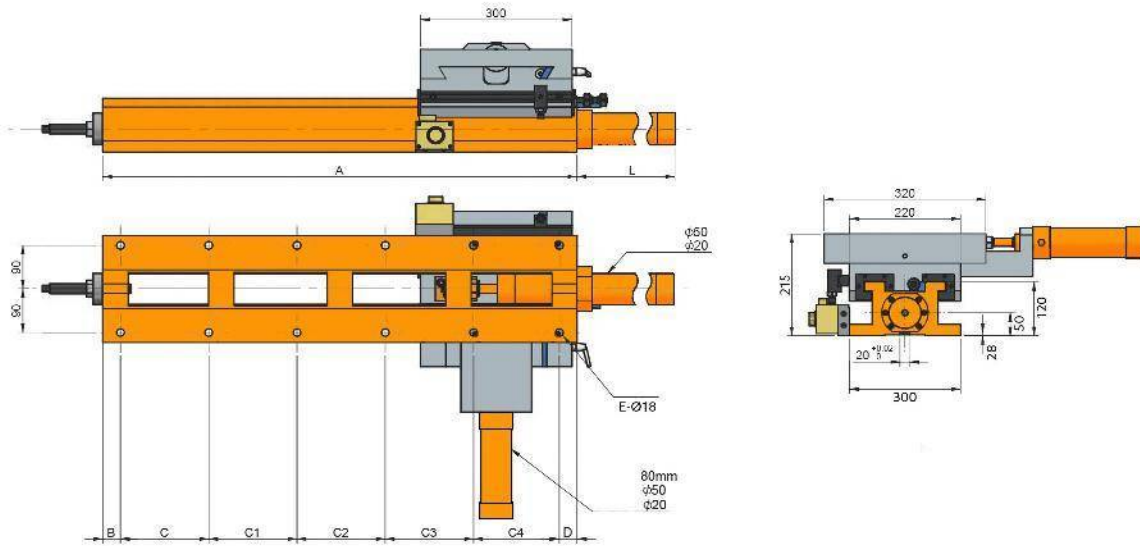
MODEL	CHH300-300/420
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
E	6.00
F	65.00
"X" Maximum Stroke	100.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	163.00

*** All dimensions are given in millimeters.

CHH300-300/560

Hydraulic Movement Crossed Sliding Table







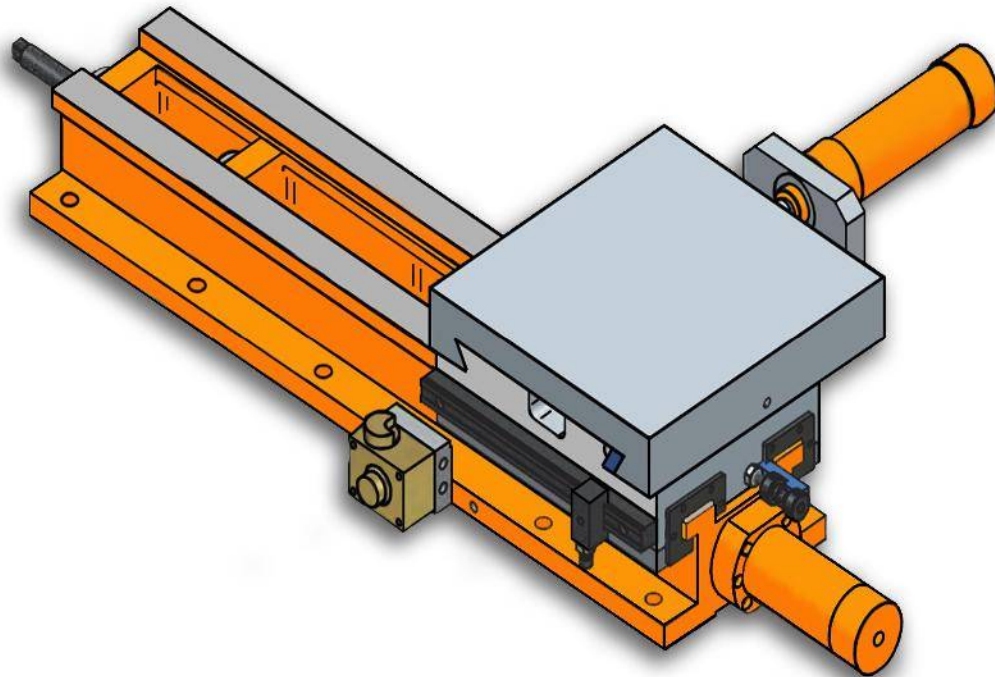
Characteristics & Dimensions

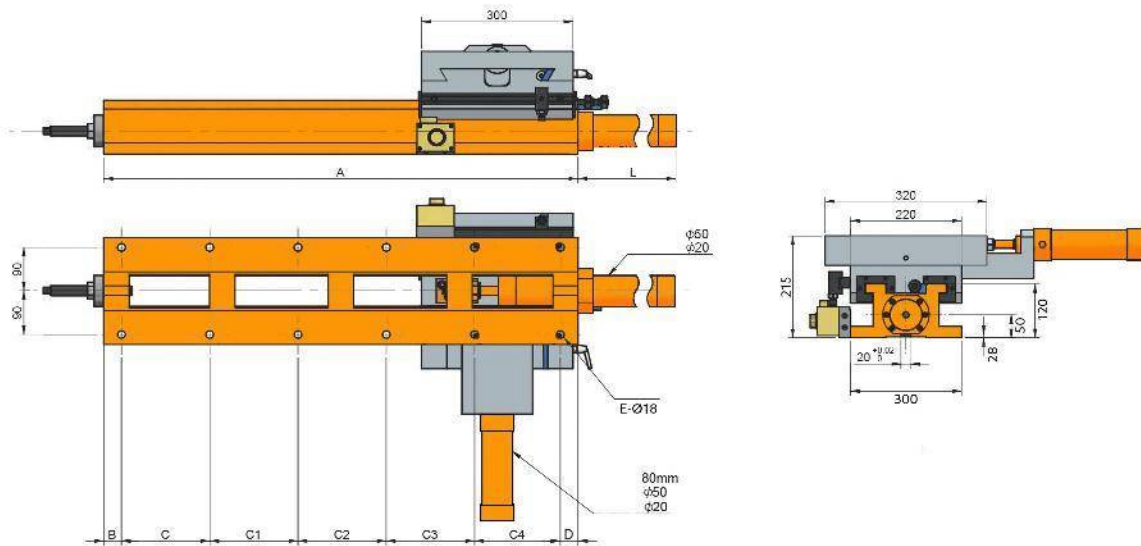
MODEL	CHH300-300/560
A	560.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
E	8.00
F	222.00
"X" Maximum Stroke	240.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	173.00

*** All dimensions are given in millimeters.

CHH300-300/670

Hydraulic Movement Crossed Sliding Table







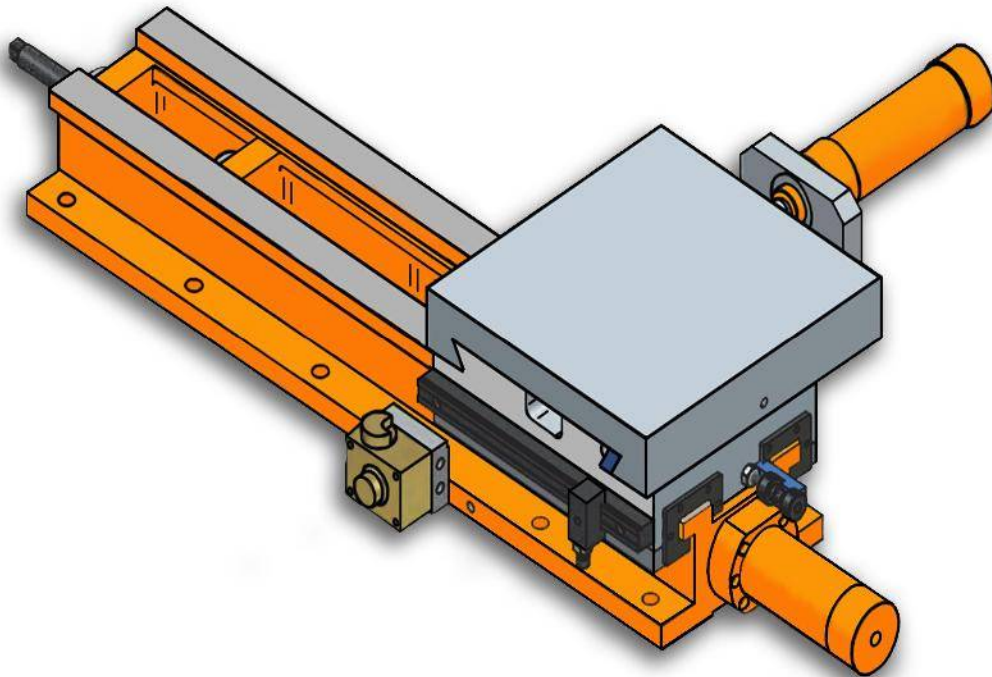
Characteristics & Dimensions

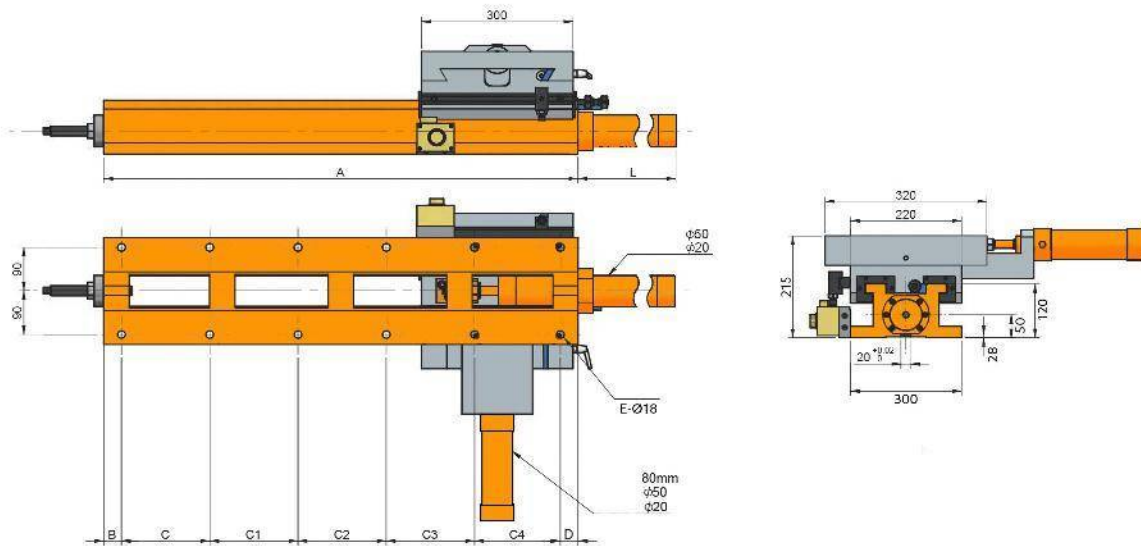
MODEL	CHH300-300/670
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
E	10.00
F	332.00
"X" Maximum Stroke	350.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	193.00

*** All dimensions are given in millimeters.

CHH300-300/800

Hydraulic Movement Crossed Sliding Table







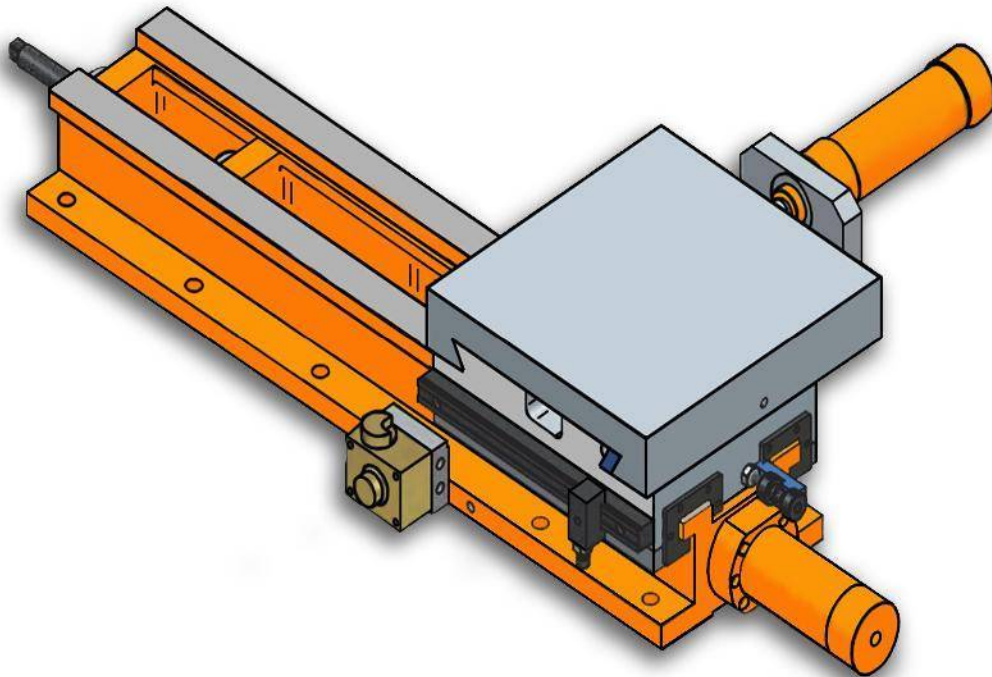
Characteristics & Dimensions

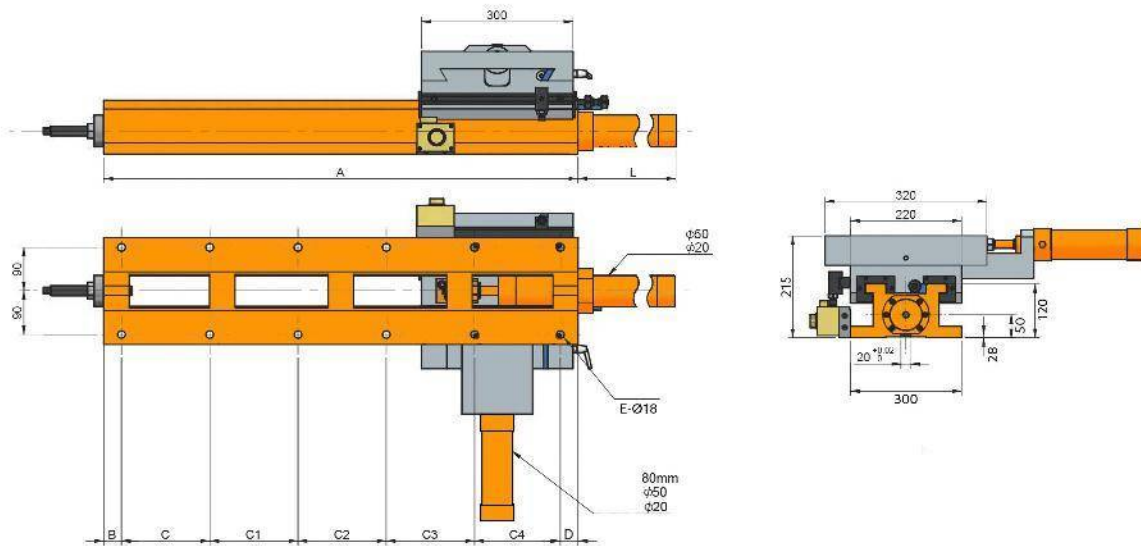
MODEL	CHH300-300/800
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
E	12.00
F	462.00
"X" Maximum Stroke	480.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	243.00

*** All dimensions are given in millimeters.

CHH300-300/940

Hydraulic Movement Crossed Sliding Table





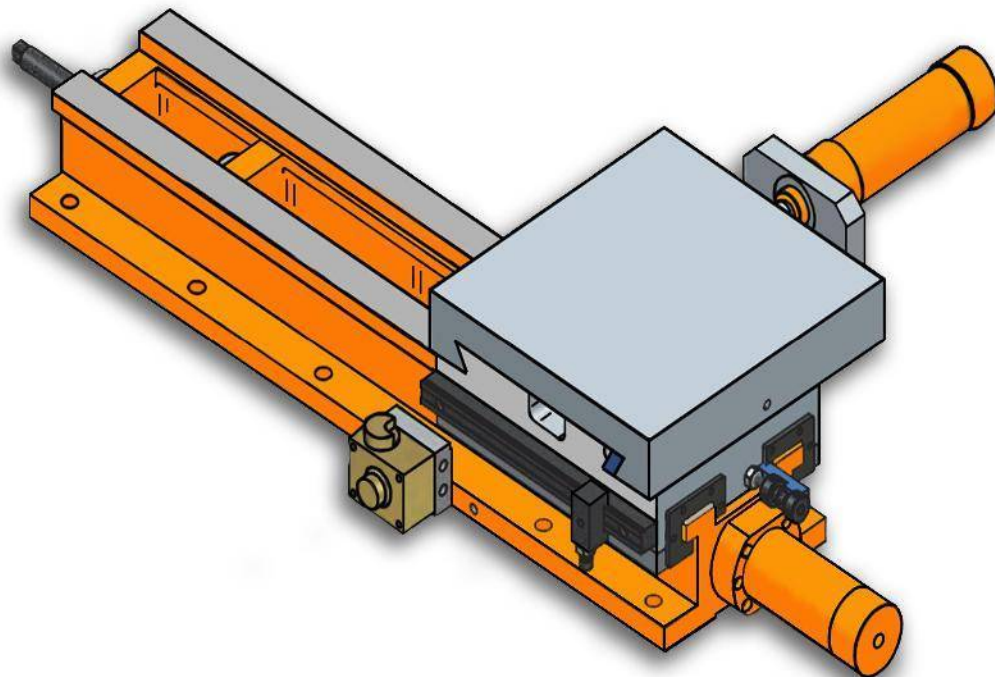
Characteristics & Dimensions

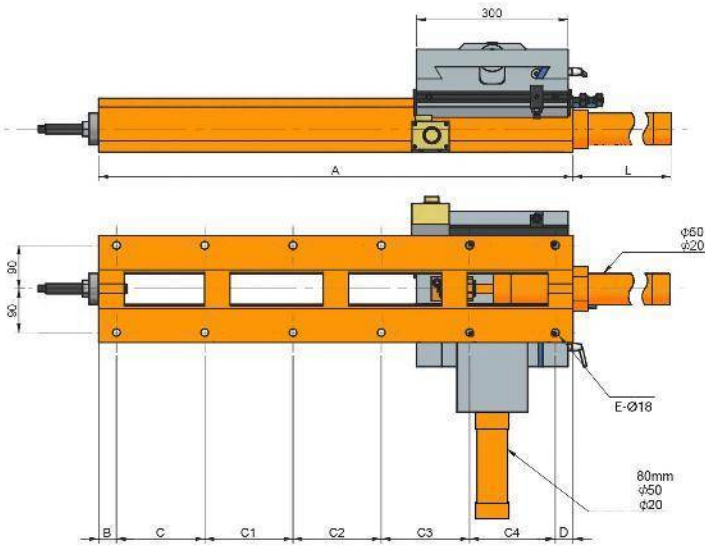
MODEL	CHH300-300/940
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
E	12.00
F	602.00
"X" Maximum Stroke	620.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	260.00

*** All dimensions are given in millimeters.

CHH300-300/1200

Hydraulic Movement Crossed Sliding Table







Characteristics & Dimensions

MODEL	CHH300-300/1200
A	1200.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
E	14.00
F	862.00
"X" Maximum Stroke	880.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	285.00

*** All dimensions are given in millimeters.

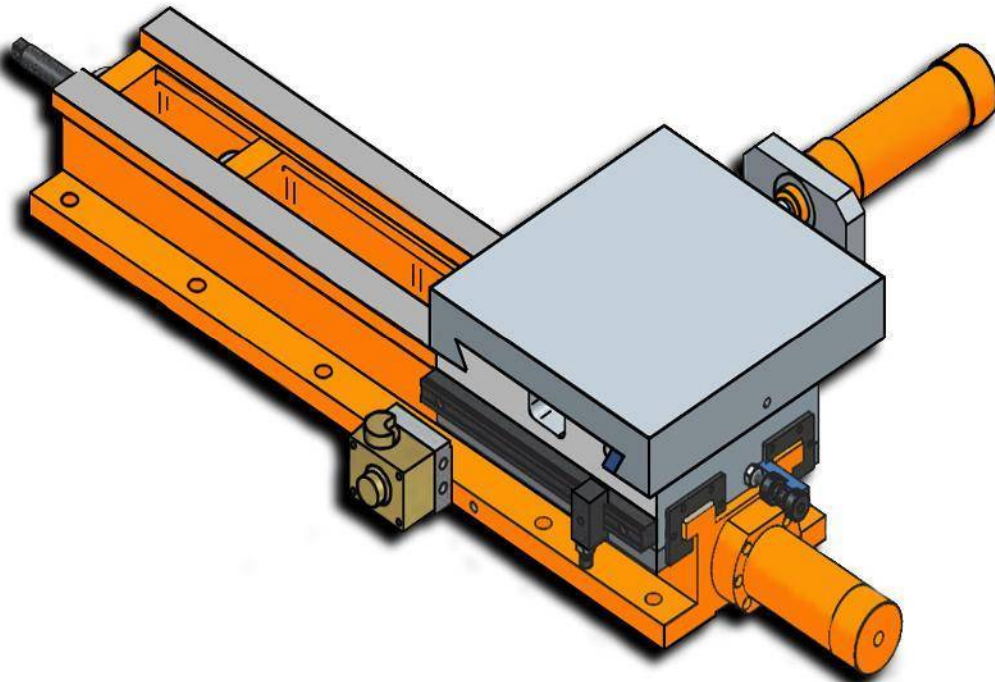


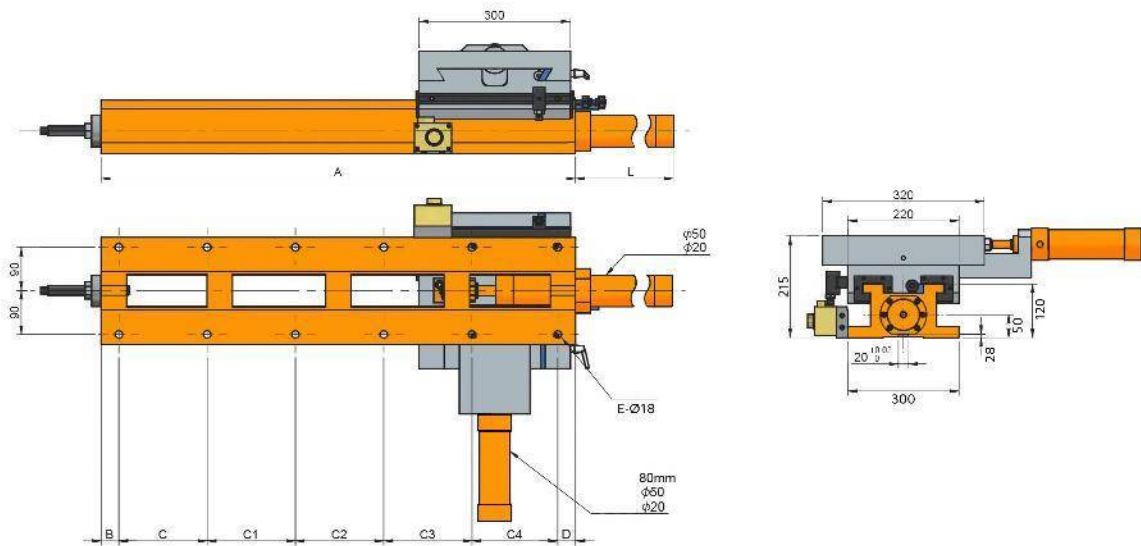
CHH-H SERIES

REINFORCED
HYDRAULIC CROSSED
SLIDE TABLE

CHH300-300/420H

Mesa Cruzada Con
Desplazamiento Hidráulico
De Servicio Pesado







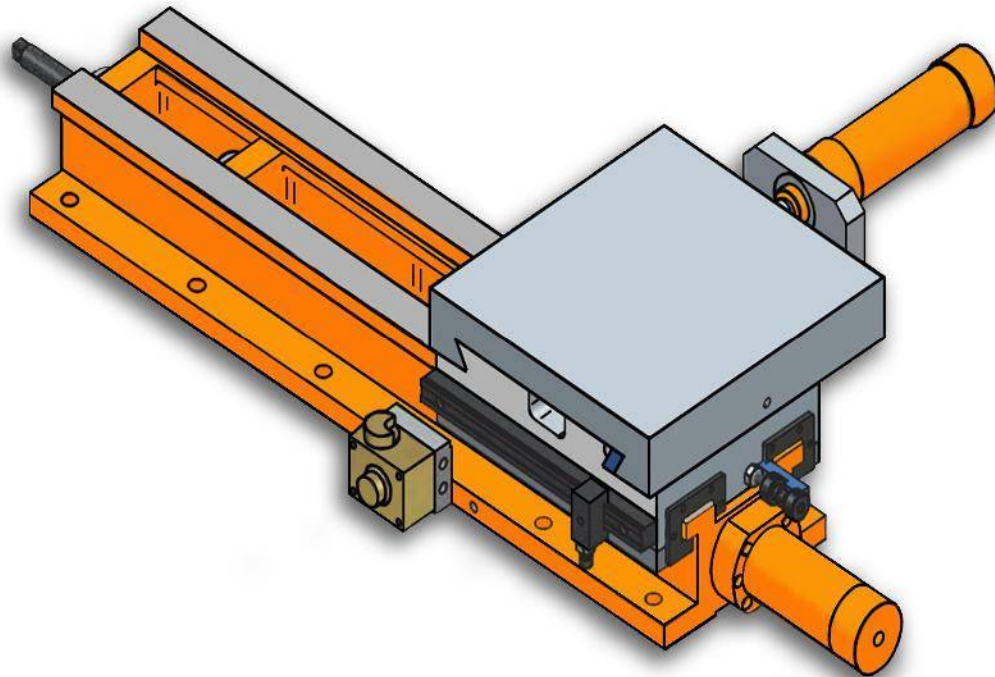
Characteristics & Dimensions

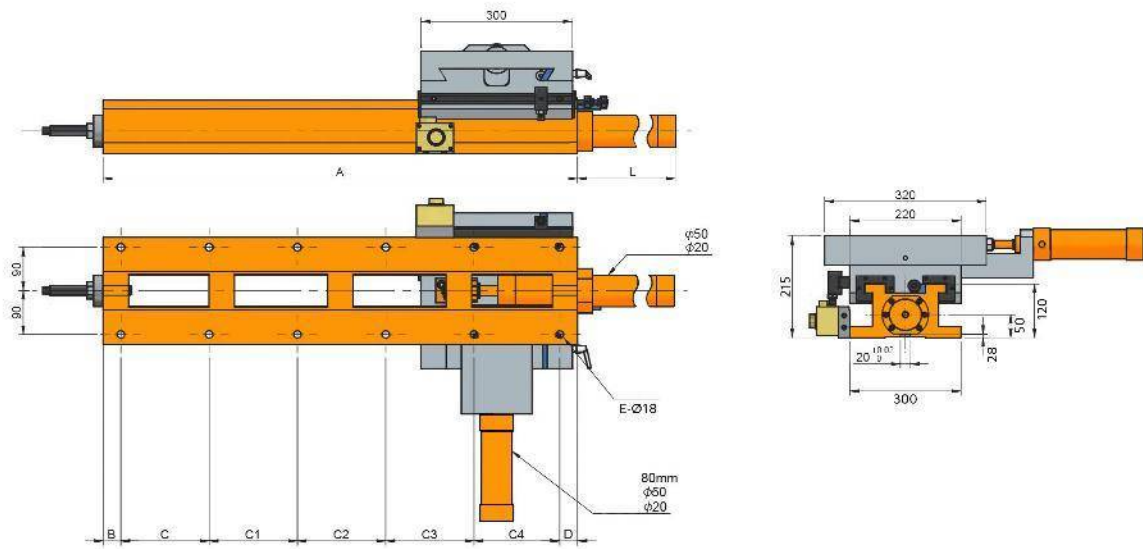
MODEL	CHH300-300/420H
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
E	6.00
F	75.00
"X" Maximum Stroke	100.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	183.00

*** All dimensions are given in millimeters.

CHH300-300/560H

Hi Performance
Hydraulic Movement
Crossed Sliding Table





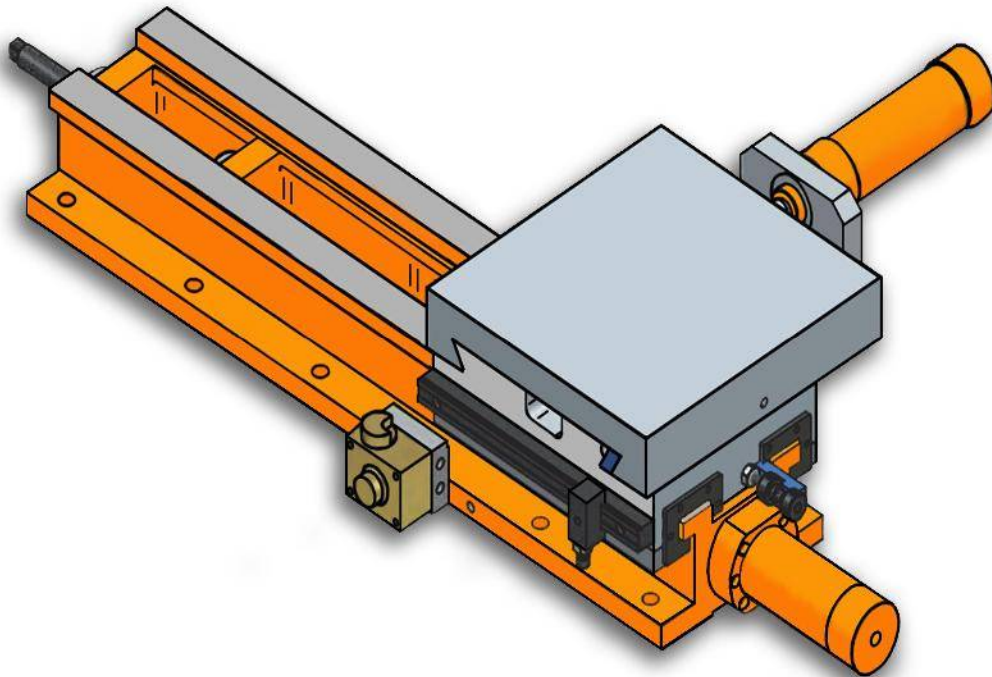
Characteristics & Dimensions

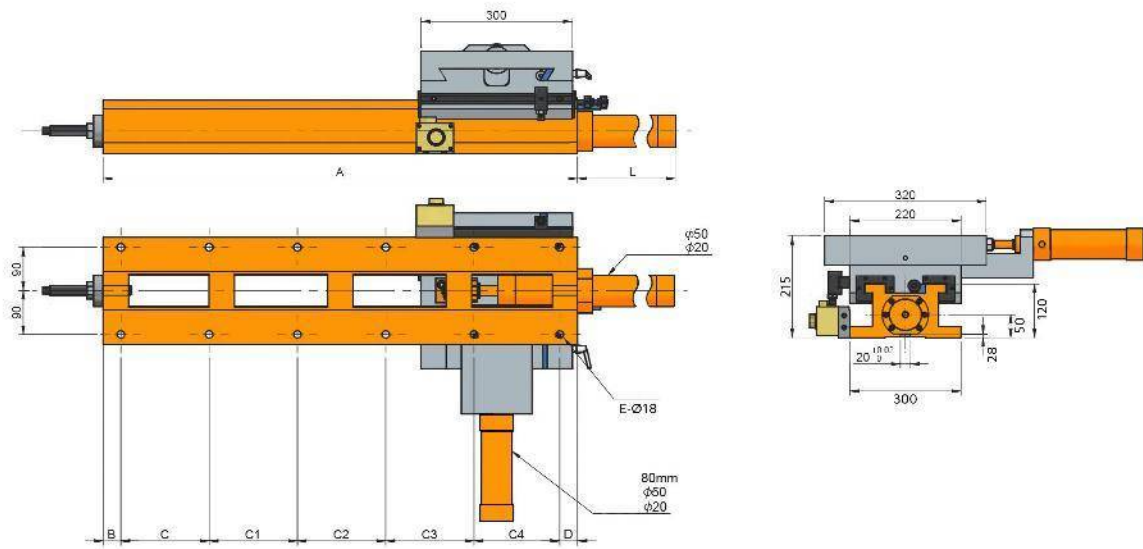
MODEL	CHH300-300/560H
A	560.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
E	8.00
F	224.00
"X" Maximum Stroke	240.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	198.00

*** All dimensions are given in millimeters.

CHH300-300/670H

Hi Performance
Hydraulic Movement
Crossed Sliding Table







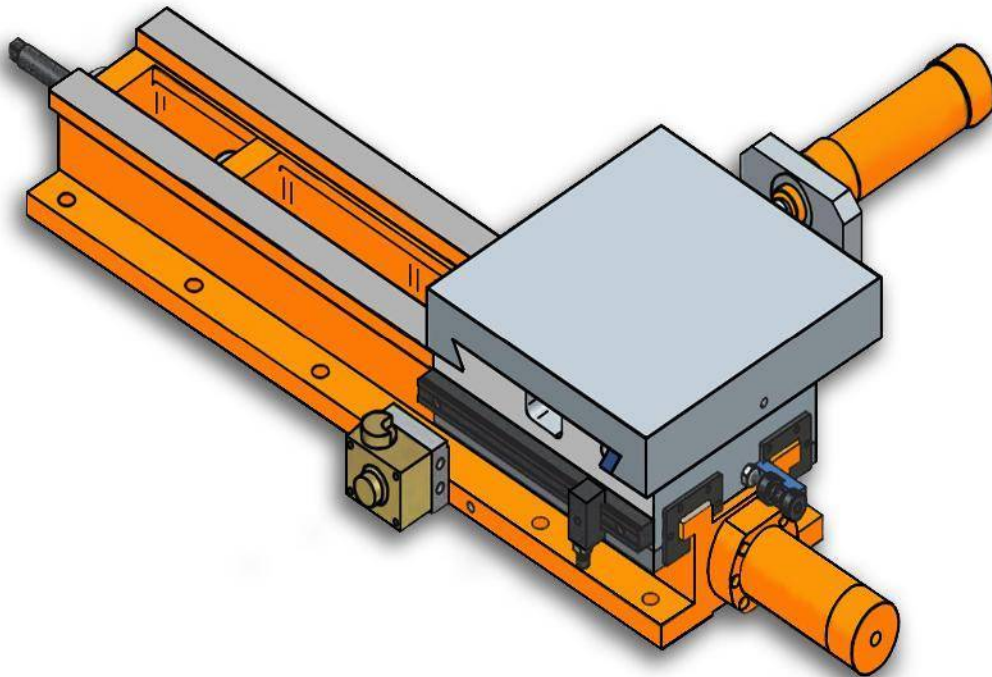
Characteristics & Dimensions

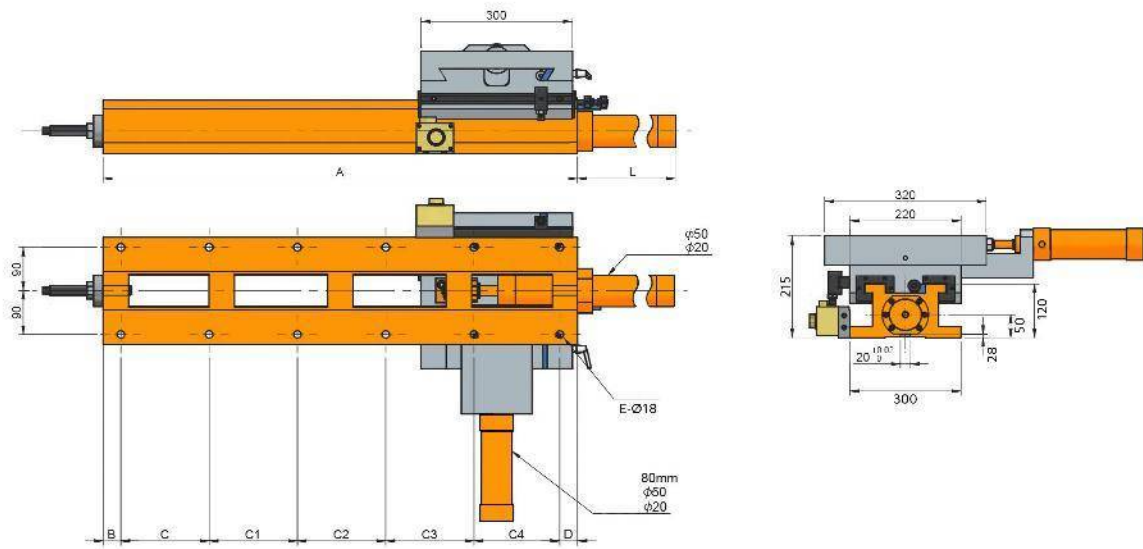
MODEL	CHH300-300/670H
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
E	10.00
F	335.00
"X" Maximum Stroke	350.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	240.00

*** All dimensions are given in millimeters.

CHH300-300/800H

Hi Performance
Hydraulic Movement
Crossed Sliding Table







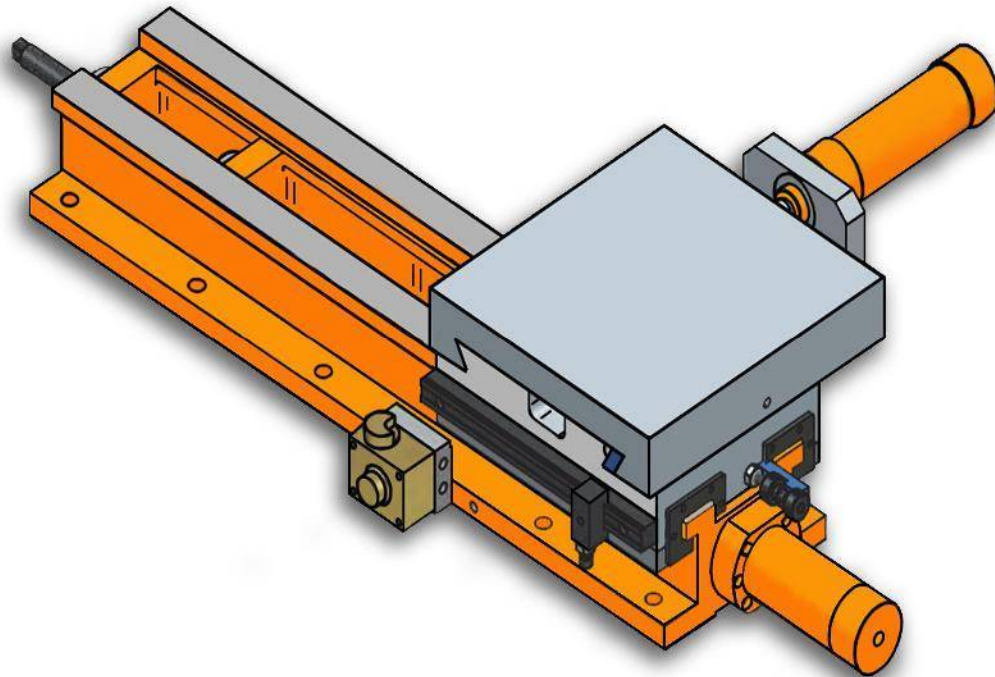
Characteristics & Dimensions

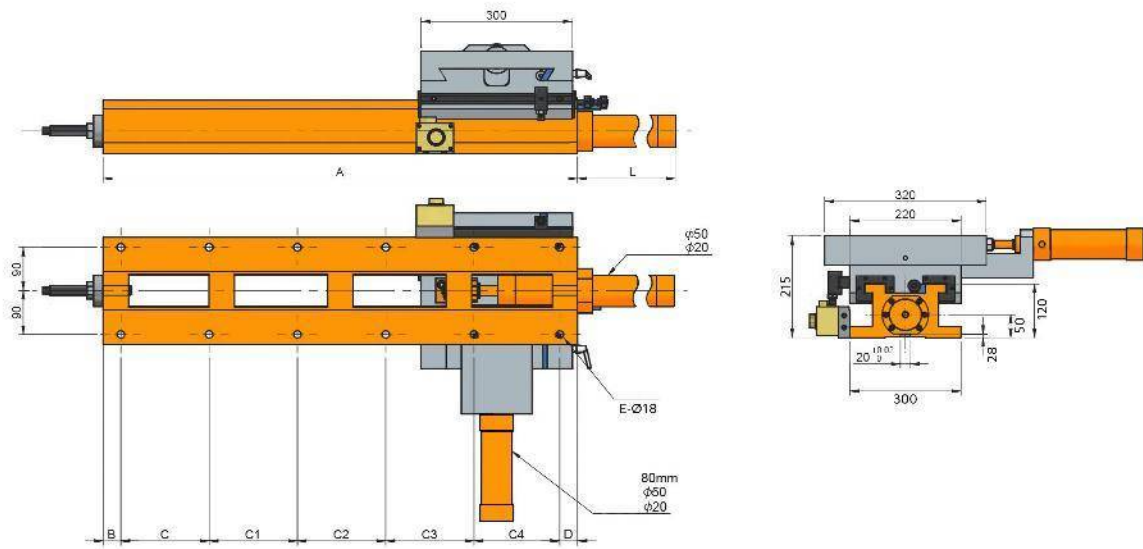
MODEL	CHH300-300/800H
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
E	12.00
F	465.00
"X" Maximum Stroke	480.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	251.00

*** All dimensions are given in millimeters.

CHH300-300/940H

Hi Performance Hydraulic Movement Crossed Sliding Table







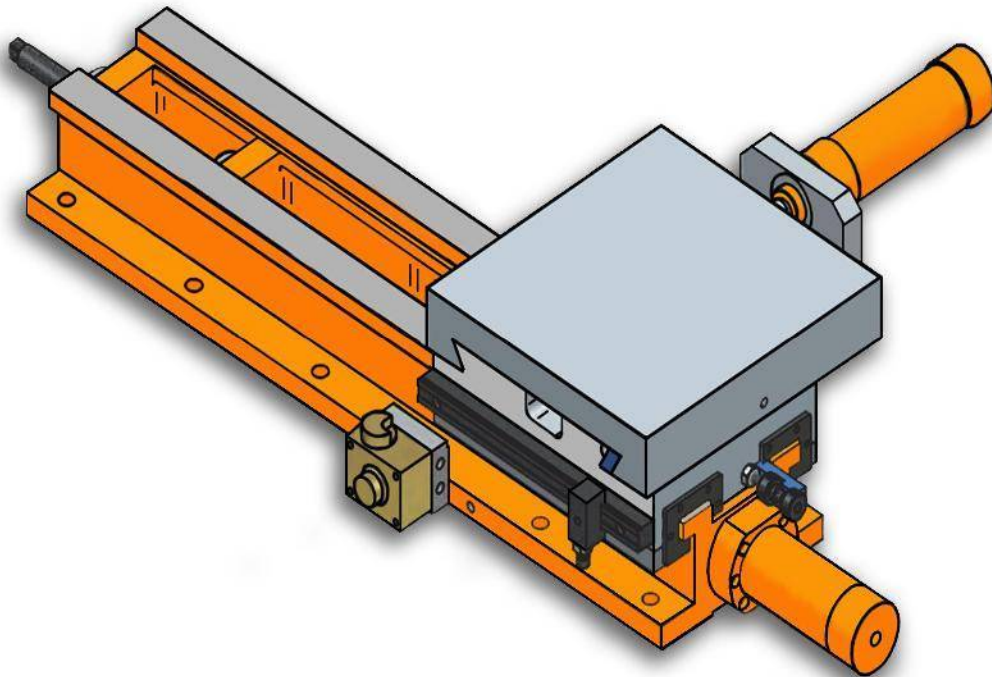
Characteristics & Dimensions

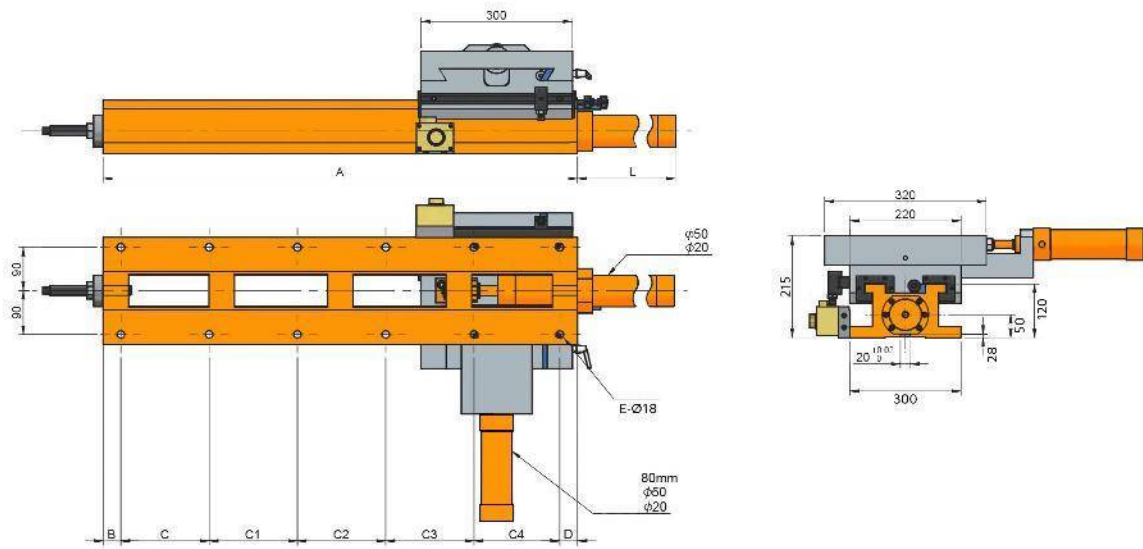
MODEL	CHH300-300/940H
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
E	12.00
F	608.00
"X" Maximum Stroke	620.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	266.00

*** All dimensions are given in millimeters.

CHH300-300/1200H

Hi Performance Hydraulic Movement Crossed Sliding Table







Characteristics & Dimensions

MODEL	CHH300-300/1200H
A	1200.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
E	14.00
F	868.00
"X" Maximum Stroke	880.00
"Y" Maximum Stroke	100.00
Sliding Table Dimensions	300.00 x 320.00
Total Device Weight	289.00

*** All dimensions are given in millimeters.



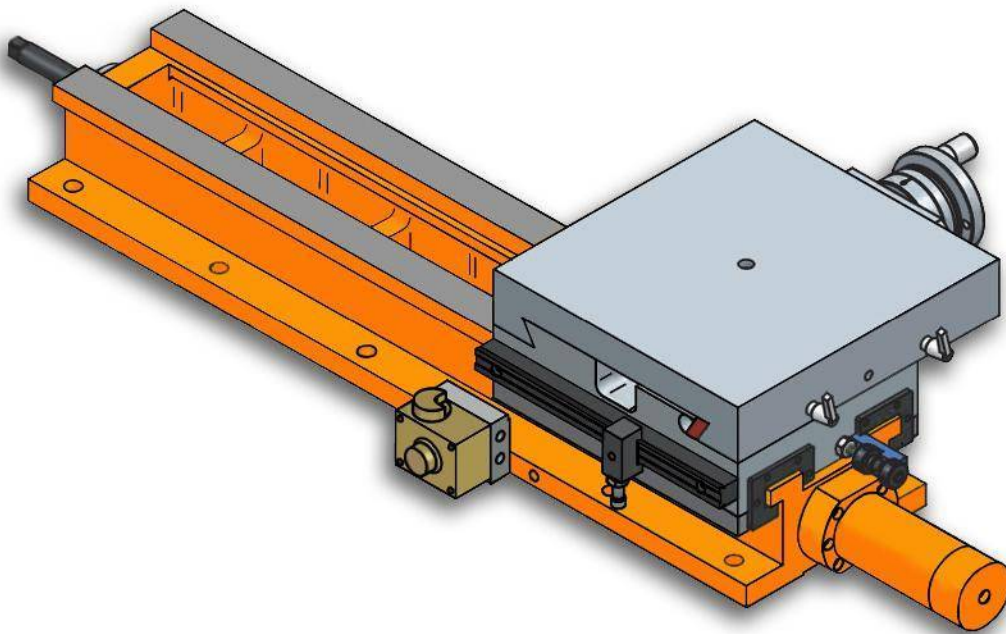
CHS SERIES

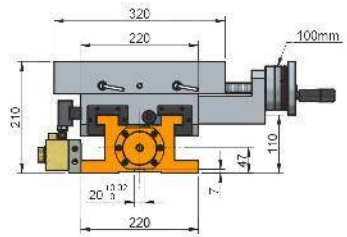
MIXED CROSSED TABLES
(HYDRAULIC + MANUAL)

CHS220-300/420

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

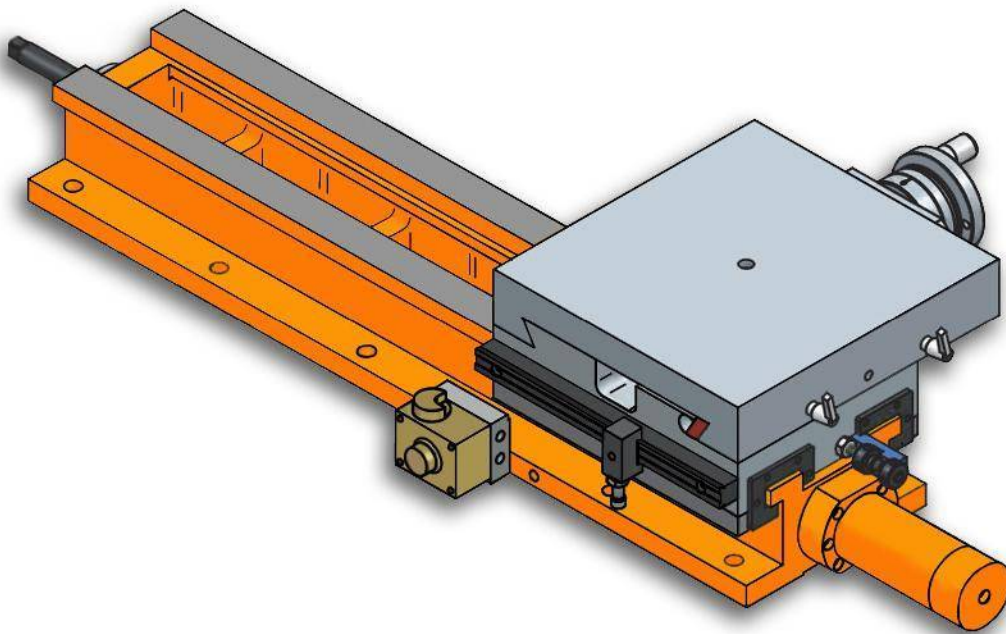
Model	CHS220-300/420
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
E	6.00
F	65.00
Maximum Stroke In "X" Axis	120.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	108.00

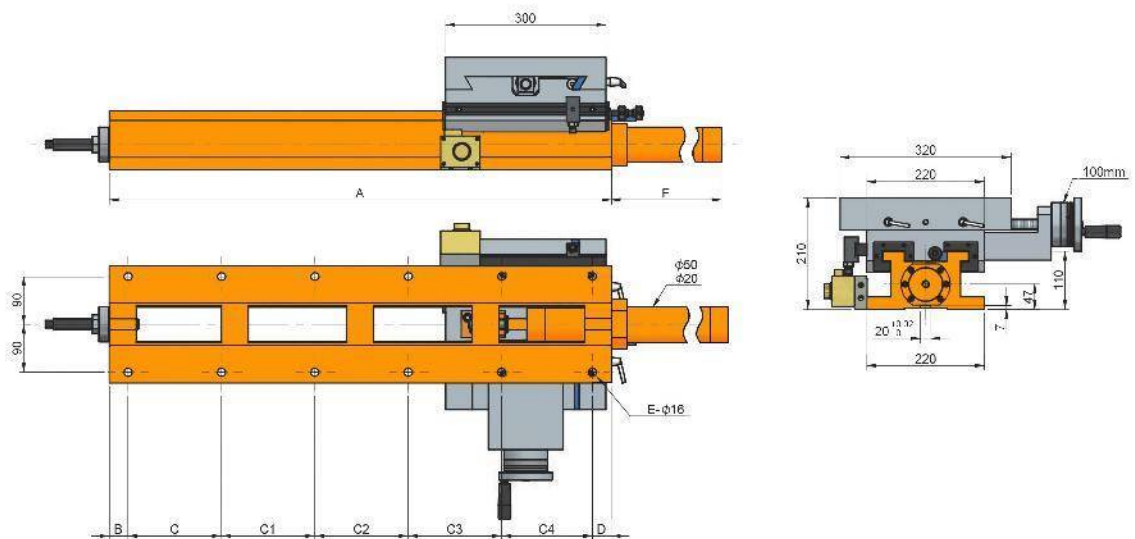
*** All dimensions are given in millimeters.

CHS220-300/520

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)







Characteristics & Dimensions

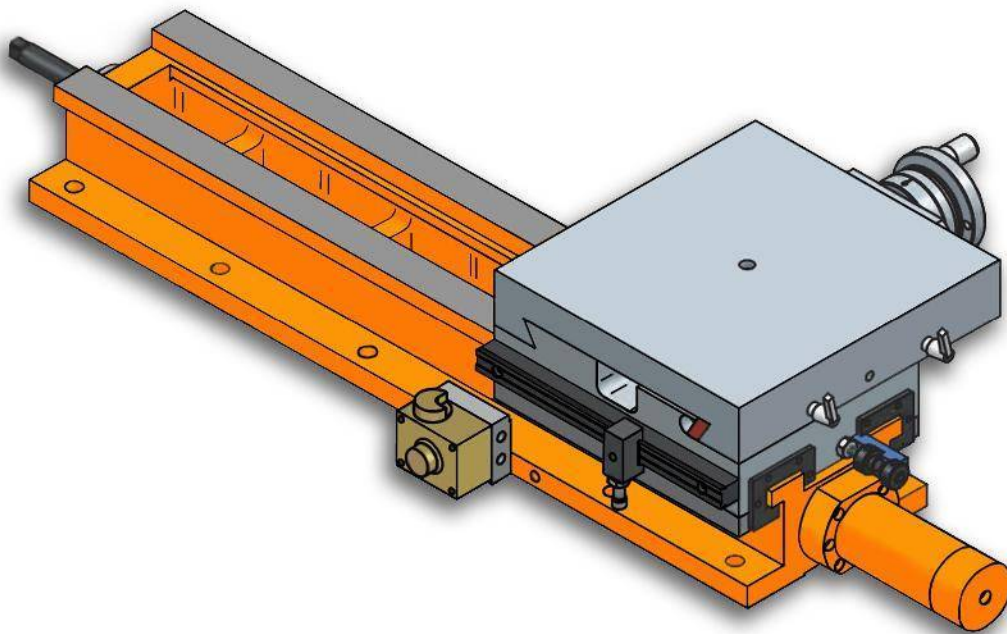
Model	CHS220-300/520
A	520.00
B	35.00
C	150.00
C1	150.00
C2	150.00
C3	-
C4	-
C5	-
D	35.00
E	8.00
F	182.00
Maximum Stroke In "X" Axis	200.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	125.00

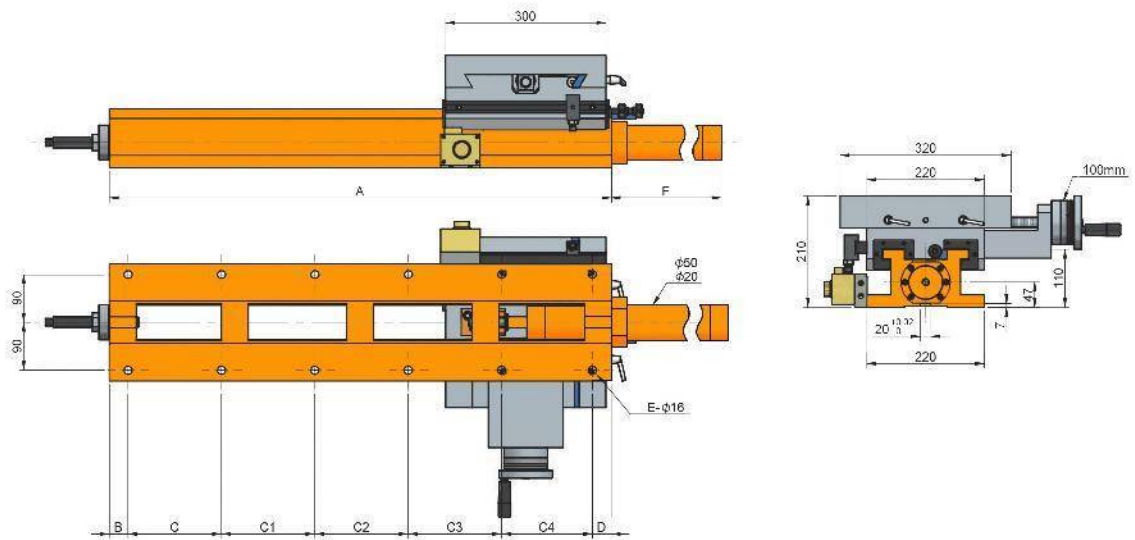
*** All dimensions are given in millimeters.

CHS220-300/670

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

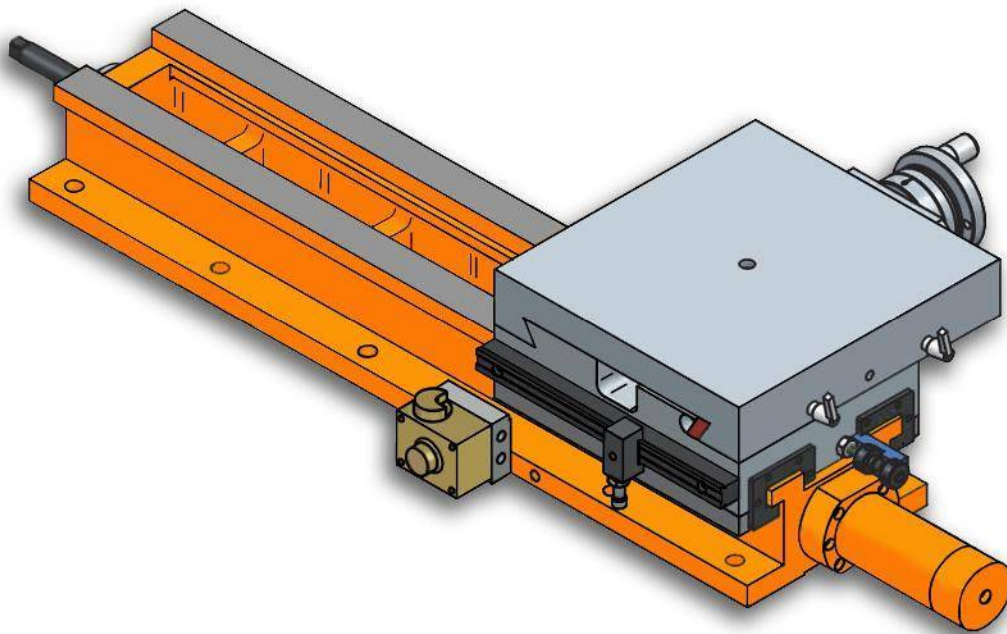
Model	CHS220-300/670
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
E	10.00
F	332.00
Maximum Stroke In "X" Axis	350.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	137.00

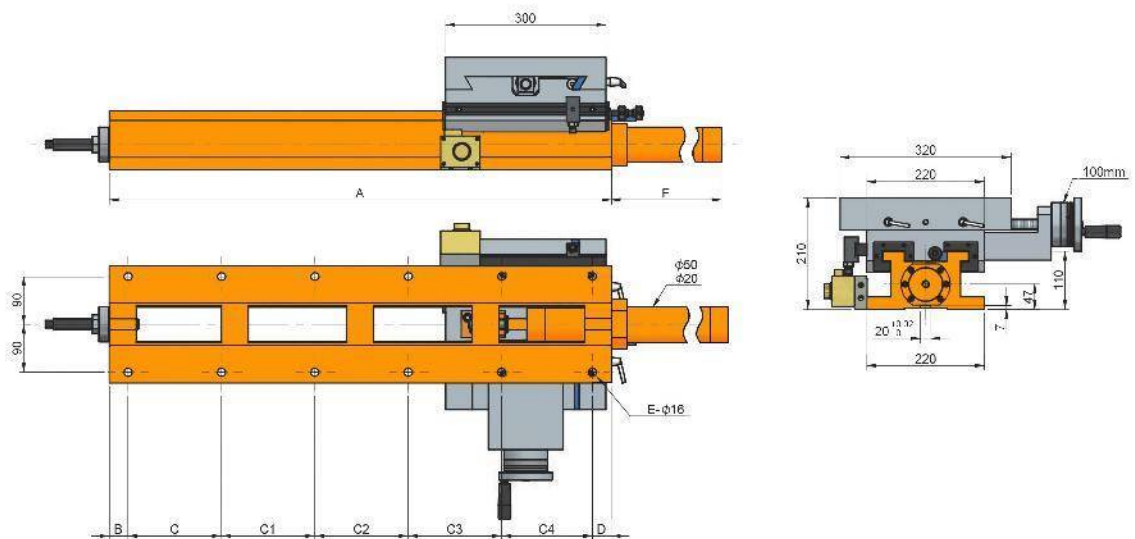
*** All dimensions are given in millimeters.

CHS220-300/800

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)







Características & Dimensiones

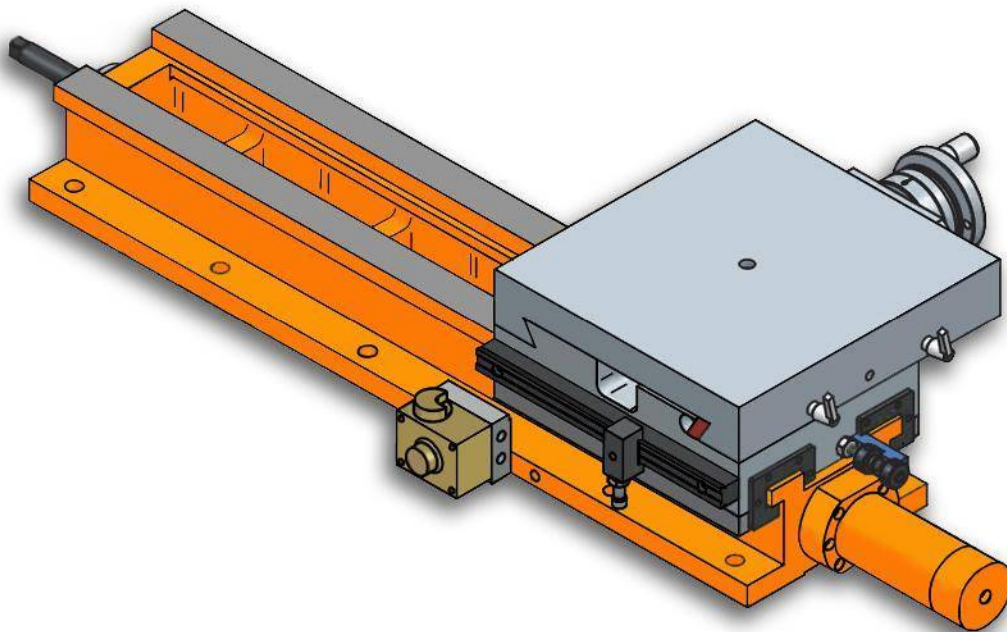
Modelo	CHS220-300/800
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
D	35.00
E	12.00
F	462.00
Carrera Máxima En "X"	480.00
Carrera Máxima En "Y"	100.00
Dimensiones De La Mesa Deslizable	300.00 x 320.00
Peso Total Del Dispositivo (Kg)	147.00

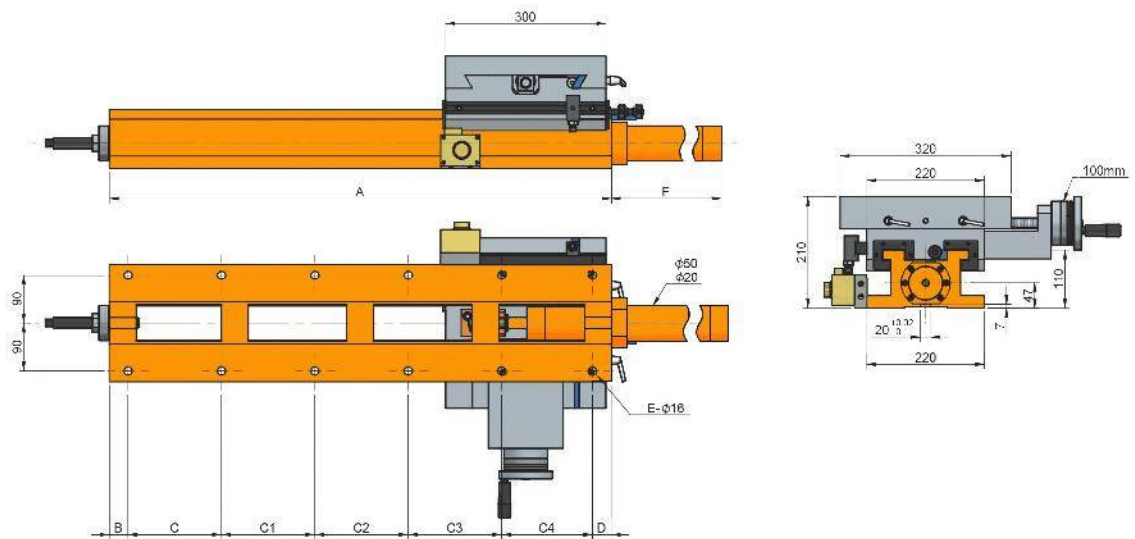
*** Redondez ≤ 0.005 mm.
 **** Todas las dimensiones están dadas en milímetros.

CHS220-300/940

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

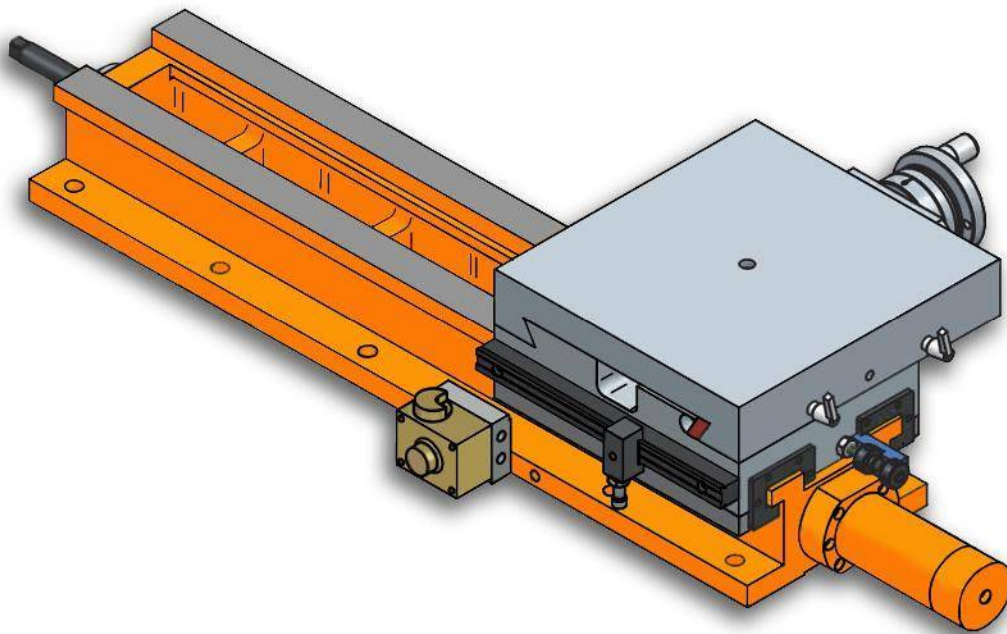
Model	CHS220-300/940
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	170.00
C5	-
D	35.00
E	12.00
F	602.00
Maximum Stroke In "X" Axis	620.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	157.00

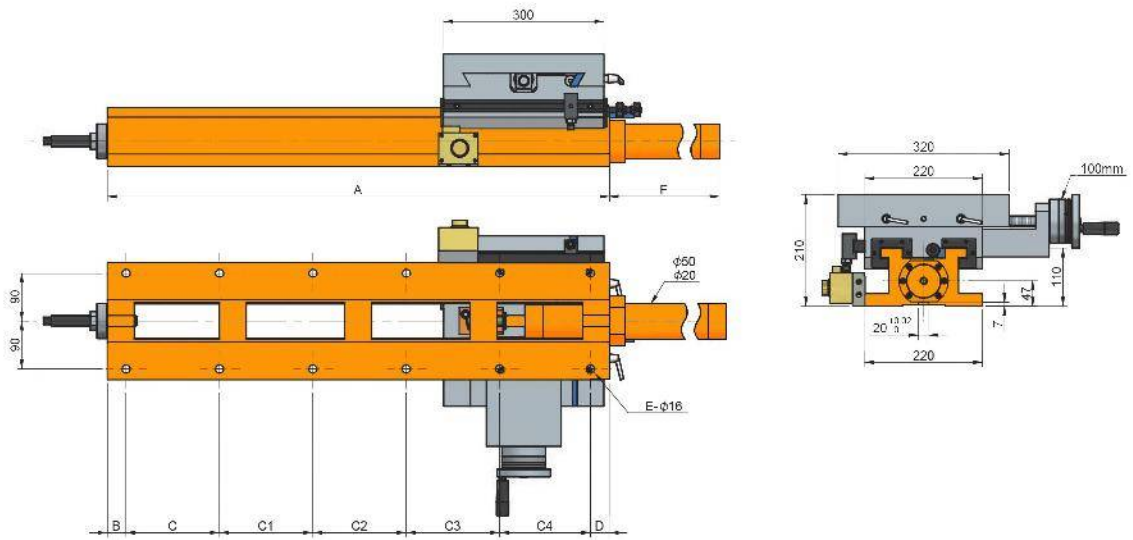
*** All dimensions are given in millimeters.

CHS300-300/420

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

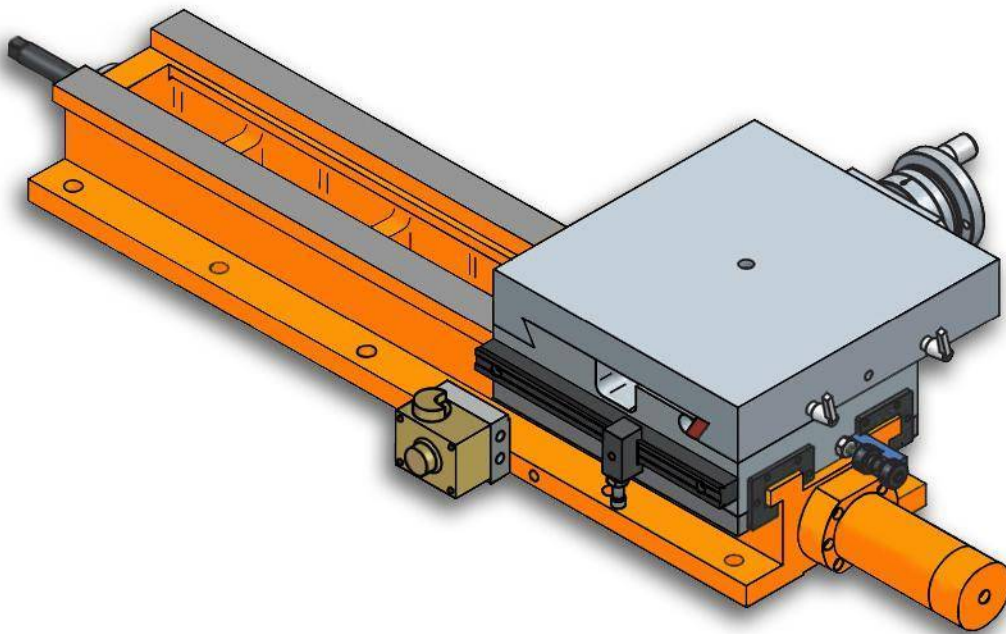
Model	CHS300-300/420
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
E	6.00
F	65.00
Maximum Stroke In "X" Axis	100.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	160.00

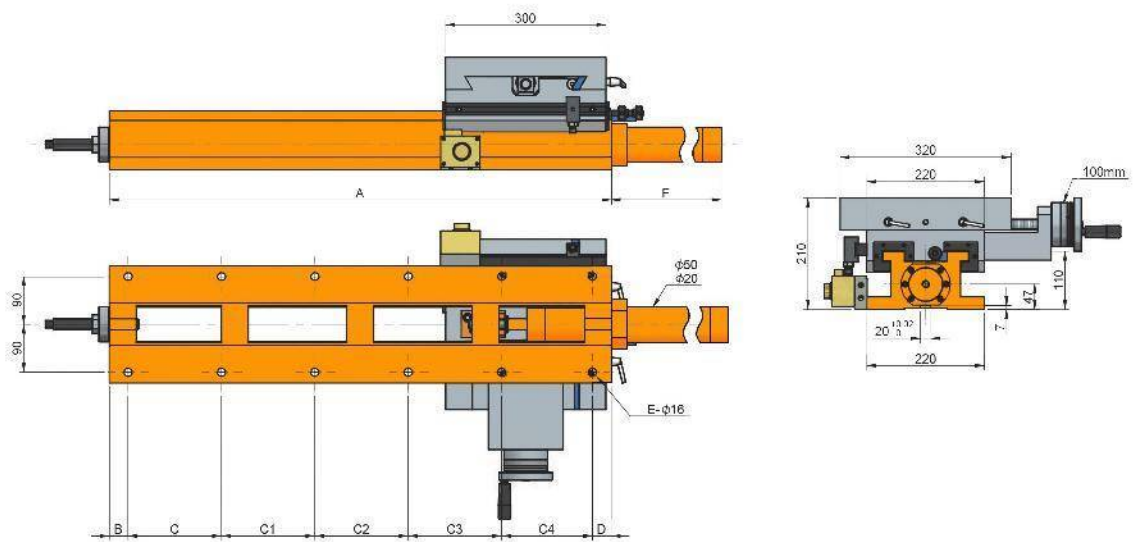
*** All dimensions are given in millimeters.

CHS300-300/560

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

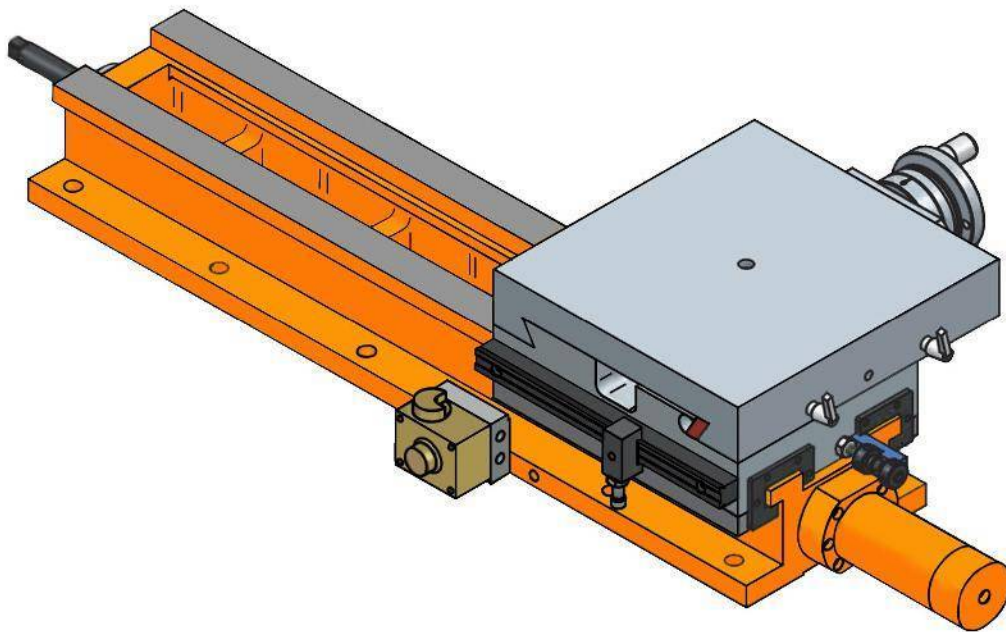
Model	CHS300-300/560
A	560.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
E	8.00
F	222.00
Maximum Stroke In "X" Axis	240.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	170.00

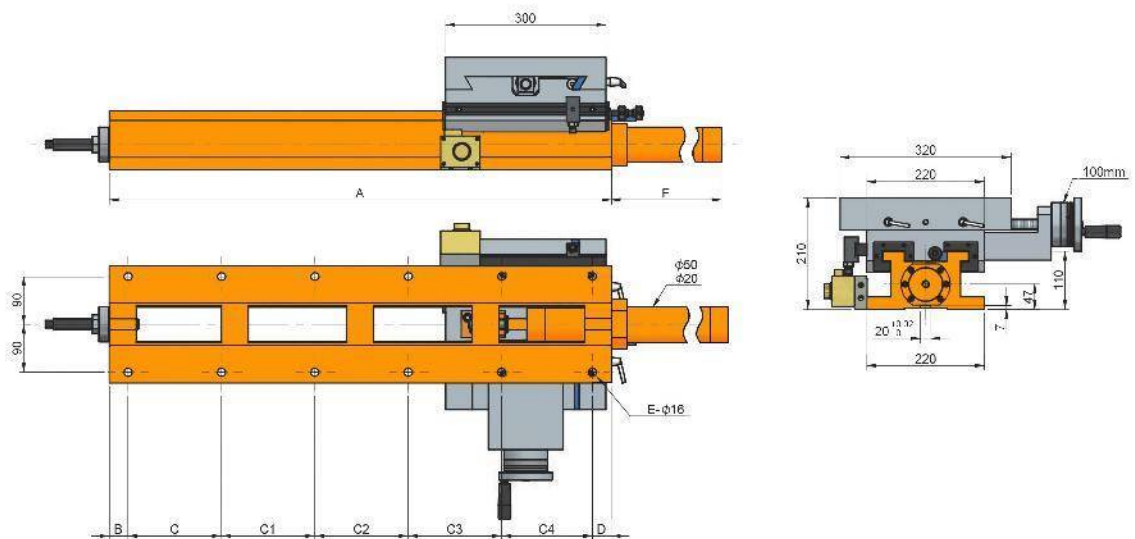
*** All dimensions are given in millimeters.

CHS300-300/670

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

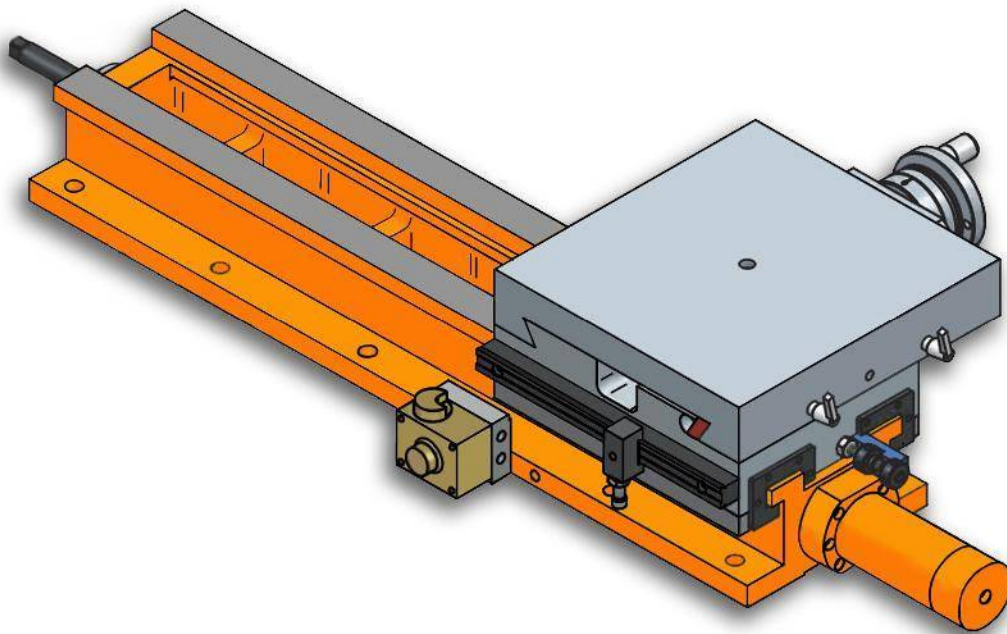
Model	CHS300-300/670
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
E	10.00
F	332.00
Maximum Stroke In "X" Axis	350.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	190.00

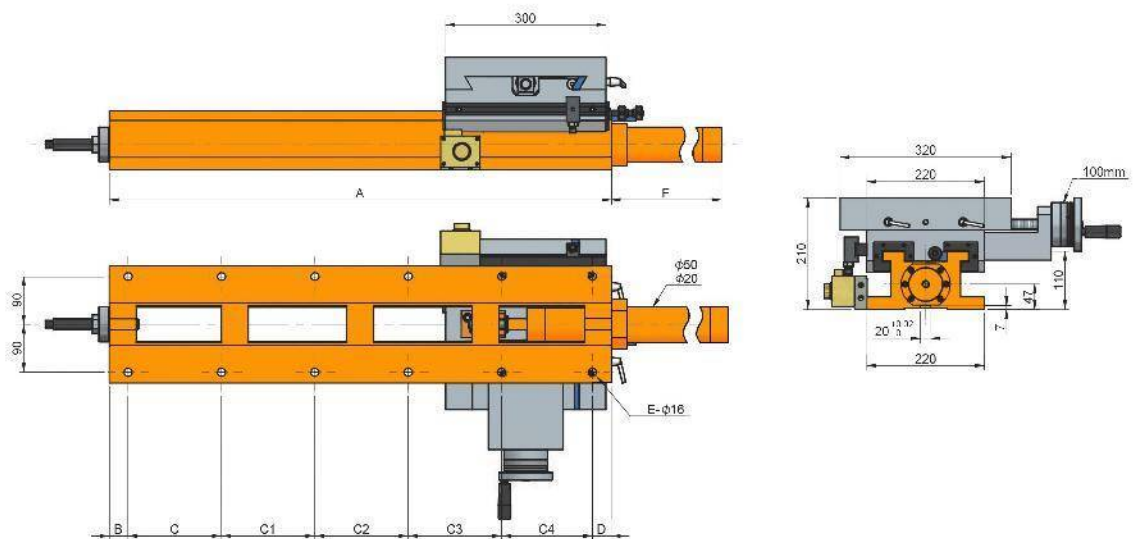
*** All dimensions are given in millimeters.

CHS300-300/800

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

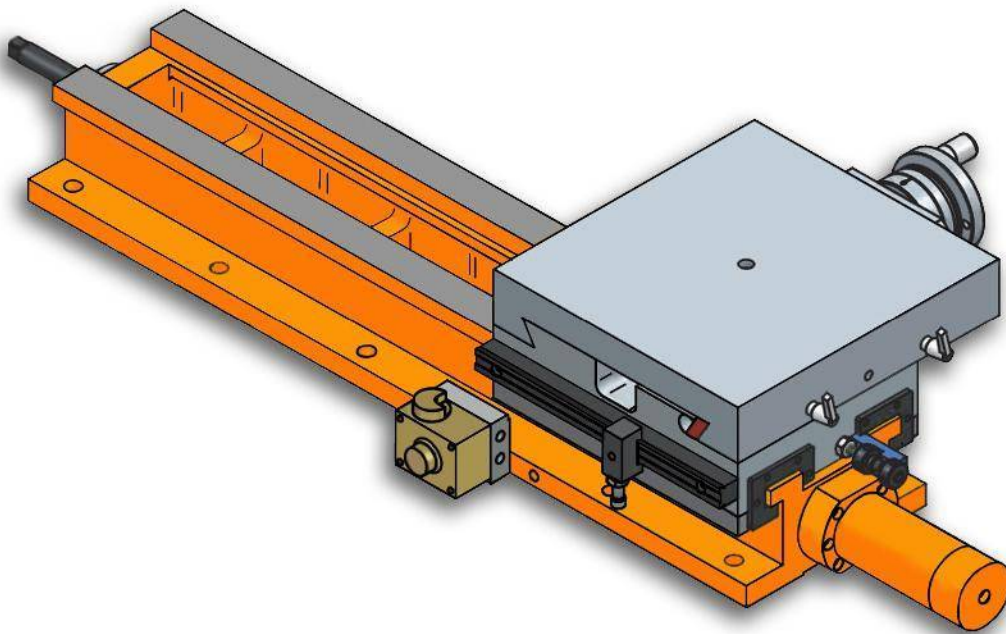
Model	CHS300-300/800
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
E	12.00
F	462.00
Maximum Stroke In "X" Axis	480.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	240.00

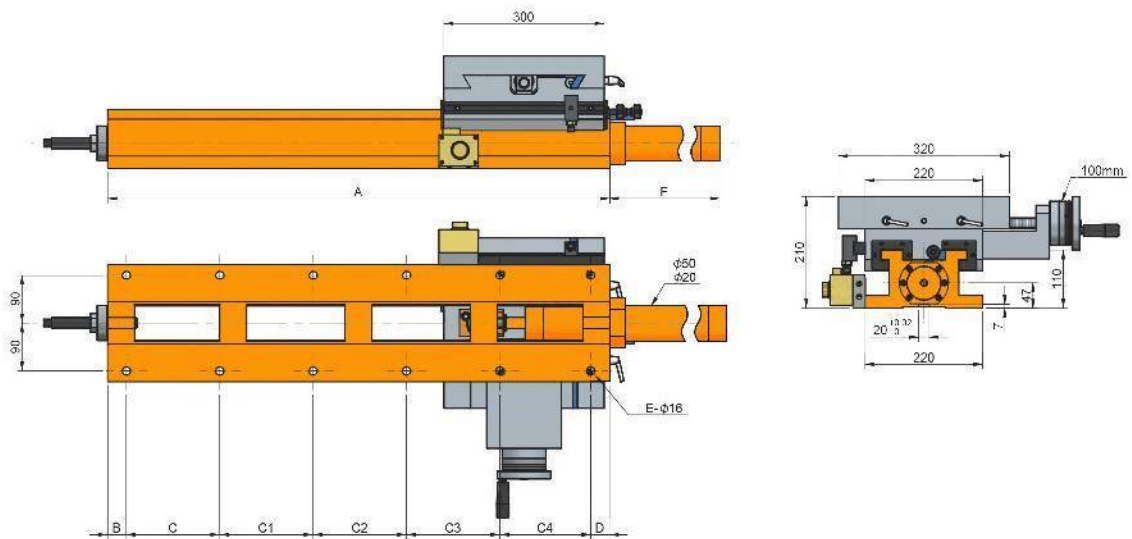
*** All dimensions are given in millimeters.

CHS300-300/940

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)







Characteristics & Dimensions

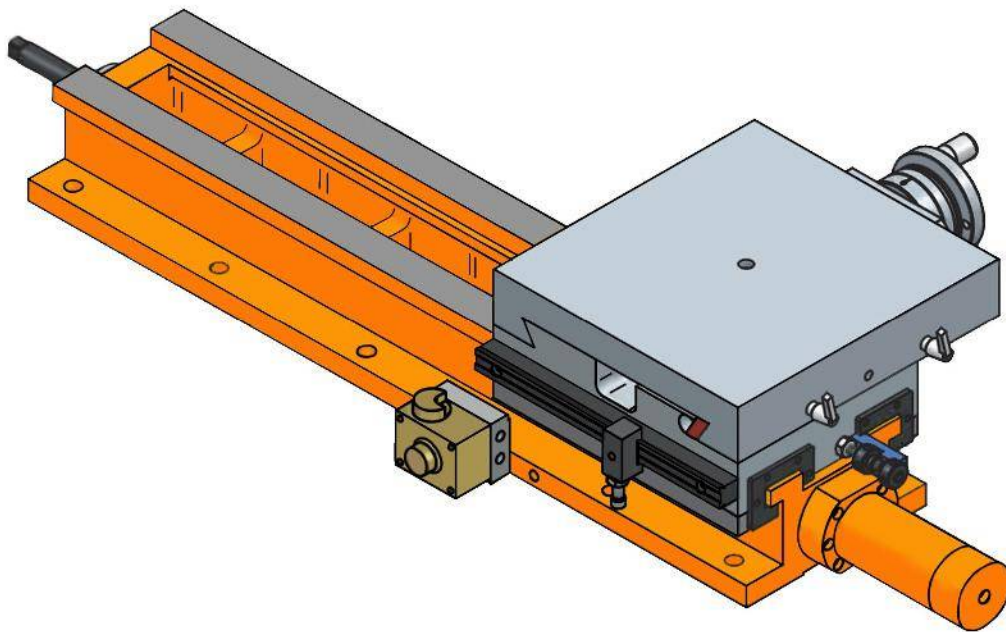
Model	CHS300-300/940
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
E	12.00
F	602.00
Maximum Stroke In "X" Axis	620.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	257.00

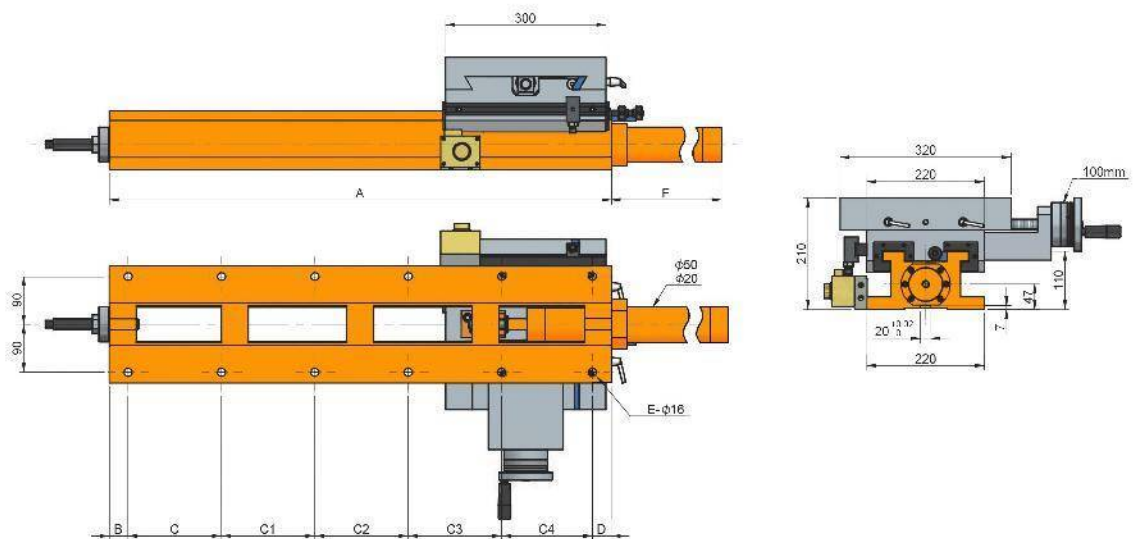
*** All dimensions are given in millimeters.

CHS300-300/1200

Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

Model	CHS300-300/1200
A	1200.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
E	14.00
F	862.00
Maximum Stroke In "X" Axis	880.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	292.00

*** All dimensions are given in millimeters.

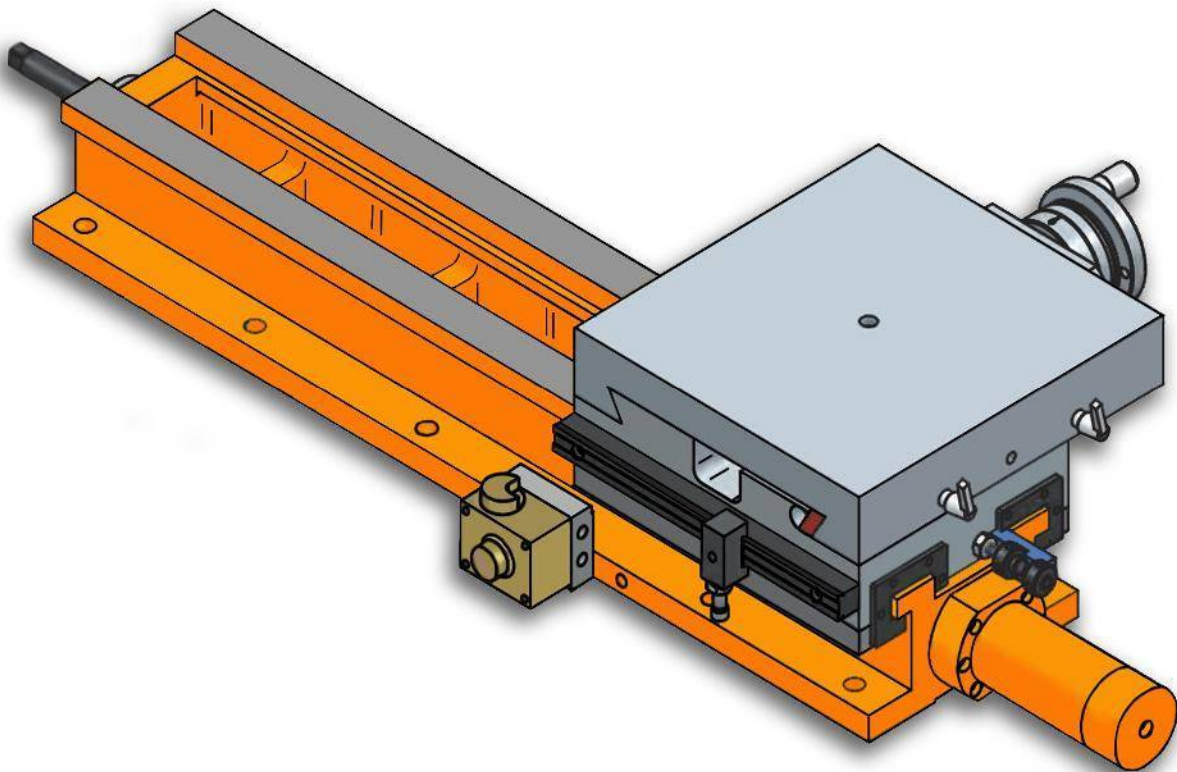
CHS-H SERIES

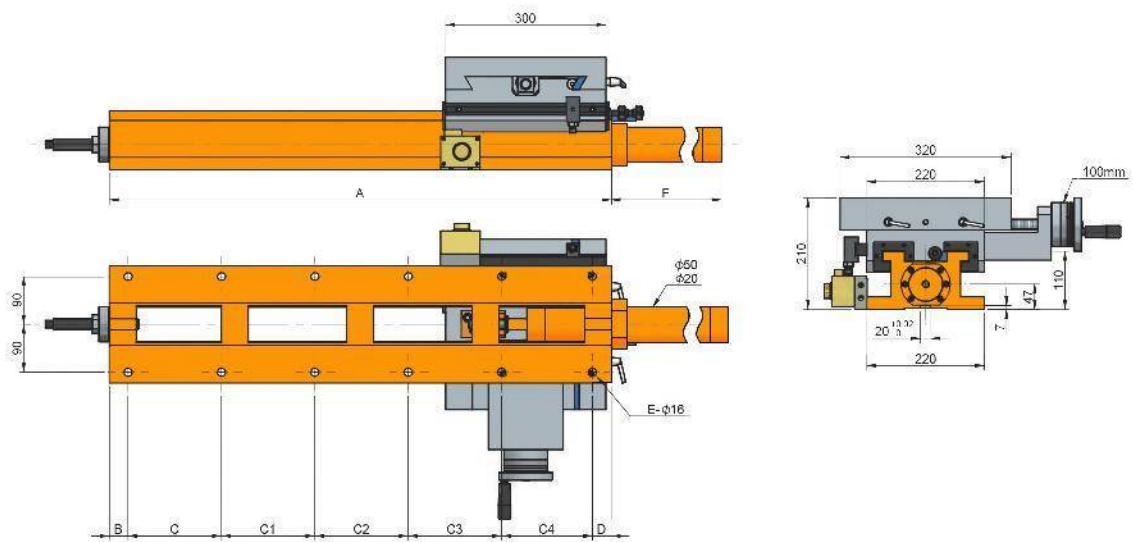
REINFORCED MIXED
CROSSED TABLES
(HYDRAULIC + MANUAL)

CHS300-300/420H

Hi Performance Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

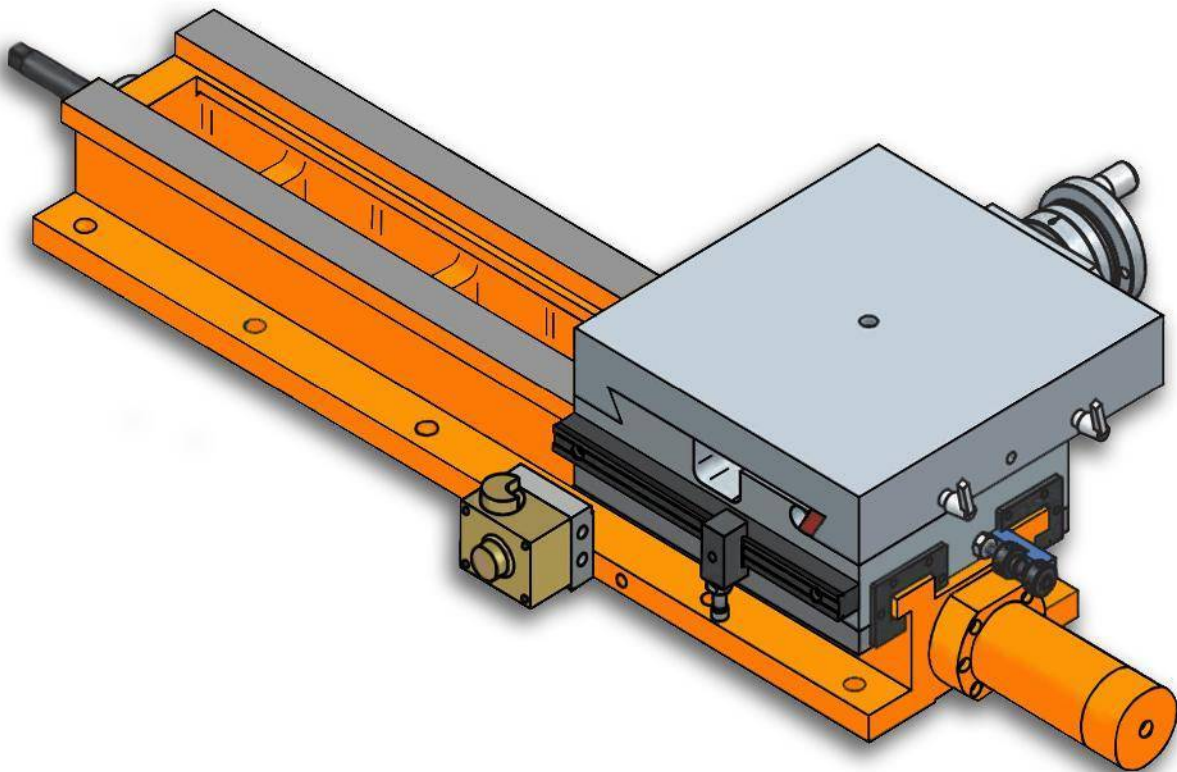
Model	CHS300-300/420H
A	420.00
B	35.00
C	150.00
C1	200.00
C2	-
C3	-
C4	-
C5	-
D	35.00
E	6.00
F	75.00
Maximum Stroke In "X" Axis	100.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	180.00

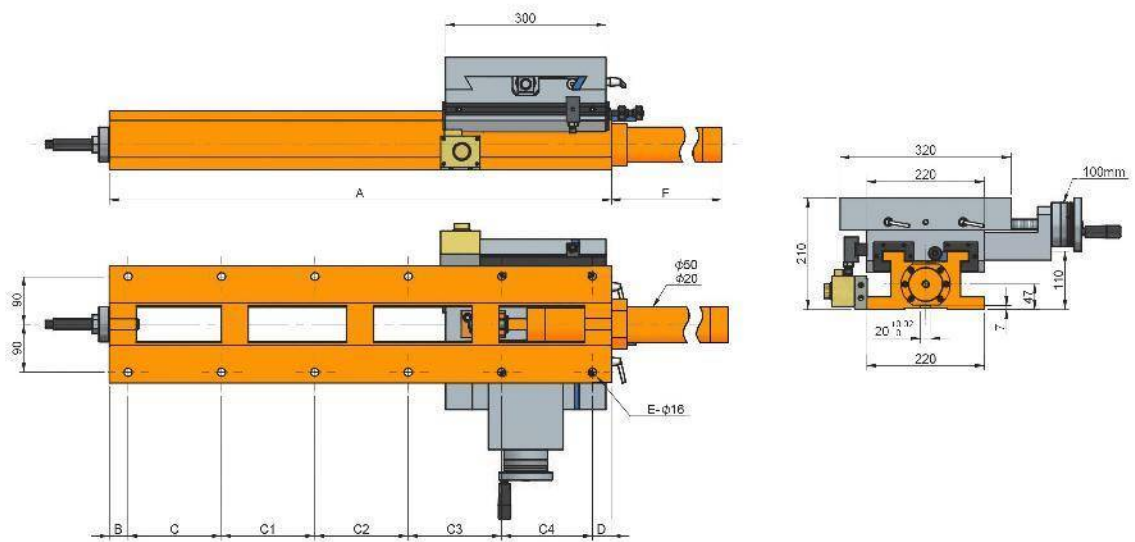
*** All dimensions are given in millimeters.

CHS300-300/560H

Hi Performance Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

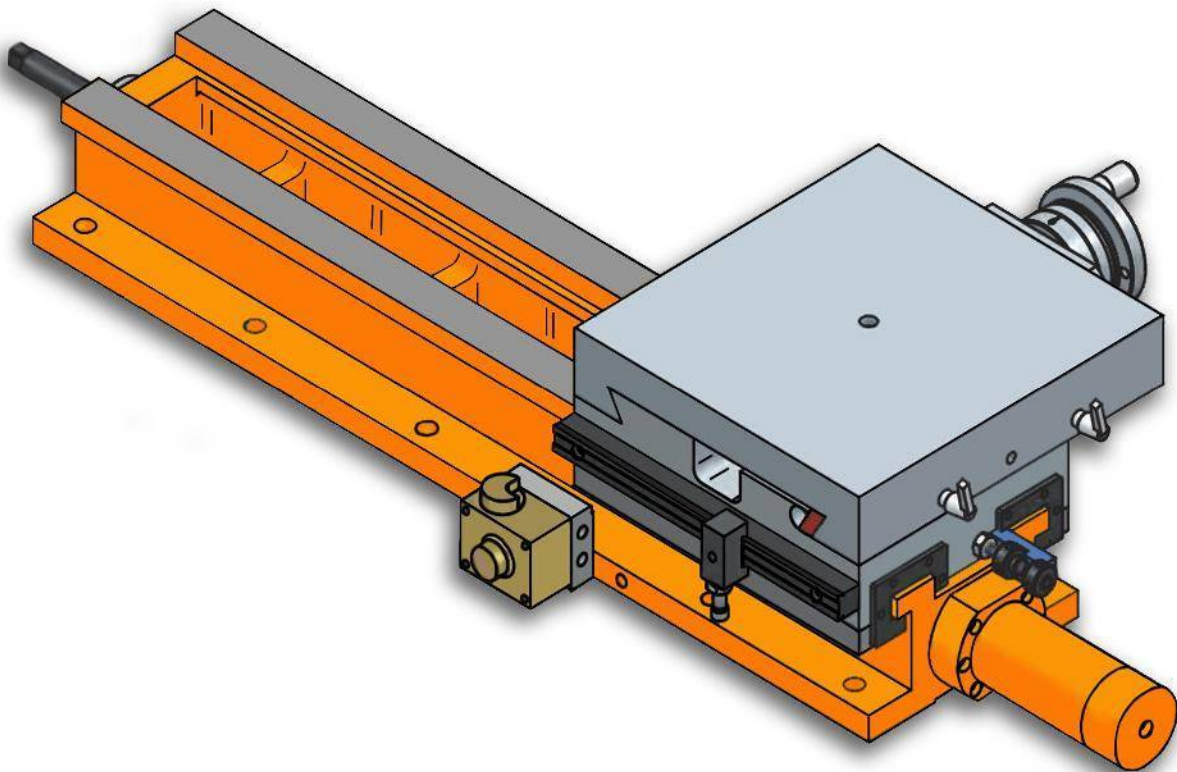
Model	CHS300-300/560H
A	560.00
B	35.00
C	165.00
C1	165.00
C2	165.00
C3	-
C4	-
C5	-
D	30.00
E	8.00
F	224.00
Maximum Stroke In "X" Axis	240.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	195.00

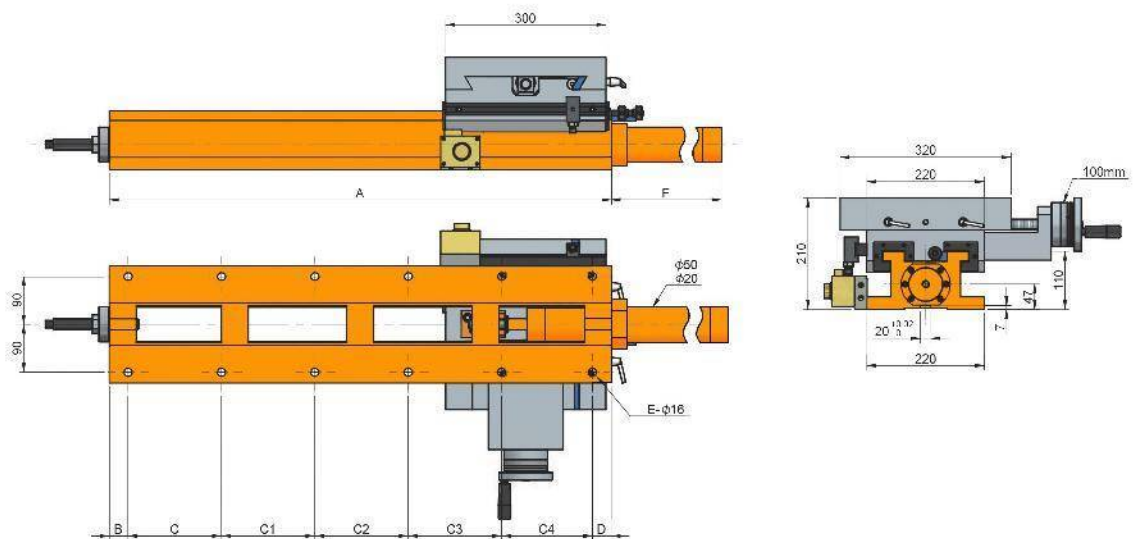
*** All dimensions are given in millimeters.

CHS300-300/670H

Hi Performance Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)







Characteristics & Dimensions

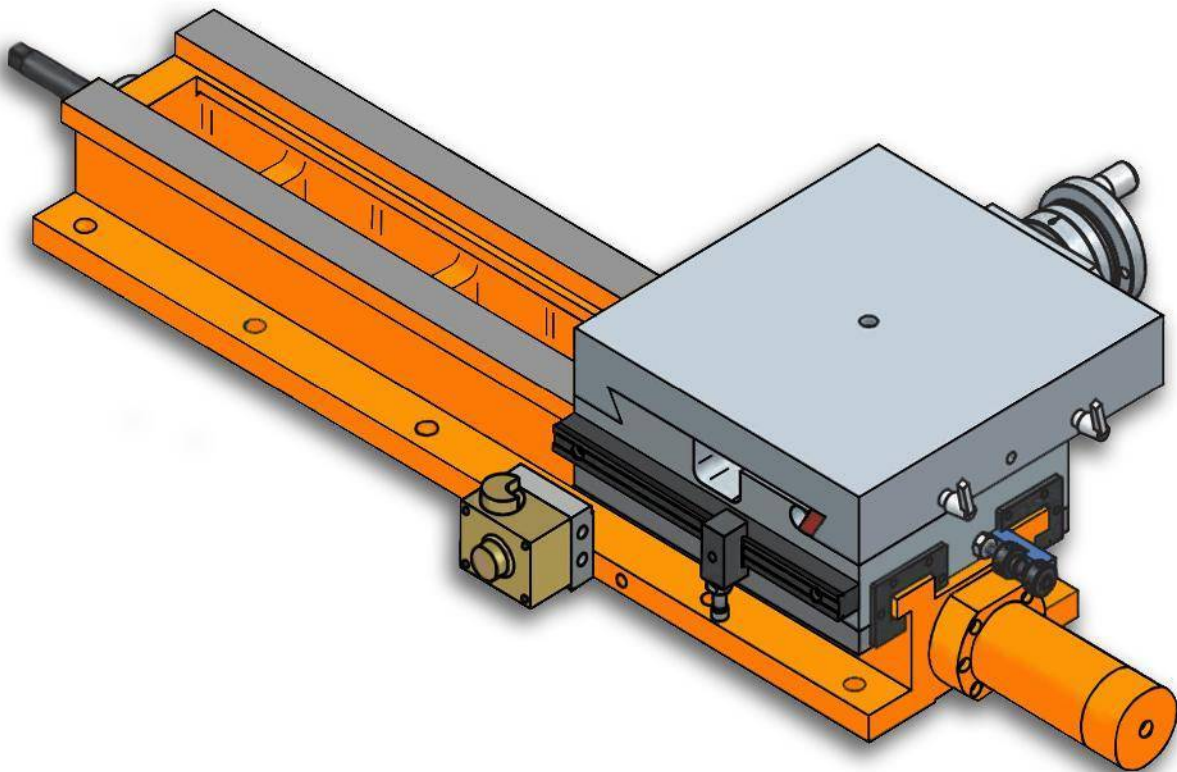
Model	CHS300-300/670H
A	670.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	180.00
C4	-
C5	-
D	35.00
E	10.00
F	335.00
Maximum Stroke In "X" Axis	350.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	237.00

*** All dimensions are given in millimeters.

CHS300-300/800H

Hi Performance Mixed Crossed Sliding Table

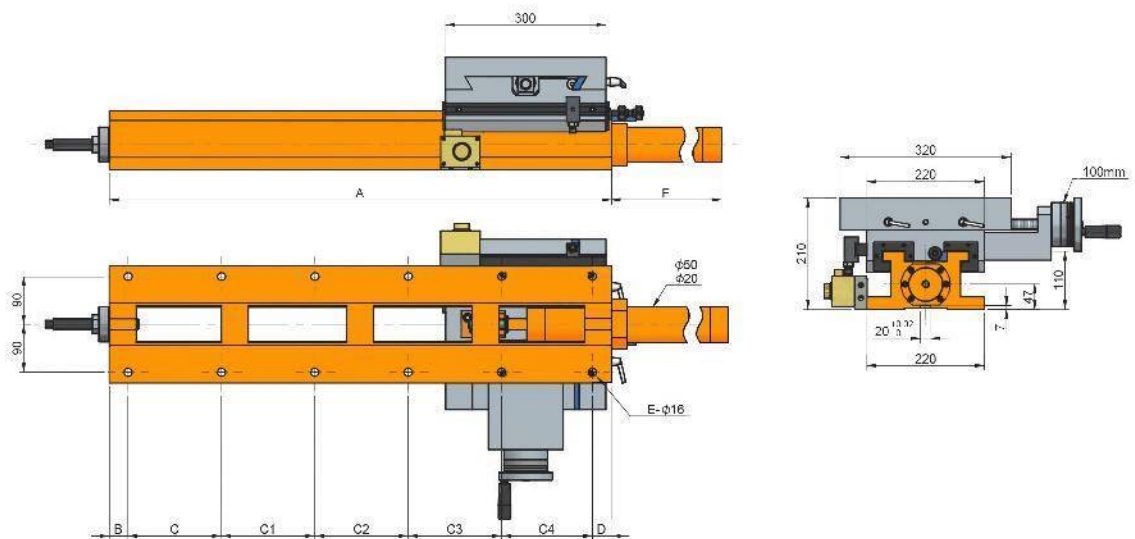
(Hydraulic + Manual Movement)



Characteristics & Dimensions

Model	CHS300-300/800H
A	800.00
B	35.00
C	140.00
C1	140.00
C2	140.00
C3	140.00
C4	170.00
C5	-
D	35.00
E	12.00
F	465.00
Maximum Stroke In "X" Axis	480.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	248.00

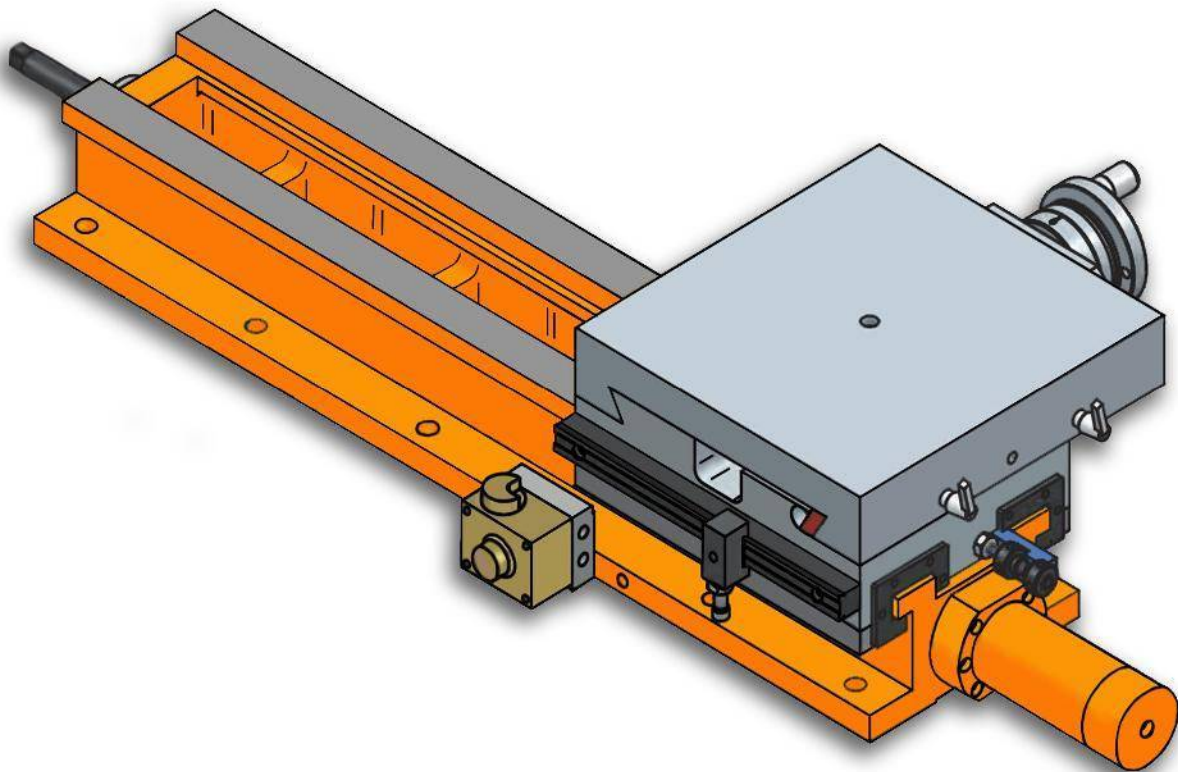
*** All dimensions are given in millimeters.

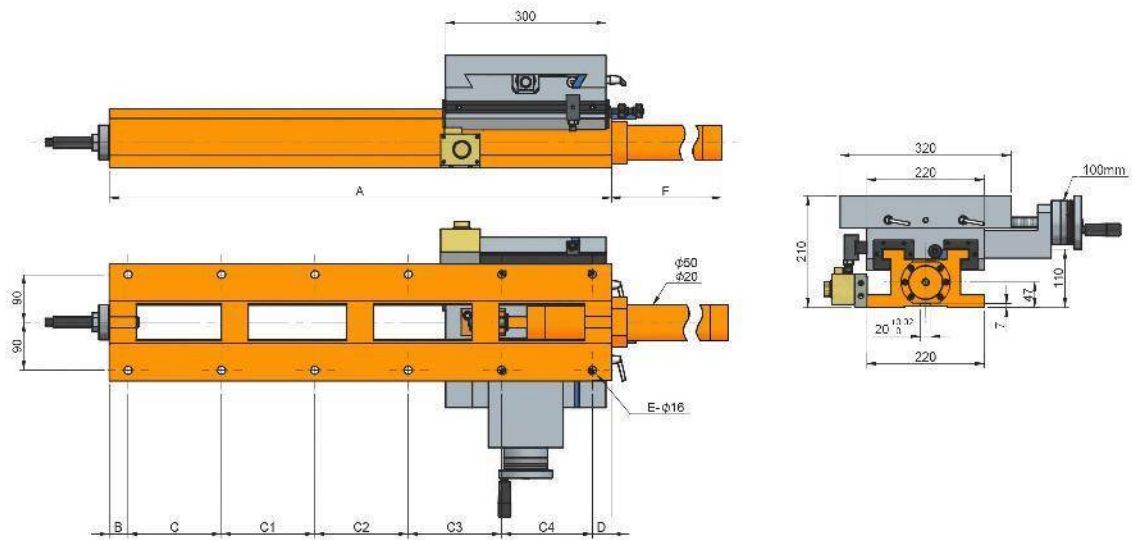


CHS300-300/940H

Hi Performance Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)







Characteristics & Dimensions

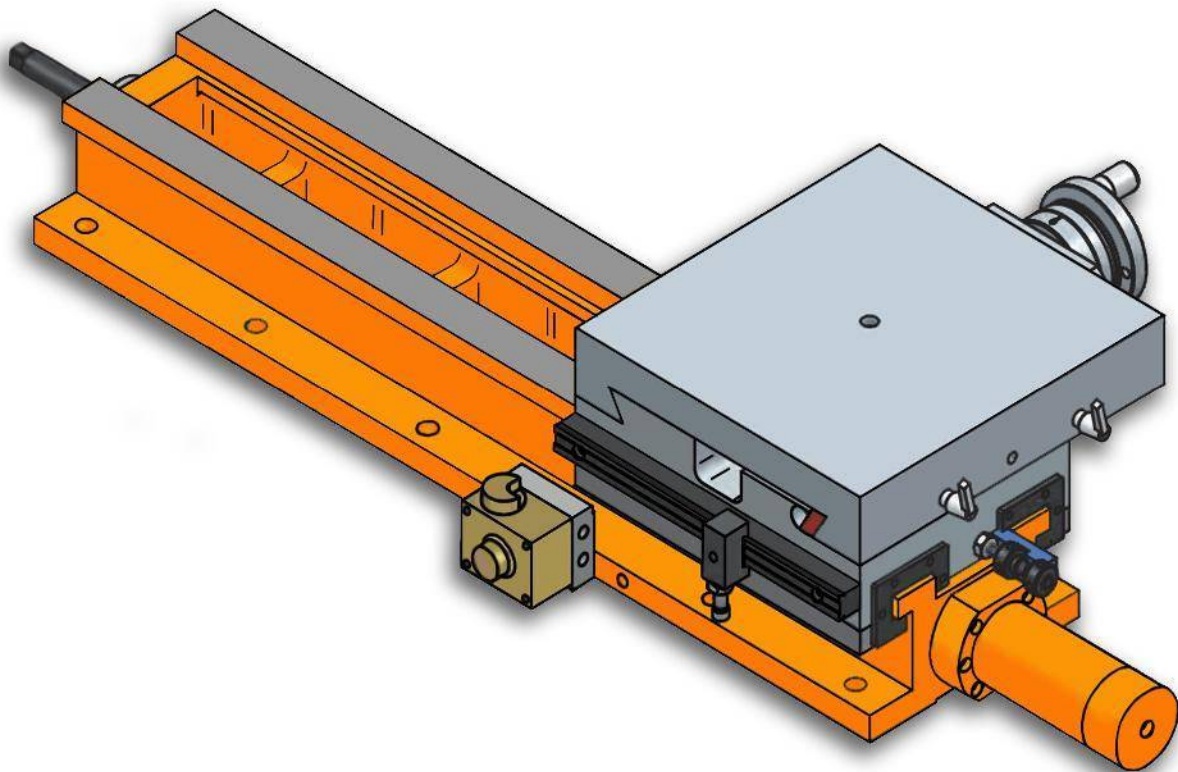
Model	CHS300-300/940H
A	940.00
B	35.00
C	175.00
C1	175.00
C2	175.00
C3	175.00
C4	175.00
C5	-
D	30.00
E	12.00
F	608.00
Maximum Stroke In "X" Axis	620.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	263.00

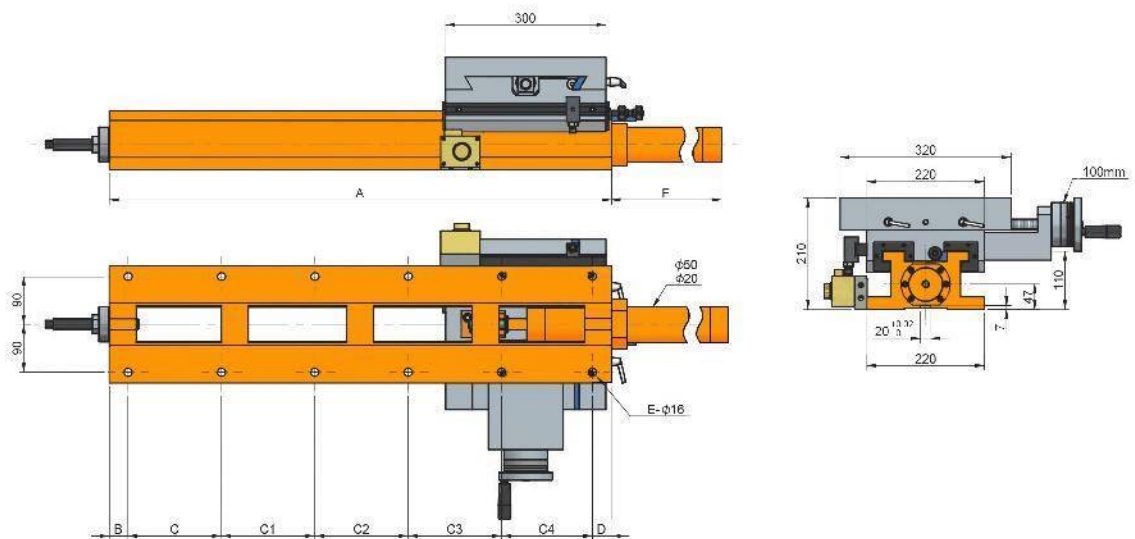
*** All dimensions are given in millimeters.

CHS300-300/1200H

Hi Performance Mixed Crossed Sliding Table

(Hydraulic + Manual Movement)





Characteristics & Dimensions

Model	CHS300-300/1200H
A	1200.00
B	30.00
C	190.00
C1	190.00
C2	190.00
C3	190.00
C4	190.00
C5	190.00
D	30.00
E	14.00
F	868.00
Maximum Stroke In "X" Axis	880.00
Maximum Stroke In "Y" Axis	100.00
Sliding Table Dimensions	300.00 x 320.00
Device Total Weight	281.00

*** All dimensions are given in millimeters.



CK SERIES

PLATFORM WITH
ADJUSTABLE
HORIZONTAL HEIGHT

CK-200

Plataforma Con Altura Horizontal Ajustable

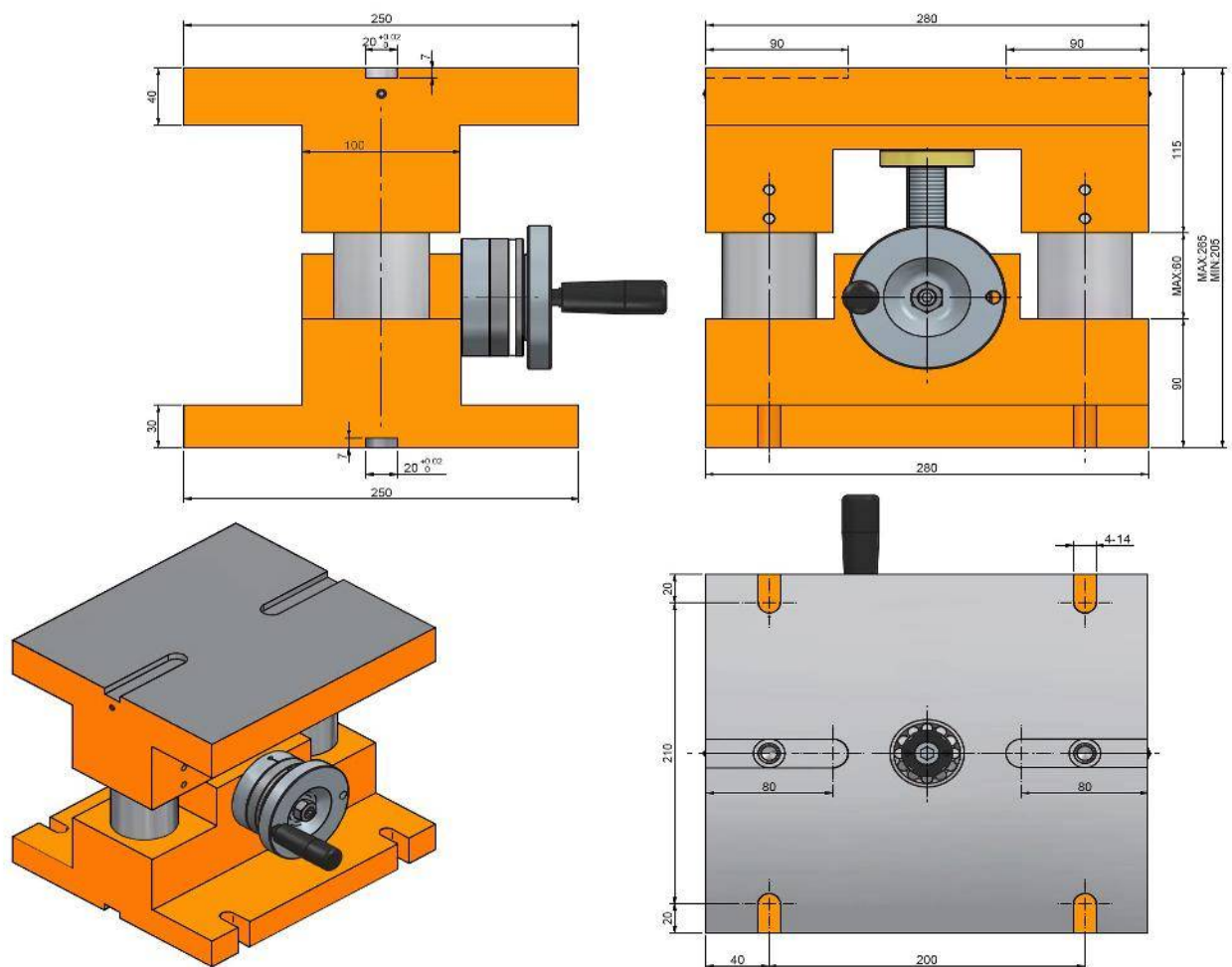




Características & Dimensiones

Modelo	CK-200
Capacidad De Carga Máxima (kg)	150.00
Carrera	60.00
Altura Máxima	320.00
Altura Mínima	260.00
Peso Del Dispositivo (Kg)	64.00

** Redondez: ≤ 0.003 mm.
*** Todas las dimensiones están dadas en milímetros.



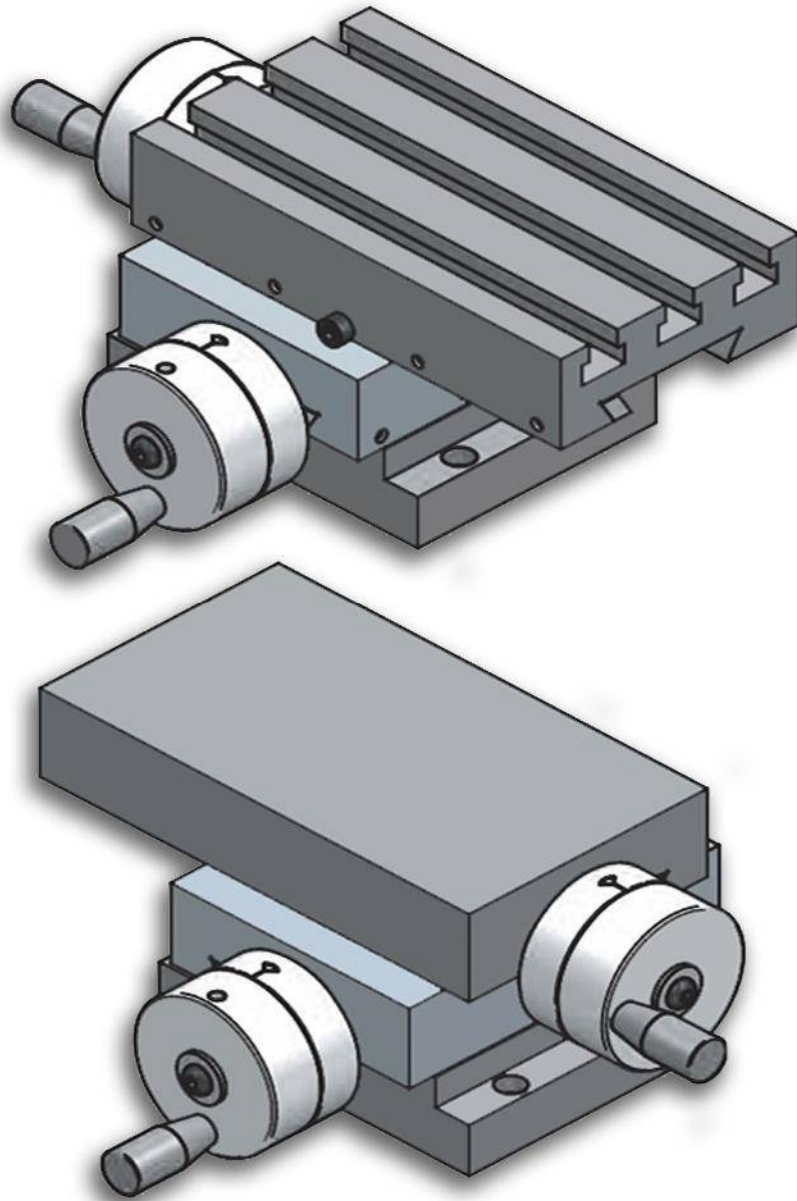


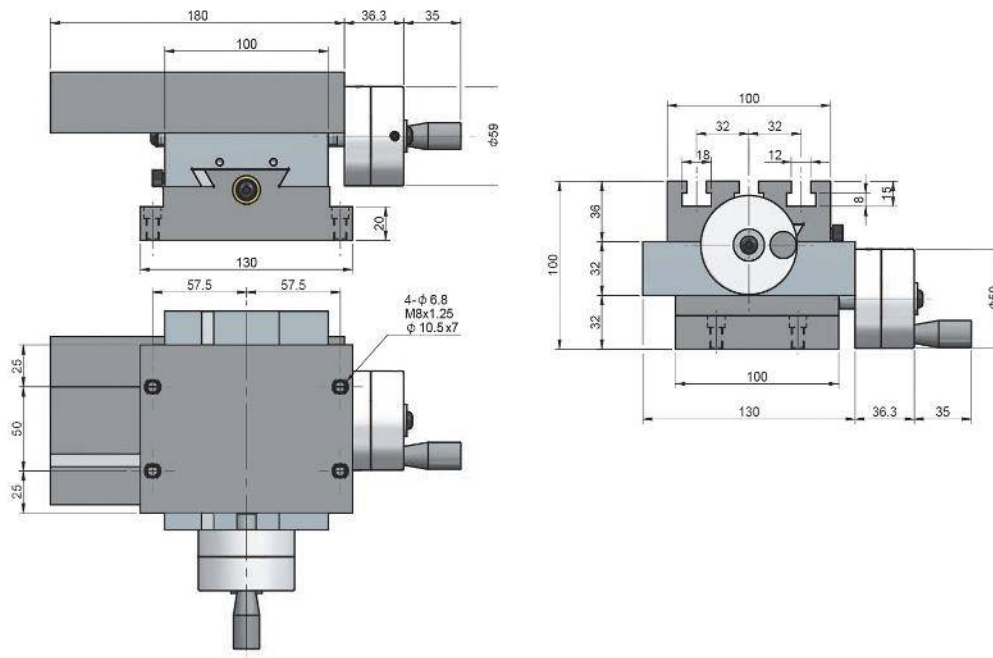
CST SERIES

MANUAL CROSSED SLIDING TABLES

CST-100

Manual Crossed Sliding Table



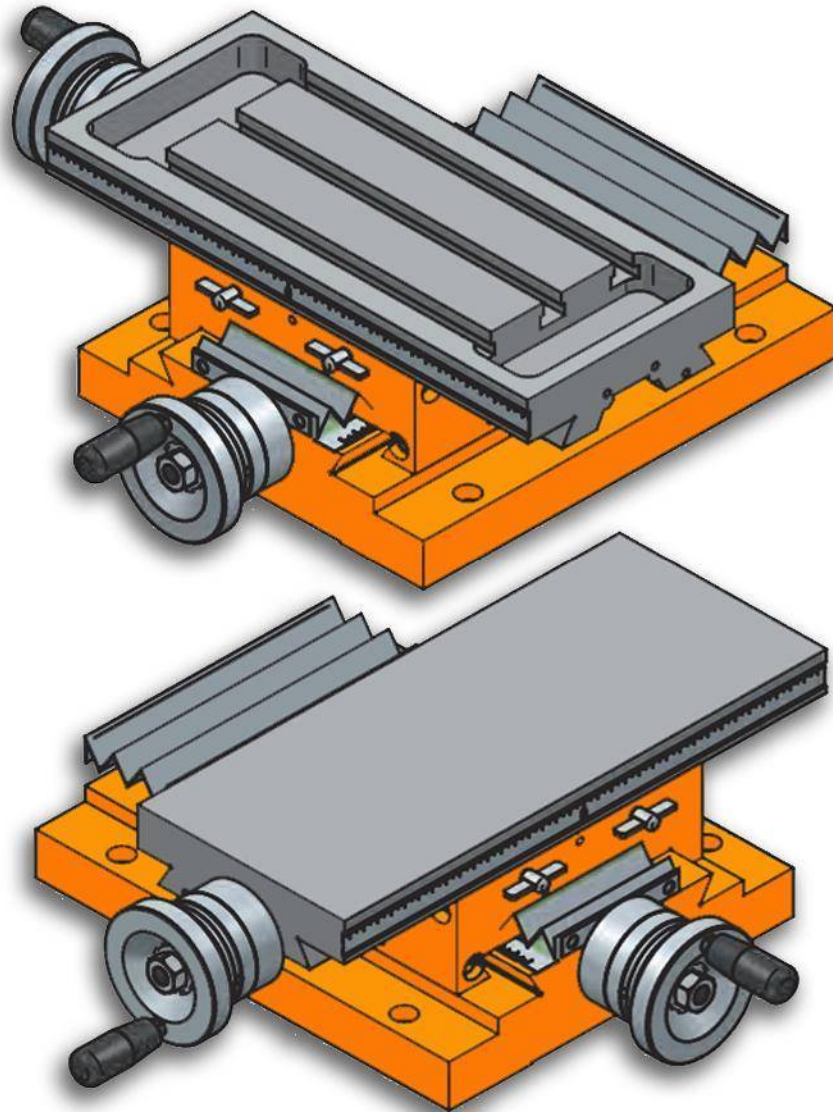


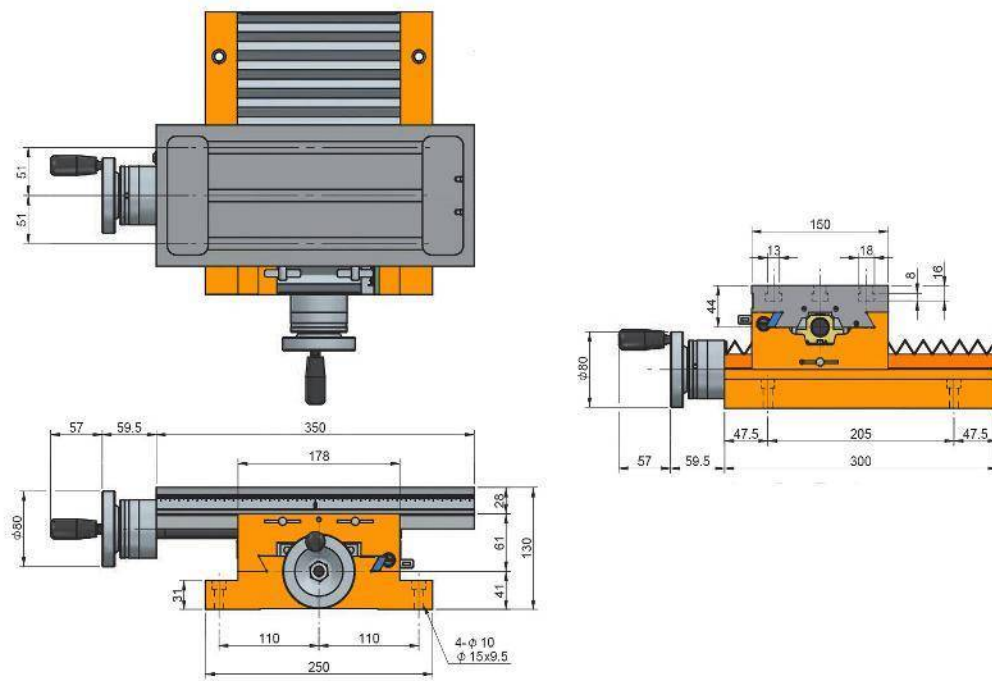
Characteristics & Dimensions

MODEL	CST-100
Upper Table Dimensions	100.00 x 180.00
Base Dimensions	130.00 x 100.00
"Y" Maximum Stroke	80.00
"X" Maximum Stroke	50.00
Dispositive Weight (Kg)	13.50
*** All dimensions are given in millimeters.	

CST-150

Manual Crossed Sliding Table





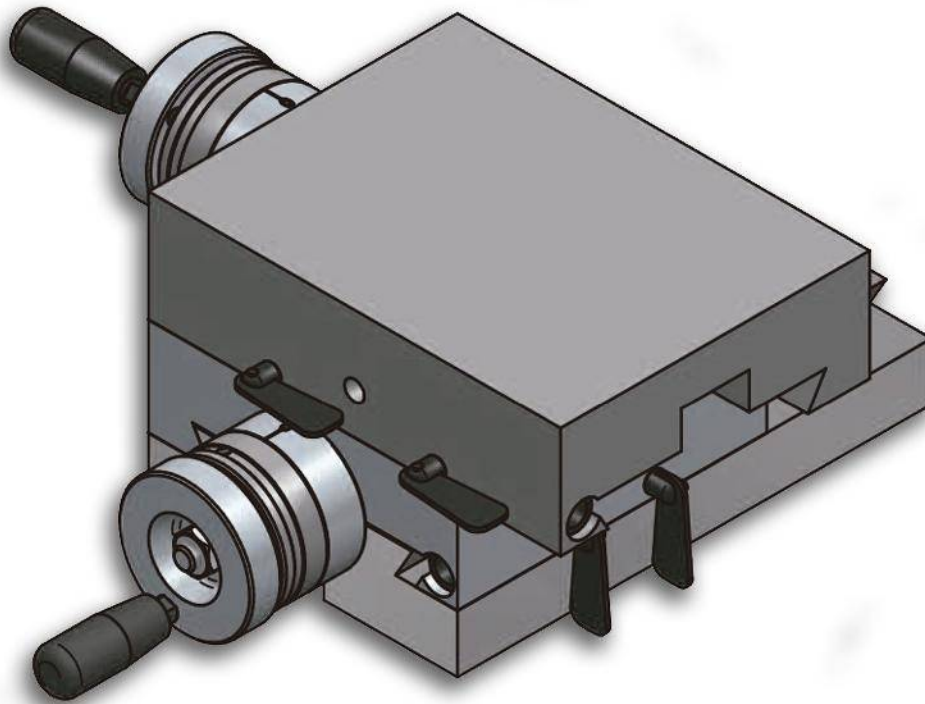
Characteristics & Dimensions

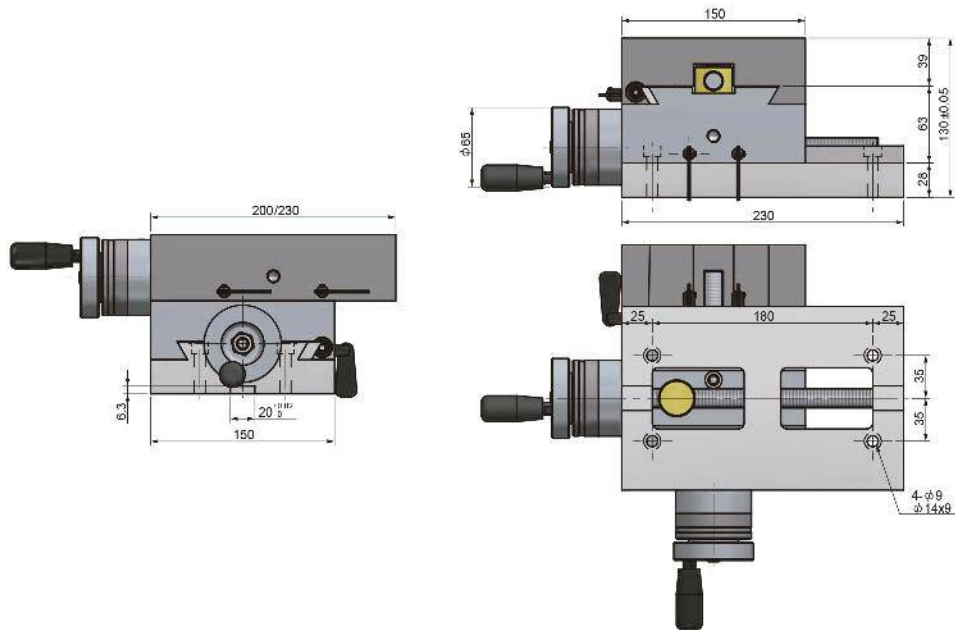
MODEL	CST-150
Upper Table Dimensions	150.00 x 350.00
Base Dimensions	250.00 x 300.00
"Y" Maximum Stroke	170.00
"X" Maximum Stroke	120.00
Dispositive Weight (Kg)	37.50

**** All dimensions are given in millimeters.

CST150-200/230

Manual Crossed Sliding Table



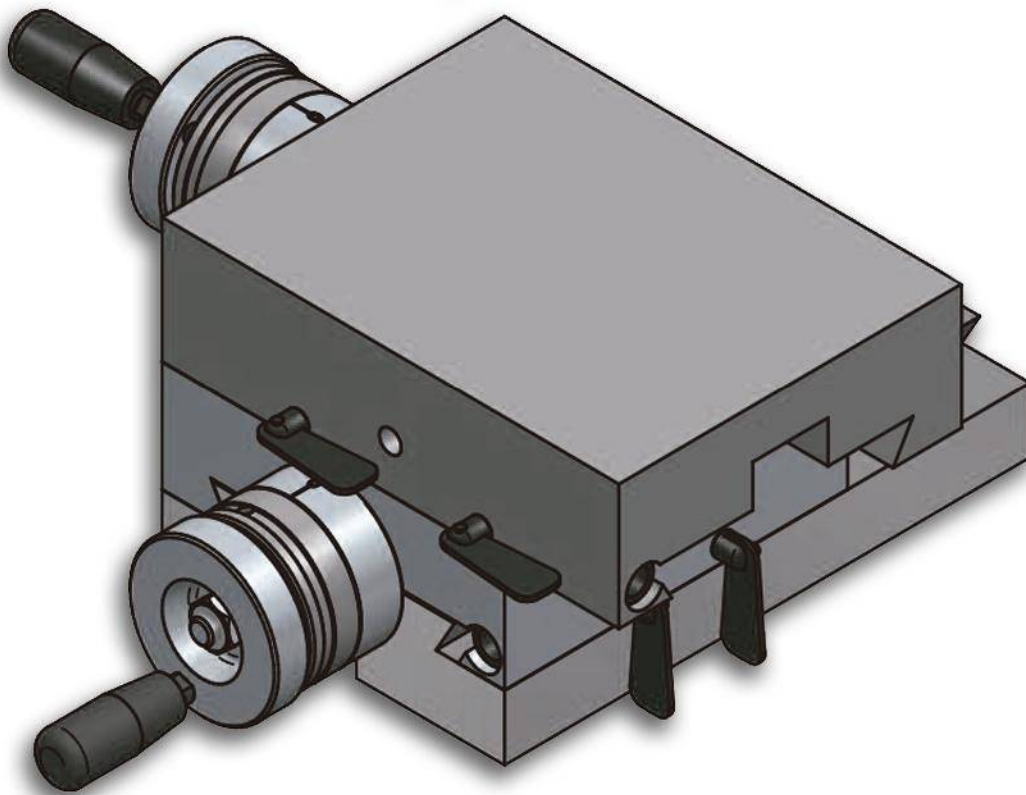


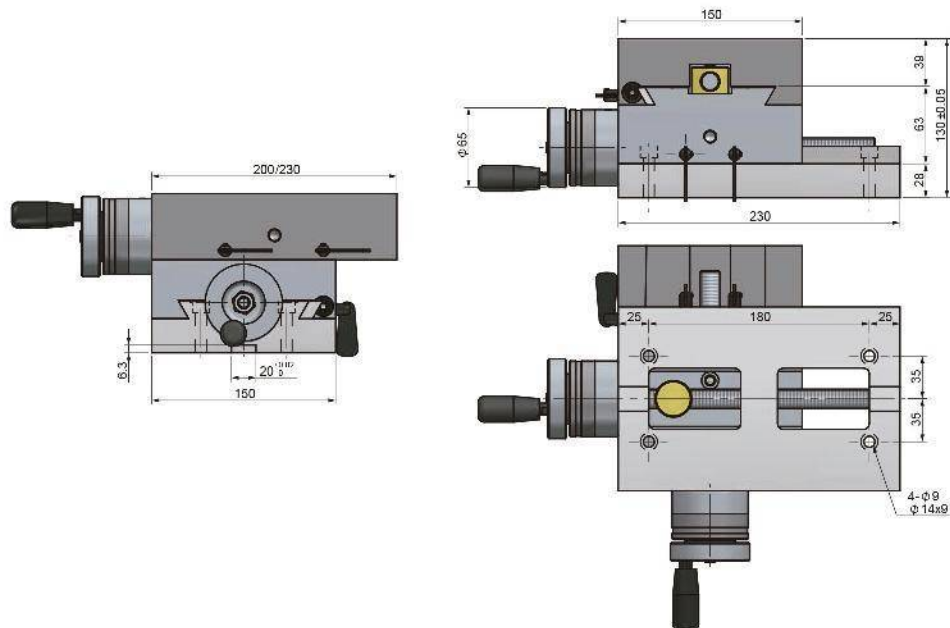
Characteristics & Dimensions

MODEL	CST-150-200/230
Upper Table Dimensions	150.00 x 200.00
Base Dimensions	150.00 x 230.00
"Y" Maximum Stroke	50.00
"X" Maximum Stroke	80.00
Dispositive Weight (Kg)	26.00
**** All dimensions are given in millimeters.	

CST150-230/230

Manual Crossed Sliding Table





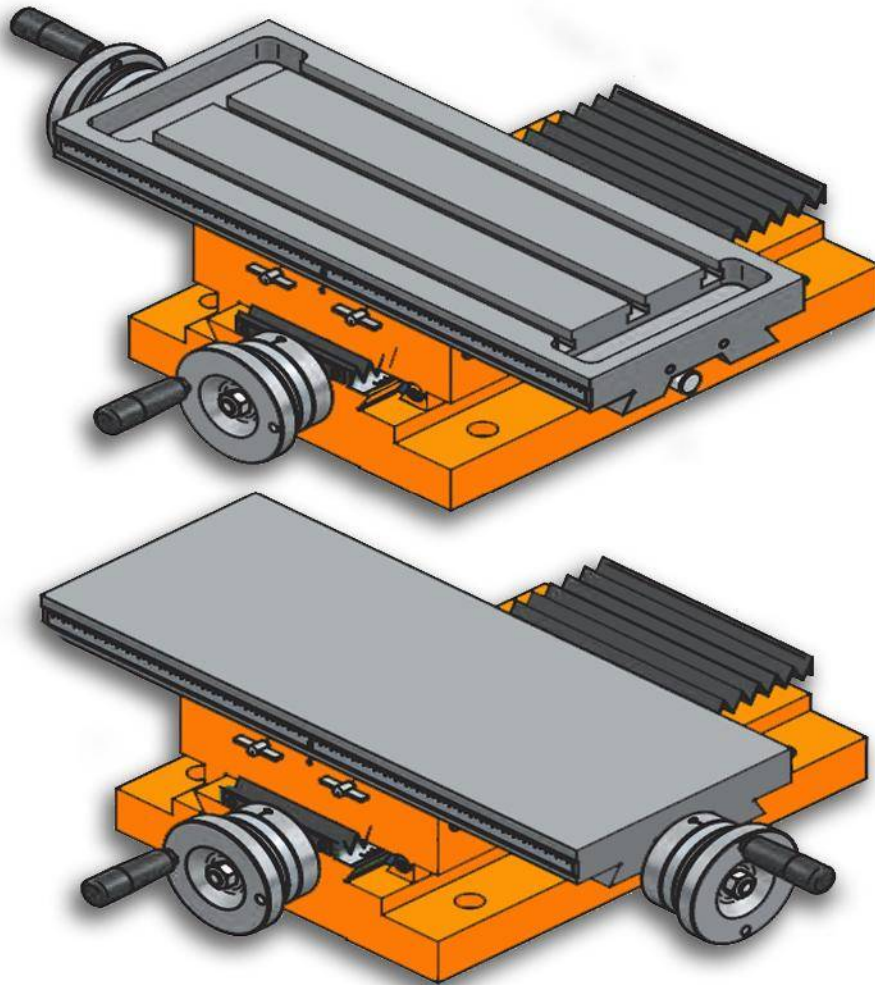
Characteristics & Dimensions

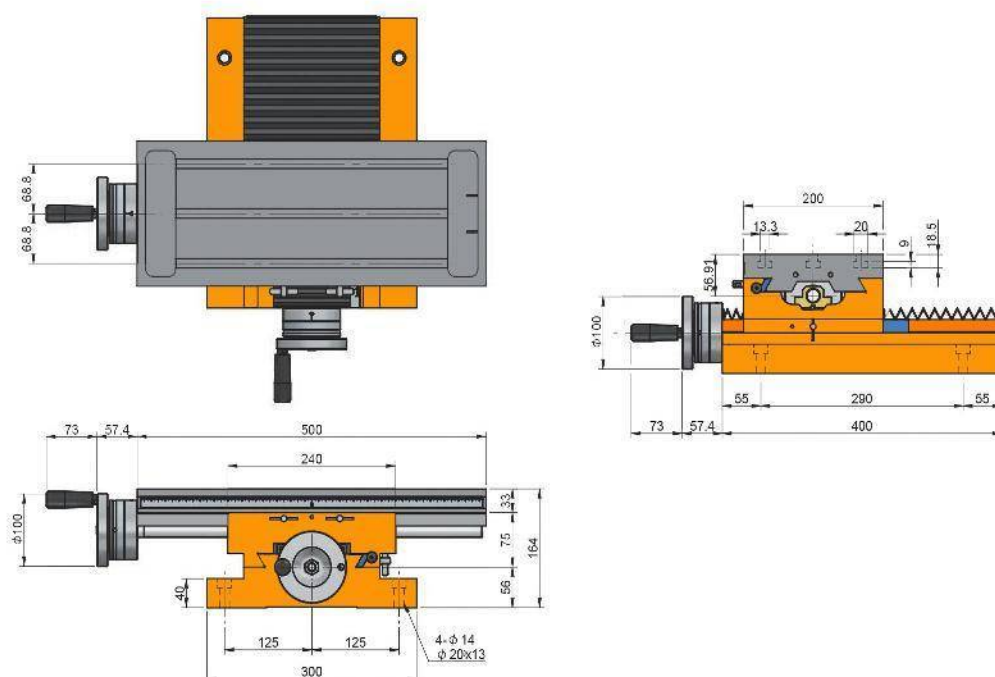
MODEL	CST-150-230-230
Upper Table Dimensions	150.00 x 230.00
Base Dimensions	150.00 x 230.00
"Y" Maximum Stroke	80.00
"X" Maximum Stroke	80.00
Dispositive Weight (Kg)	28.00

**** All dimensions are given in millimeters.

CST-200

Manual Crossed Sliding Table





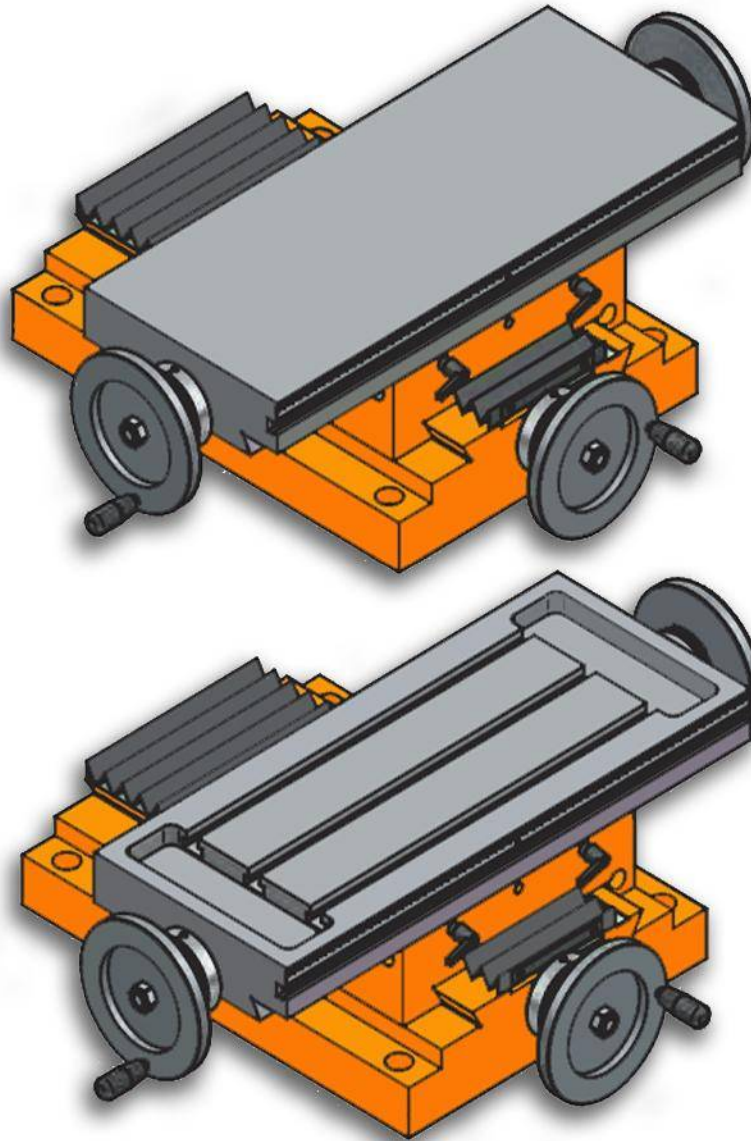
Characteristics & Dimensions

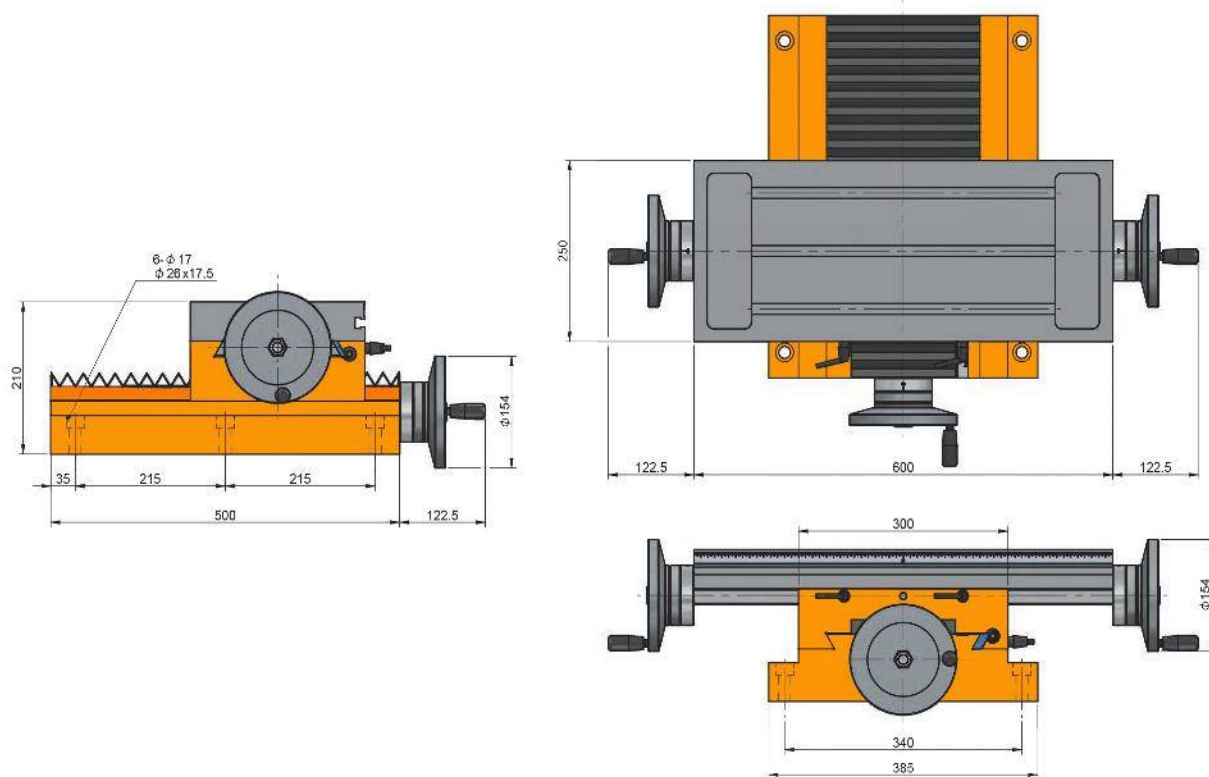
MODEL	CST-200
Upper Table Dimensions	200.00 x 500.00
Base Dimensions	300.00 x 400.00
"Y" Maximum Stroke	260.00
"X" Maximum Stroke	170.00
Dispositive Weight (Kg)	73.00

**** All dimensions are given in millimeters.

CST-250

Manual Crossed Sliding Table





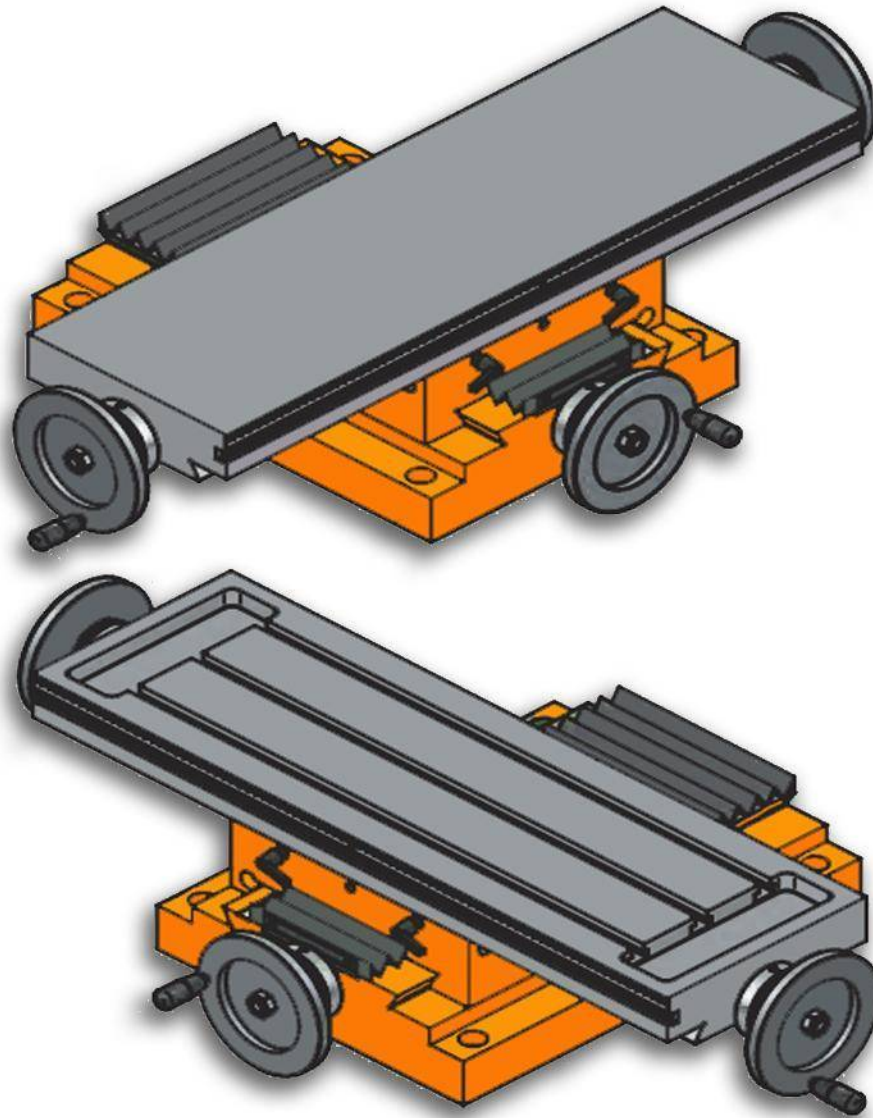
Characteristics & Dimensions

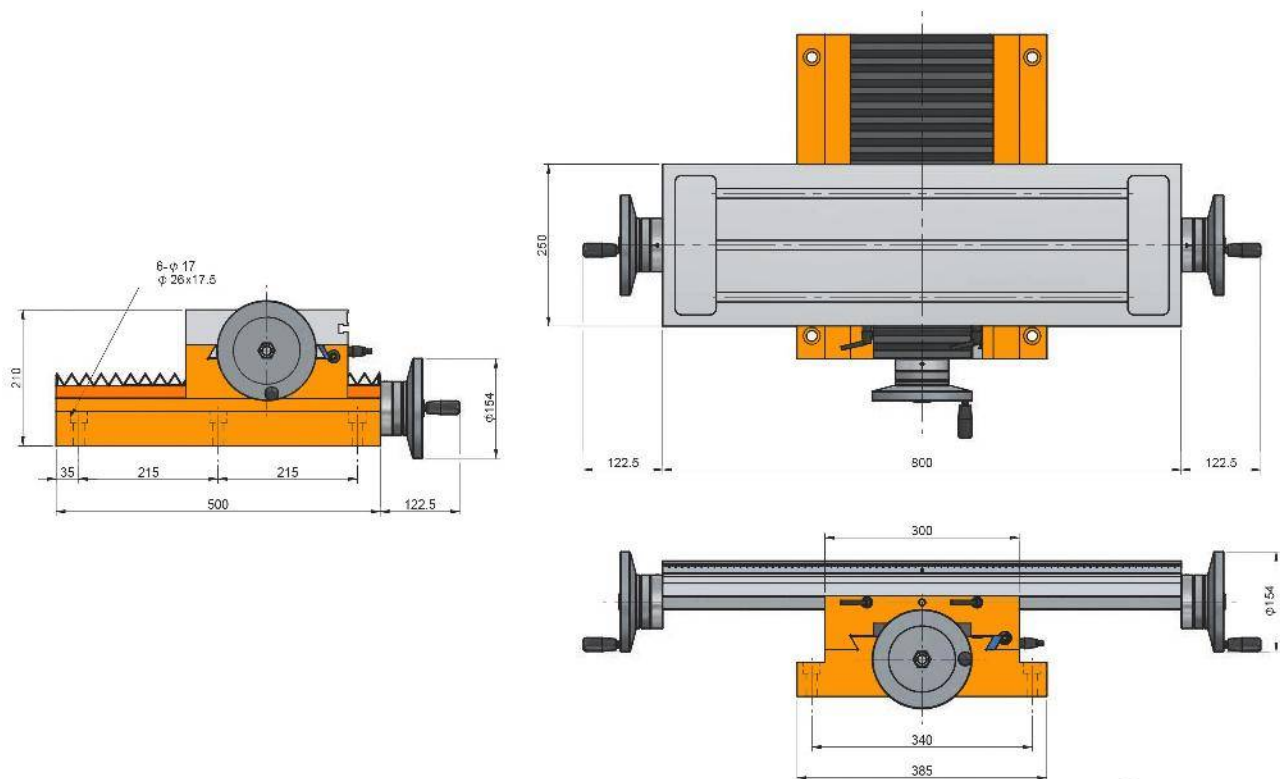
MODEL	CST-250
Upper Table Dimensions	250.00 x 600.00
Base Dimensions	385.00 x 500.00
"Y" Maximum Stroke	300.00
"X" Maximum Stroke	220.00
Dispositive Weight (Kg)	141.00

**** All dimensions are given in millimeters.

CST-250A

Manual Crossed Sliding Table





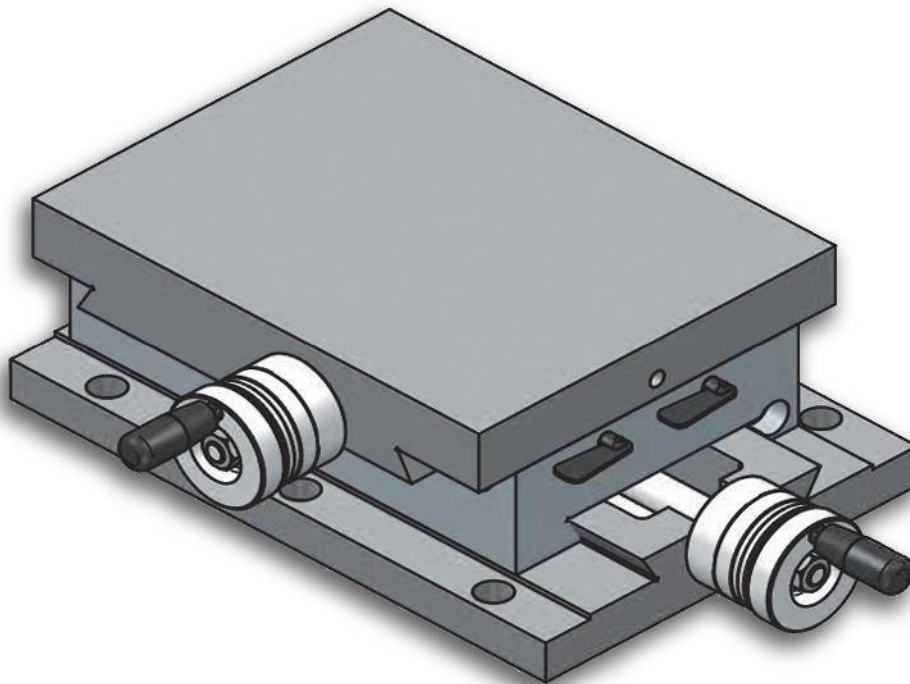
Characteristics & Dimensions

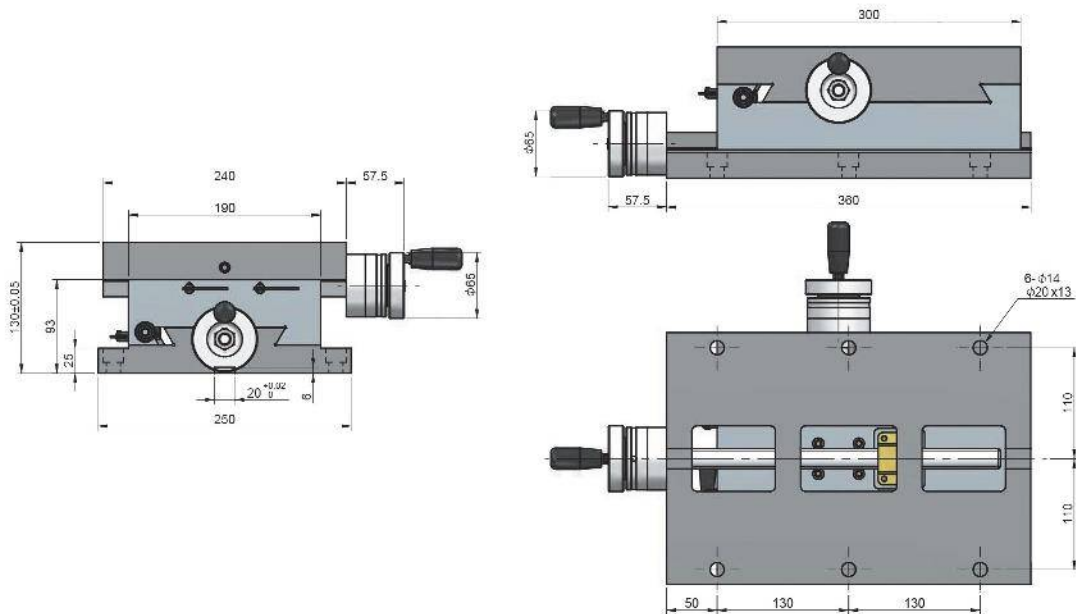
MODEL	CST-250A
Upper Table Dimensions	250.00 X 800.00
Base Dimensions	385.00 X 500.00
"Y" Maximum Stroke	500.00
"X" Maximum Stroke	220.00
Dispositive Weight (Kg)	165.00

**** All dimensions are given in millimeters.

CST-3024

Manual Crossed Sliding Table





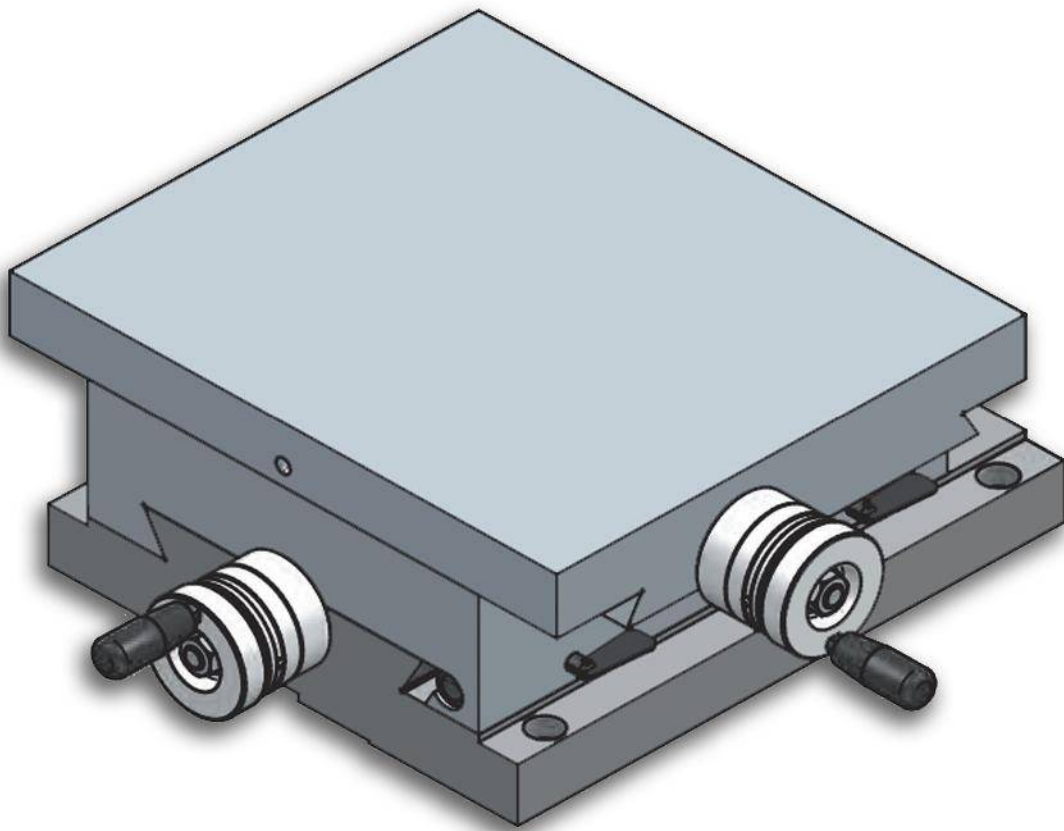
Characteristics & Dimensions

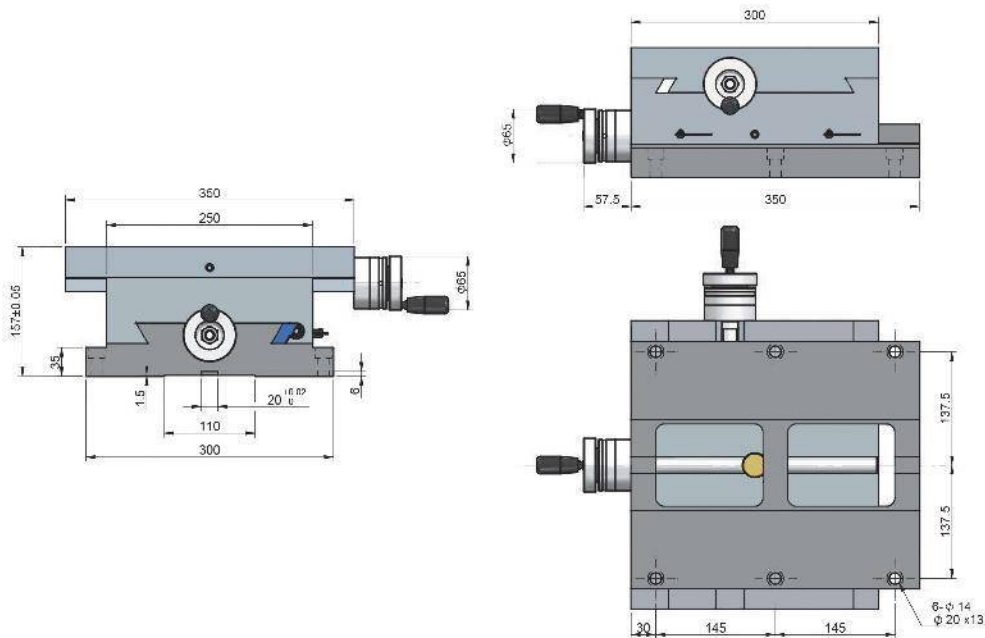
MODEL	CST-3024
Upper Table Dimensions	300.00 x 240.00
Base Dimensions	250.00 x 360.00
"Y" Maximum Stroke	50.00
"X" Maximum Stroke	60.00
Dispositive Weight (Kg)	53.00

**** All dimensions are given in millimeters.

CST-3035

Manual Crossed Sliding Table





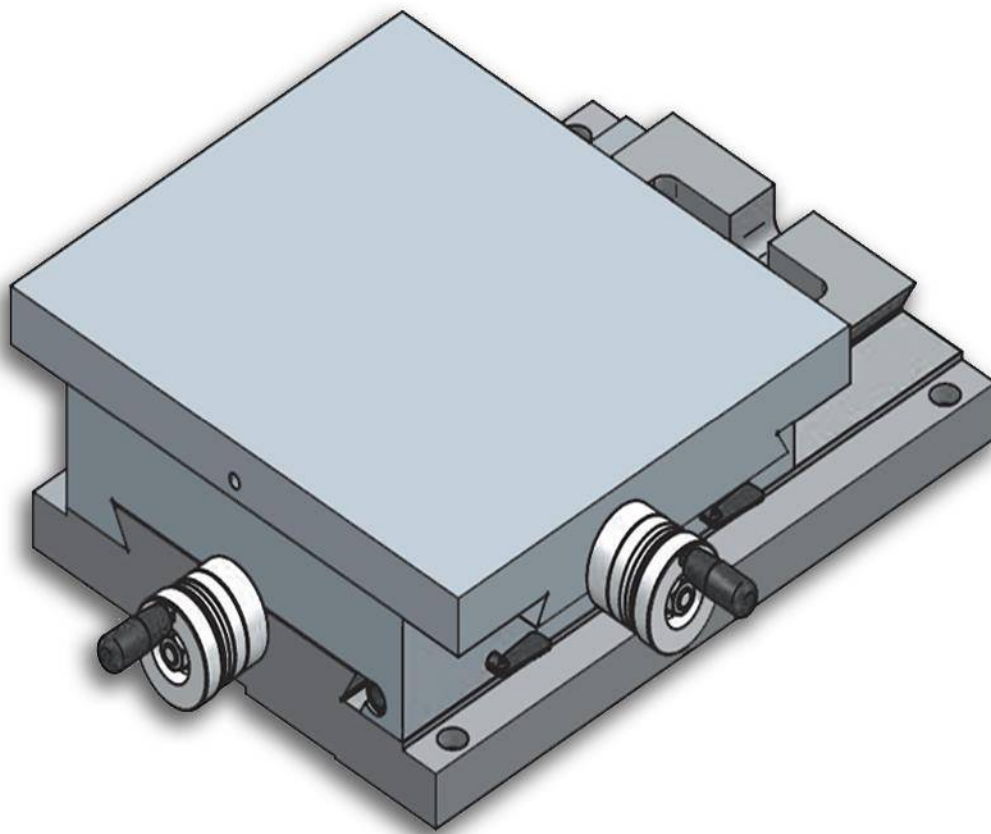
Characteristics & Dimensions

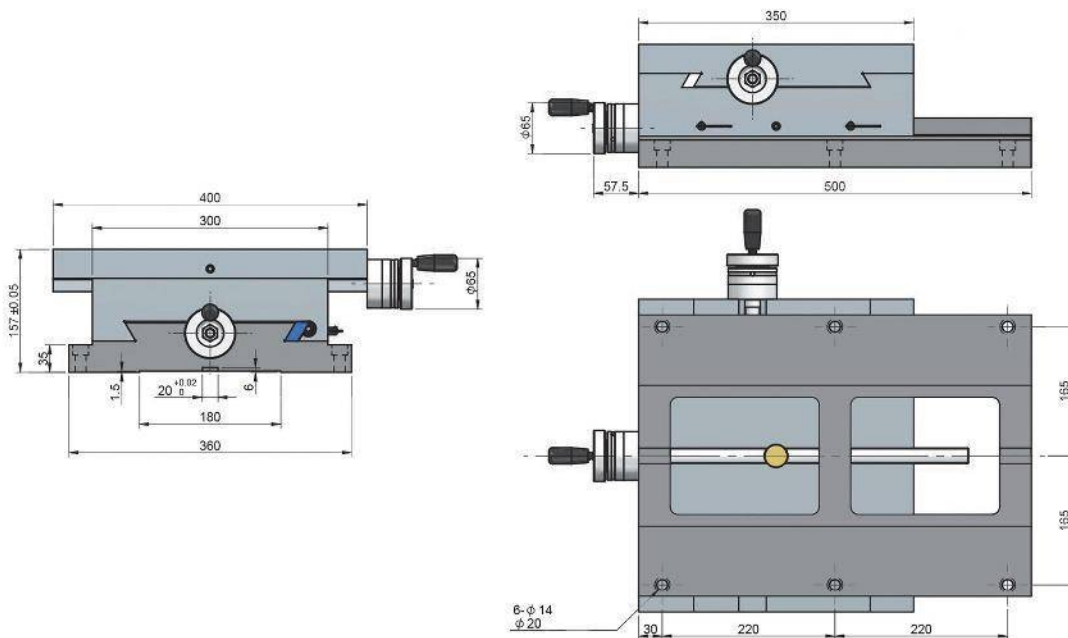
MODEL	CST-3035
Upper Table Dimensions	300.00 x 350.00
Base Dimensions	300.00 x 350.00
"Y" Maximum Stroke	100.00
"X" Maximum Stroke	50.00
Dispositive Weight (Kg)	78.00

**** All dimensions are given in millimeters.

CST-3650

Manual Crossed Sliding Table





Characteristics & Dimensions

MODEL	CST-3650
Upper Table Dimensions	350.00 x 400.00
Base Dimensions	360.00 x 500.00
"Y" Maximum Stroke	100.00
"X" Maximum Stroke	150.00
Dispositive Weight (Kg)	115.00

**** All dimensions are given in millimeters.



D51N SERIES

DRILLING/TAPPING
DOUBLE SPINDLE HEAD

D51N

Drilling & Tapping Double Purpose Spindle Head

(Pre Assambled Devide)

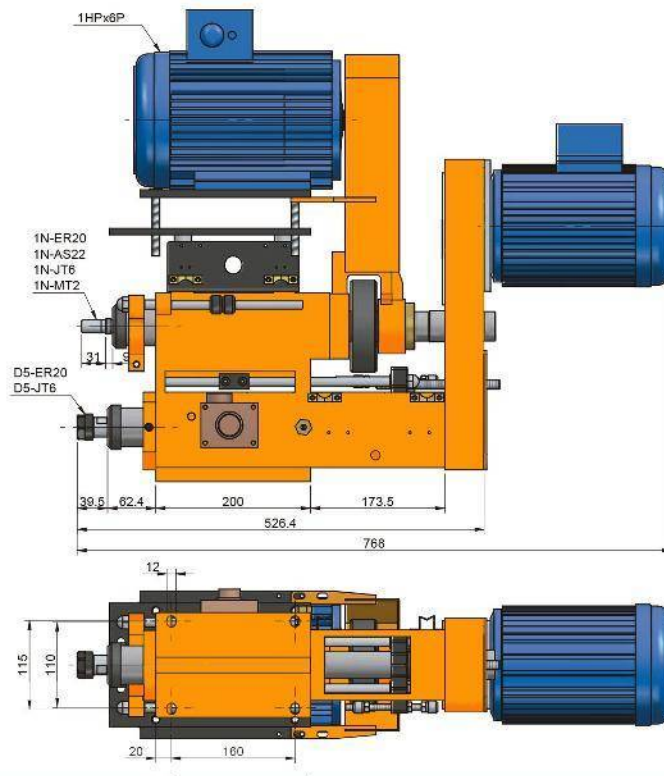
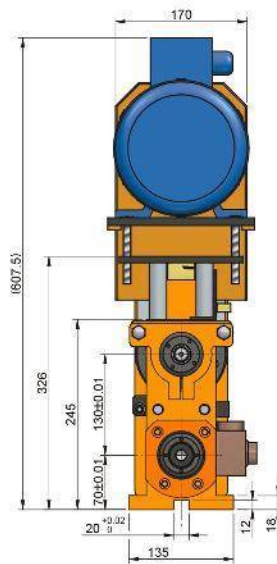


Characteristics & Dimensions

D51N

MODEL	SD5-85
Drilling Capacity (S45C)	Ø13
Maximum Stroke	85.00
Maximum Speed (r.p.m.)	Ø13
Propel Pressure (Kg/cm ²)	85.00
Cylinder Diameter (cm ²)	(F) 21.50 (B) 11.50
Unit Power (H.P.)	1.00
Transmission Belt	5M - 615
Net Weight (Kg)	38.00
Spindle Bearing	6004ZZ x 4
Pulley Bearing	6203ZZ x 3
Front Cover Seal	DKB 50 x 62 x 10
Piston O'Ring	AS-53 x 3 UHS53
Front Cover O'Ring	AG-58 x 2 AP-50 x 2 AG-68 x 1
Back Cover Seal	TC35 x 45 x 8
Back Cover O'Ring	AG-58 x 2 CPU-35 x 45 x 6

**** All dimensions are given in millimeters.



D51N



Characteristics & Dimensions

D51N

MODEL

ST1-65

Tapping Capacity (S45C)	M12
Maximum Stroke	65.00
Thread Guide Pitch	0.40 ~ 2.00
Unit Power (H.P.)	1.00
Net Weight (Kg)	42.00
Spindle Bearing	6004ZZ x 3
Pulley Bearing	6006ZZ x 3
Spindle Seal	TC-25 x 42 x 8 TC50 x 62 x 10

**** All dimensions are given in millimeters.



EXT SERIES

HIGH SPEED GEAR INDEXING TABLE

EXT-420N

CNC High Speed Gear Indexing Table



The characteristics of this type of indexing tables are basically the same as those of the hydraulically coupled indexing tables (*HTC Series*), only the high-speed movements and their exacting are carried out by a **Servo Motor**.



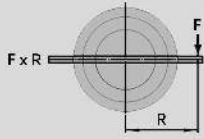
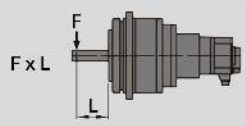


Characteristics & Dimensions

Model	EXT-420N
Table Diameter Fixed Side	Ø250
Drawn Center	Ø80
Indexing precision (Accumulative)(arc-sec)	4"
Repeatability (arc-sec)	1±"
Indexing Positions (Standard)	2 / 3 / 4 / 6 / 8 / 12 / 24
Indexing Positions (Special)	5 / 9 / 10 / 20
Turning Direction	CW & CCW
Installation	Horizontal or Vertical
Drawn Deviation From Center	0.020
Deviation From Top Cover	0.010
Superior Cover Flatness	0.015
Gripping System (Hydraulic)(Kg/cm ²)	35.000
Gripping Torque (Kg)	3,300.000

*** All dimensions are given in millimeters.

Characteristics & Dimensions

Model	EXT-420N
Servo Motor (Optional)	HC-SFS202
Rotating Maximum Speed Table (r.p.m.)	33.30
Motor	2,000.00
Step Ratio	1/60
Instant Permissible Inertia GD^2 (Kg-m ²)	110.00
Rotating Torque (Kg-m)	44.00
Cutting Permissible Torque (Kg-m)	
	500.00
	
	300.00
	Vertically
	350.00
	Horizontally
	200.00
Net Weight (kg)	214.00

*** All dimensions are given in millimeters.

EXT-560N

CNC High Speed Gear Indexing Table



The characteristics of this type of indexing tables are basically the same as those of the hydraulically coupled indexing tables (*HTC Series*), only the high-speed movements and their exacting are carried out by a **Servo Motor**.



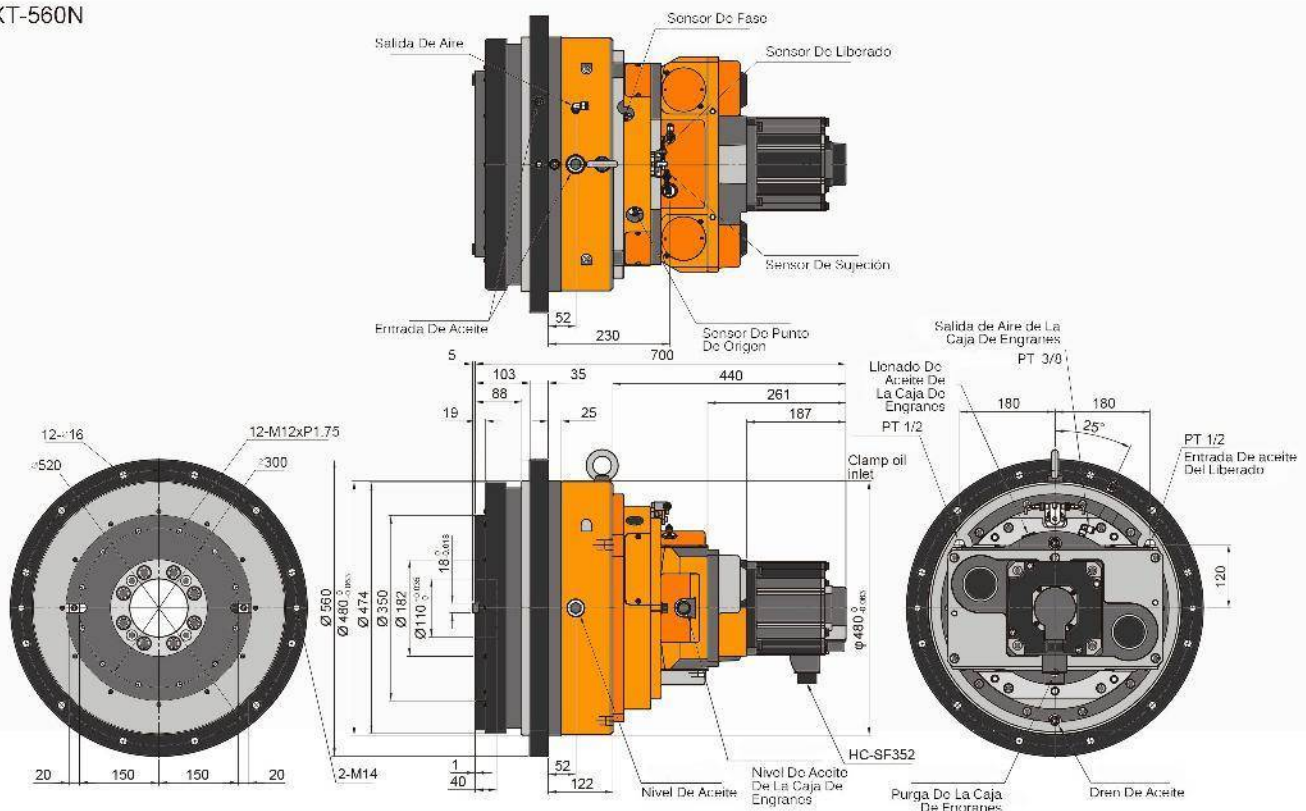


Characteristics & Dimensions

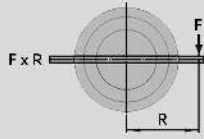
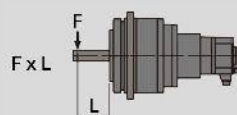
Model	EXT-560N
Table Diameter Fixed Side	Ø350
Drawn Center	Ø10
Indexing precision (Accumulative)(arc-sec)	4"
Repeatability (arc-sec)	1±"
Indexing Positions (Standard)	2 / 3 / 4 / 6 / 8 / 12 / 24
Indexing Positions (Special)	5 / 9 / 10 / 20
Turning Direction	CW & CCW
Installation	Horizontal Y Vertical
Drawn Deviation From Center	0.020
Deviation From Top Cover	0.010
Superior Cover Flatness	0.015
Gripping System (Hydraulic)(Kg/cm ²)	35.000
Gripping Torque (Kg)	7,580.000

*** All dimensions are given in millimeters.

EXT-560N



Characteristics & Dimensions

Model		EXT-560N
Servo Motor (Optional)		HC-SFS352
Rotating Maximum Speed (r.p.m.)	Table	22.20
	Motor	2,000.00
Step Ratio		1/90
Instant Permissible Inertia GD^2 (Kg-m ²)		380.00
Rotating Torque (Kg-m)		150.00
Cutting Permissible Torque (Kg-m)		1,800.00
		800.00
	Vertically	700.00
Horizontally		400.00
Net Weight (kg)		374.00

*** All dimensions are given in millimeters.

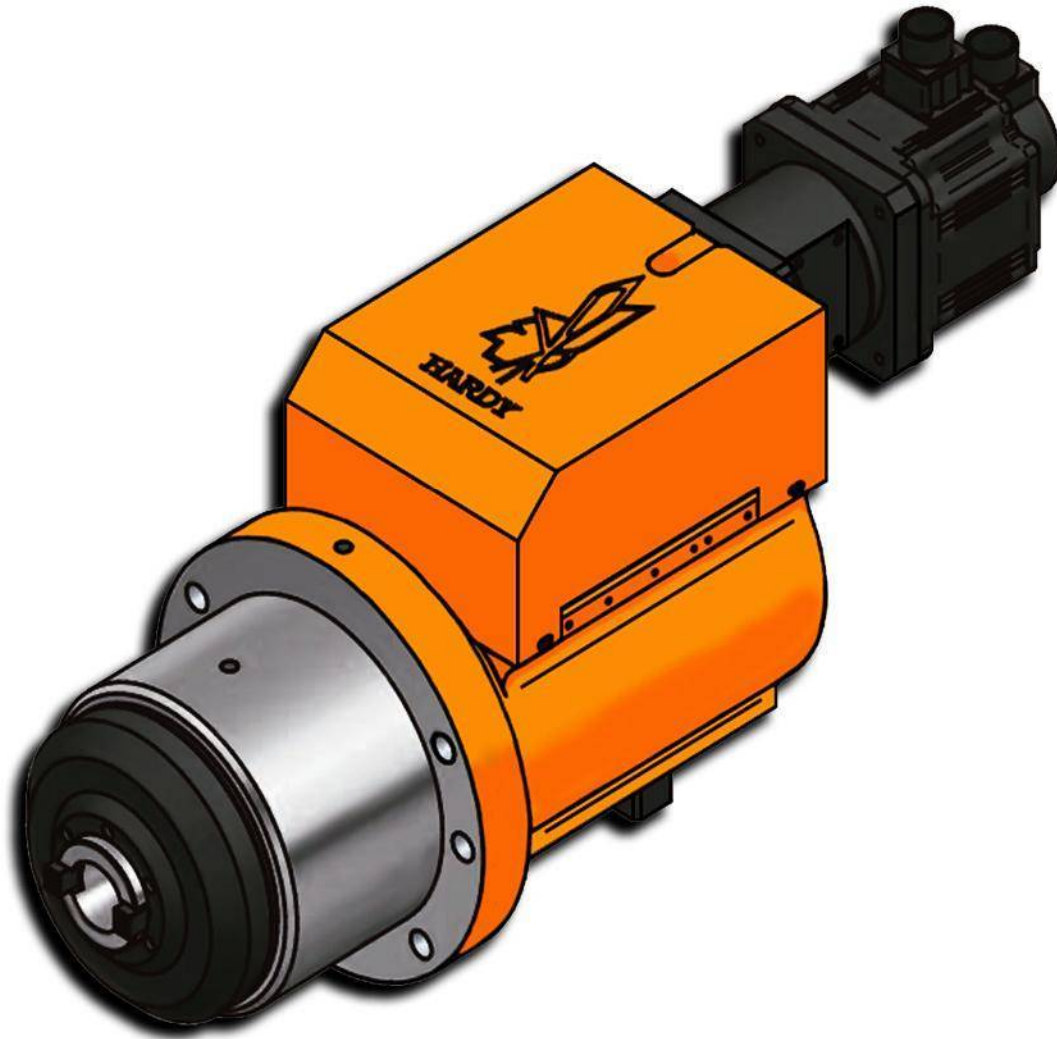


FMD SERIES

DRILLING/TAPPING
SERVO COMPACT
SPINDLES FLANGE TYPE

FMD155-NT40

Drilling/Tapping
Servo Compact Spindle
Head Flange Type



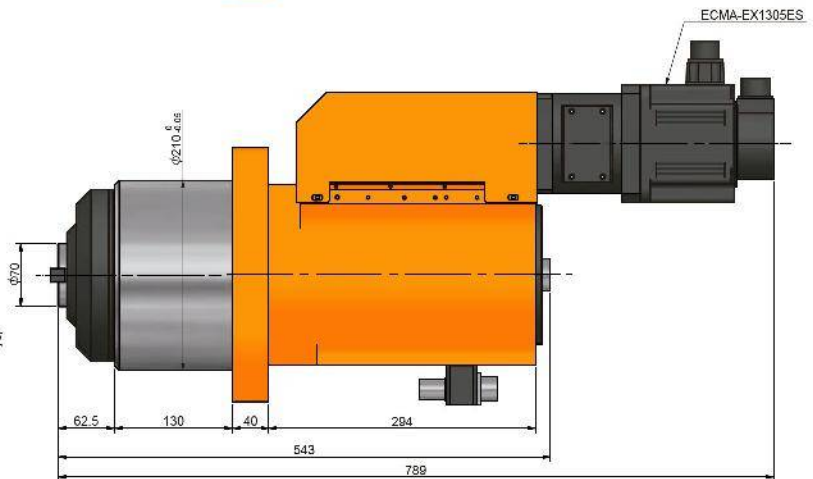


Characteristics & Dimensions

Model	FMD155-NT40			
Drilling/Tapping Capacity (S45C)	Ø30 / M24			
Maximum Stroke	120.00			
Maximum Speed (r.p.m.)	2500.00			
Maximum Power (Kw)	3.70			
Spindle Bearings	6213 / 32213 6008 / 32008			
Ball Screw Block Bearings	7205 x 2			
Ball Screw Block Seals	TC32 x 48 x 8			
Front Cover Seal	LBH155			
Front Cover O-Ring	G155			
Piston O-Ring	P155 x 2			
Ball Screw	Ø32 x 5 x C5			
Device Voltage	220V (2,000 r.p.m.)	380V (2,000 r.p.m.)	220V (2,500 r.p.m.)	380V (2,500 r.p.m.)
Device Current (Amp)	15.00	8.70	15.20	8.80
Frequency (Hz)	67.00	67.00	83.00	83.00
Cooling System	Oil Cooling			

* All dimensions are given in millimeters.

** Oil Cooling System is not included with this device.



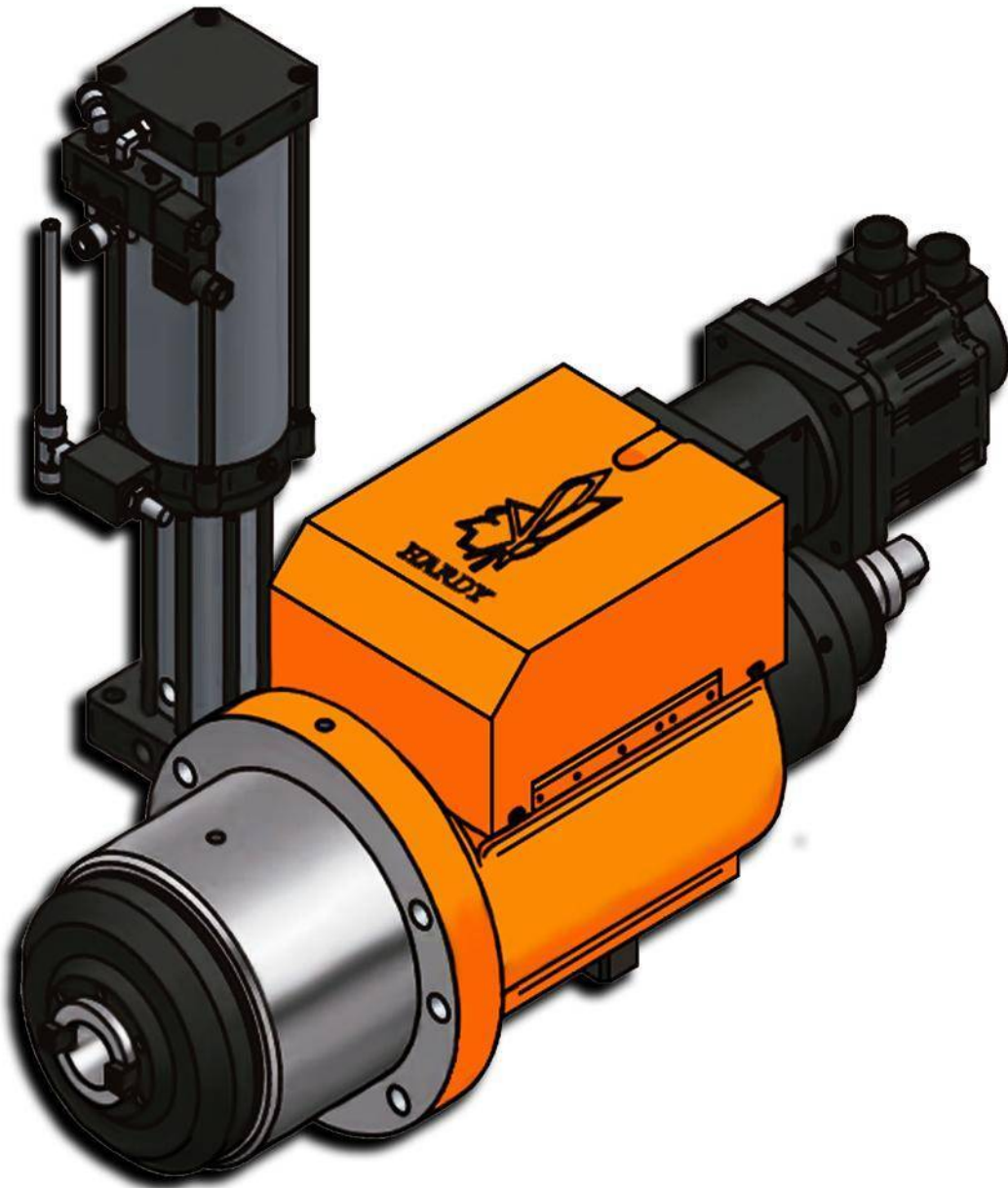


FMDC SERIES

DRILLING/TAPPING COMPACT
SERVO SPINDLES FLANGE
TYPE WITH AUTOMATIC
TOOL CHANGER

FMDC155W-NT40

Drilling/Tapping
Servo Compact Spindle
Head Flange Type With
Auto Tool Changing System





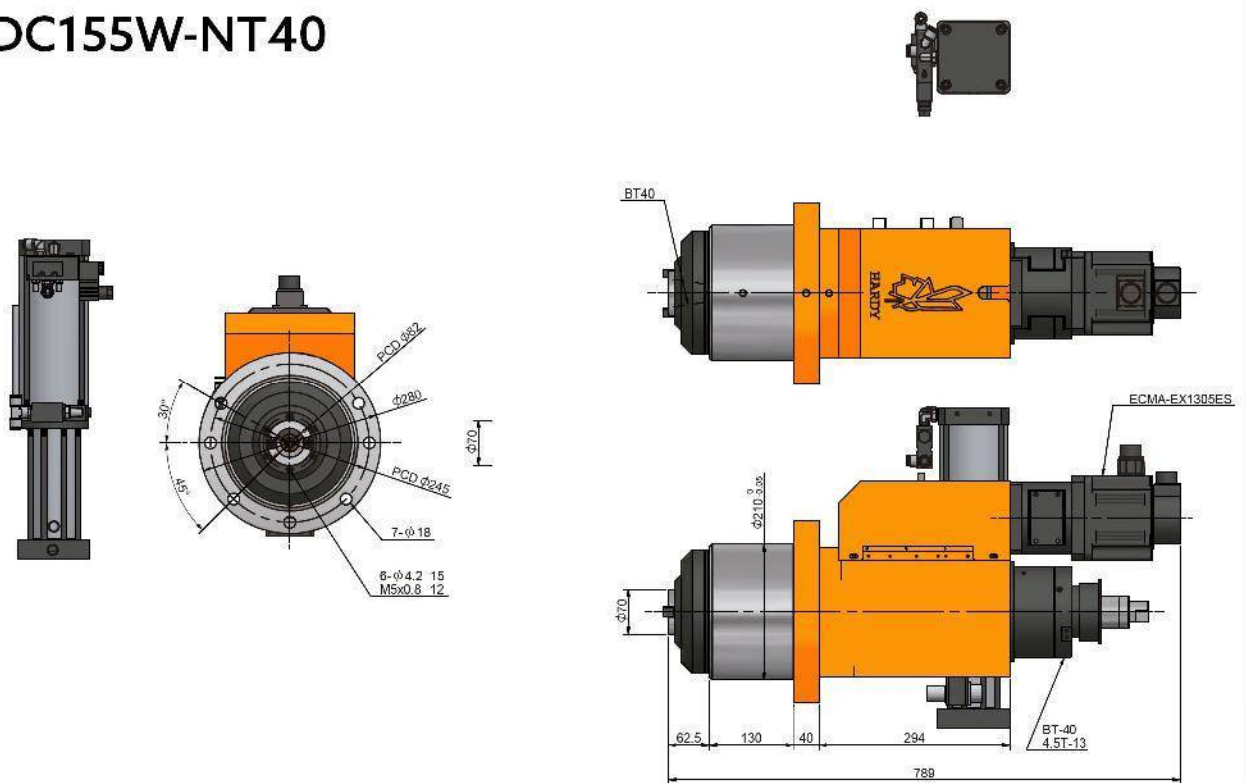
Characteristics & Dimensions

Model	FMDC155W-NT40			
Drilling/Tapping Capacity (S45C)	Ø30 / M24			
Maximum Stroke	120.00			
Maximum Speed (r.p.m.)	2500.00			
Maximum Power (Kw)	3.70			
Spindle Bearings	6213 / 32213 6008 / 32008			
Ball Screw Block Bearings	7205 x 2			
Ball Screw Block Seals	TC32 x 48 x 8			
Front Cover Seal	LBH155			
Front Cover O-Ring	G155			
Piston O-Ring	P155 x 2			
Ball Screw	Ø32 x 5 x C5			
Device Voltage	220V (2,000 r.p.m.)	380V (2,000 r.p.m.)	220V (2,500 r.p.m.)	380V (2,500 r.p.m.)
Device Current (Amp)	15.00	8.70	15.20	8.80
Frequency (Hz)	67.00	67.00	83.00	83.00
Cooling System	Oil Cooling			

* All dimensions are given in millimeters.

** Oil Cooling System is not included with this device.

FMDC155W-NT40



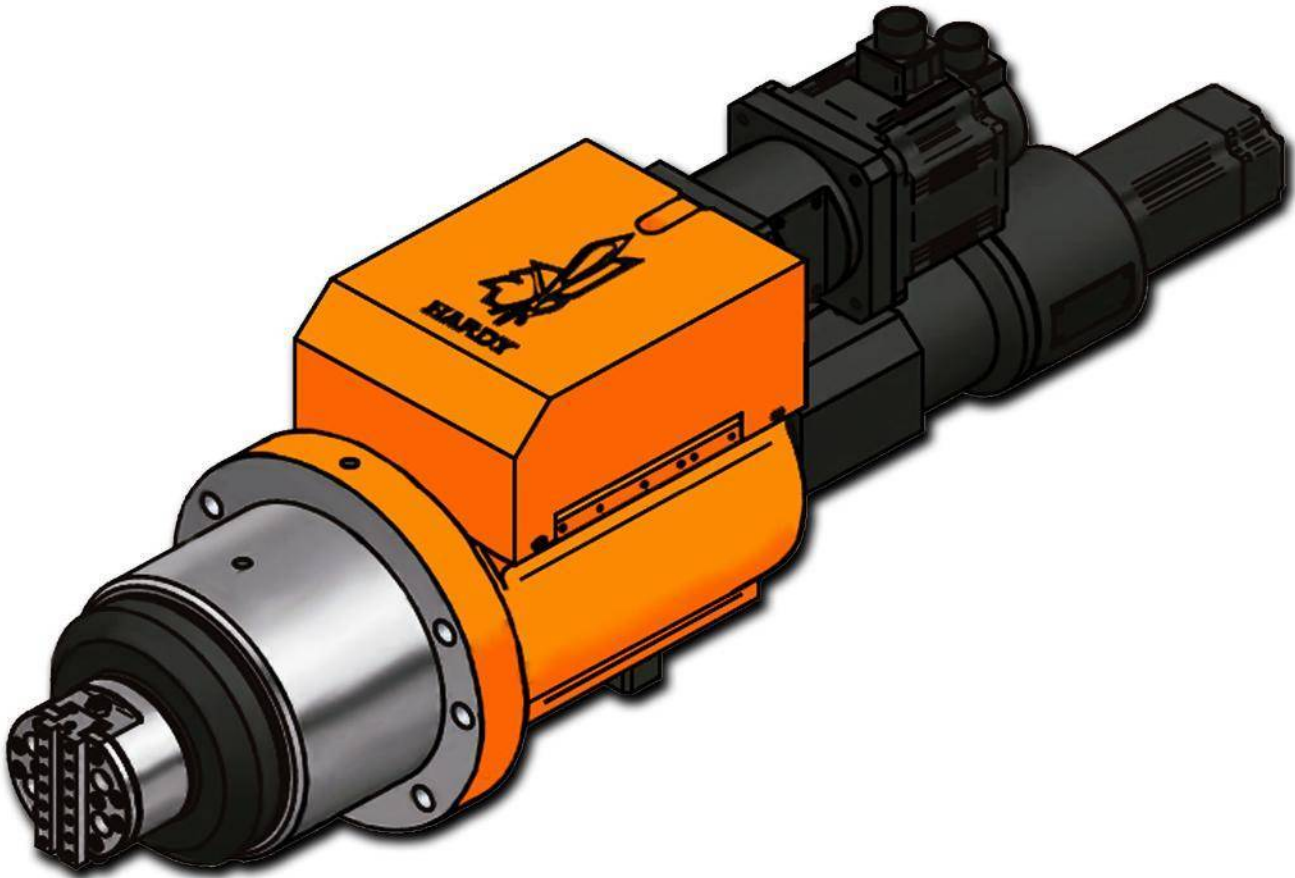


FMDM SERIES

FACING SERVO
COMPACT SPINDLES
FLANGE TYPE

FMDM155-FA-408SZ

Servo Compact Facing
Spindle Head Flage Type





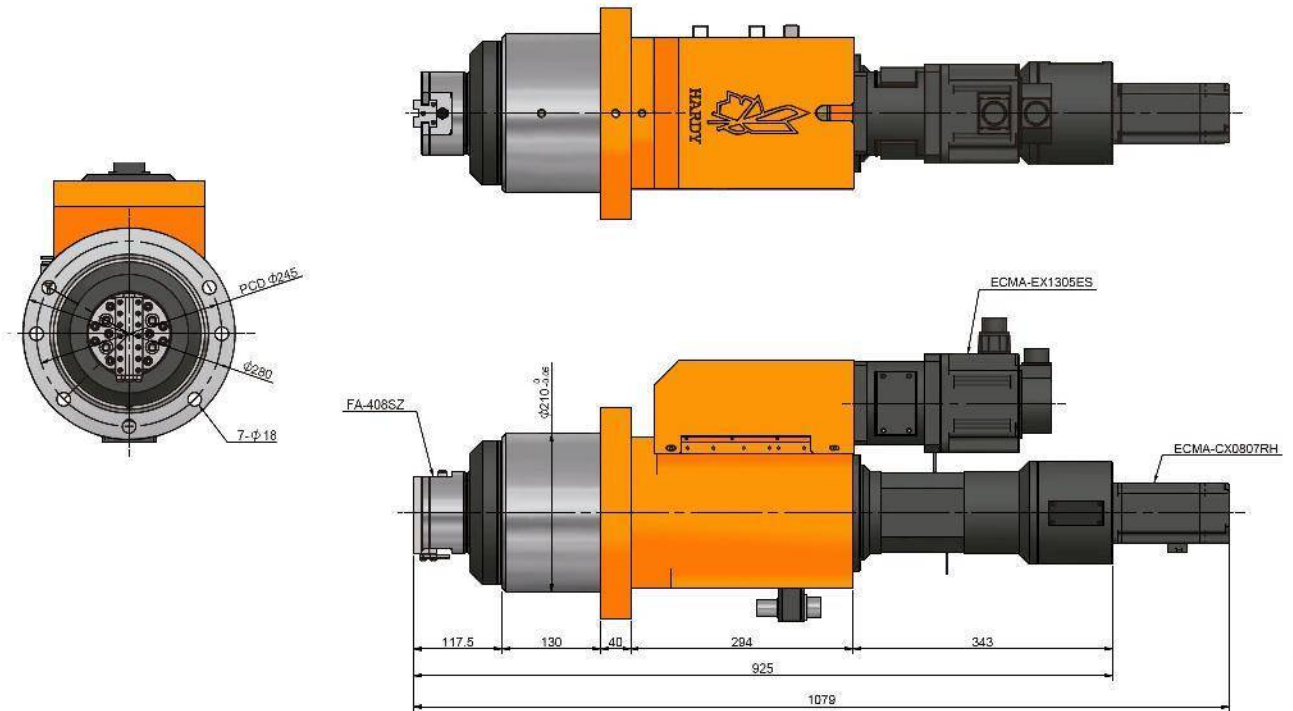
Characteristics & Dimensions

Model	FMDM155-FA-408			
Maximum Stroke	120.00			
Maximum Speed (r.p.m.)	1600.00			
Maximum Power (Kw)	3.70			
Spindle Bearings	6213 32213 6008 32008			
Front Cover Seals	LBH155			
Piston O-Ring	P155 x 2			
Feeding Spindle Ball Screw	Ø32 x 5 x C5			
Ball Screw Block Bearings	Ø20 x 5 x C5			
Ball Screw Block Seals	7205 x 2			
Facing Head Bearings	TC32 x 48 x 8			
One Slide Facing Head	FA-408			
Slide Stroke	8.00			
Voltage	220V (2,000 r.p.m.)	380V (2,000 r.p.m.)	220V (2,500 r.p.m.)	380V (2,500 r.p.m.)
Device Current (Amp)	15.00	8.70	15.20	8.80
Frequency (Hz)	67.00	67.00	83.00	83.00
Cooling System	Oil Cooling			

* All dimensions are given in millimeters.

** Oil Cooling System is not included with this device.

FMDM155-FA-408SZ





H-CNC SERIES

CNC
SPINDLES

HB150-BT40

Belt Driven Spindle



Characteristics & Dimensions

MODEL	HB150
Specification	BT40 - Ø150
Maximum Spindle Speed <i>(r.p.m.)</i>	8,000 R.P.M.
Bearings Specification	7014 x 2 7014 x 2
Bearings Type	Large Steel Balls
Lubrication Type	Grease
Bearing Temperature Rise	+ 18.00° C
Position	By Notch
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight <i>(Kg)</i>	55.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HBC150-BT40

Belt Driven Spindle

*(With Central Tool
Cooling Capacity)*





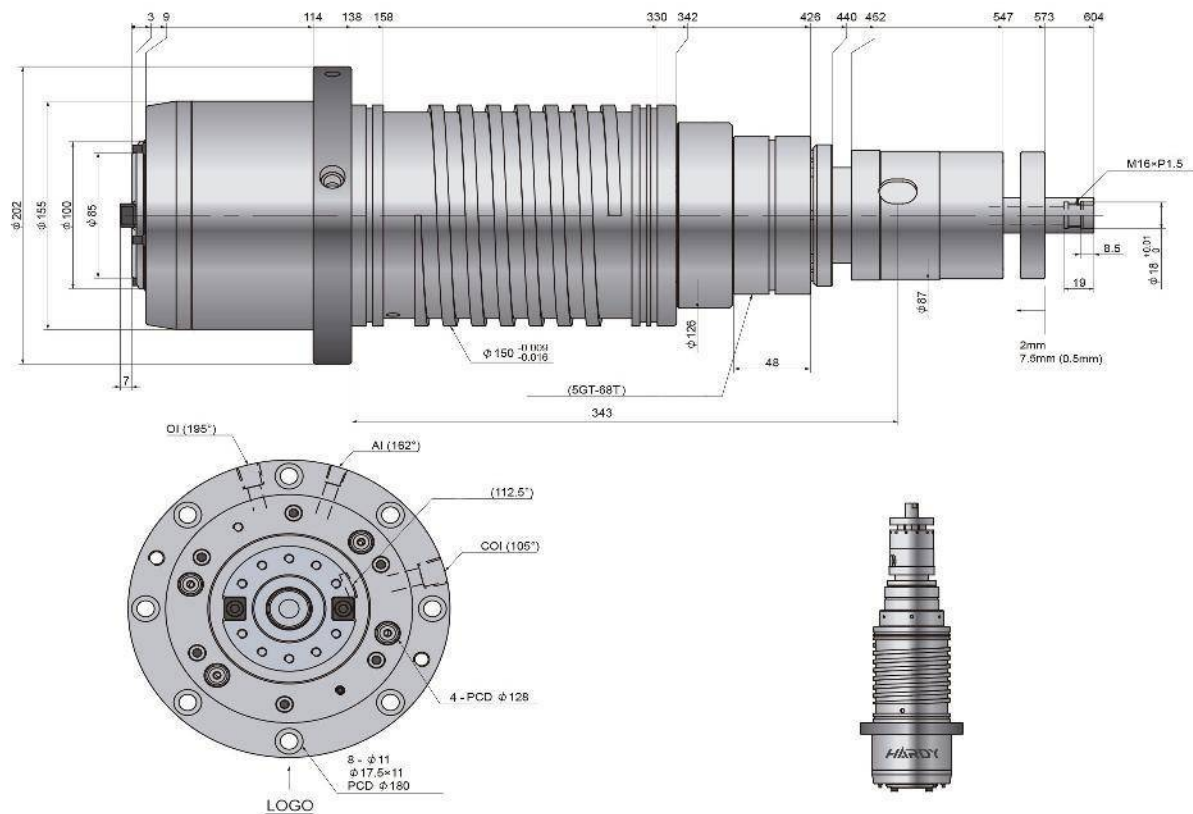
Characteristics & Dimensions

MODEL	HBC150
Specification	BT40 - Ø150
Maximum Spindle Speed (r.p.m.)	8,000 R.P.M.
Bearings Specification	7014 x 2 7014 x 2
Bearings Type	Large Steel Balls
Lubrication Type	Grease
Bearing Temperature Rise	+ 18.00° C
Position	By Notch
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	53.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HBC150-BT40



HD140-BT40

Direct Motor Drive Spindle



Characteristics & Dimensions

MODEL	HD140
Specification	BT40 - Ø140
Maximum Spindle Speed (r.p.m.)	12,000 R.P.M.
Bearings Specification	7014 x 2 7014 x 2
Bearings Type	Large Steel Balls
Lubrication Type	Grease
Bearing Temperature Rise	+ 20.00° C
Position	Motor Built-In
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	52.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HD150-BBT40

Self Driven Spindle





Characteristics & Dimensions

MODEL	HD150
Specification	BBT40 - Ø150
Maximum Spindle Speed (r.p.m.)	12,000 R.P.M.
Bearings Specification	N1014 ~ 7014 x 3 N1012
Bearings Type	-
Lubrication Type	Grease
Bearing Temperature Rise	+ 20.00° C
Position	By Notch
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	115.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HD190-BT50

Self Driven Spindle





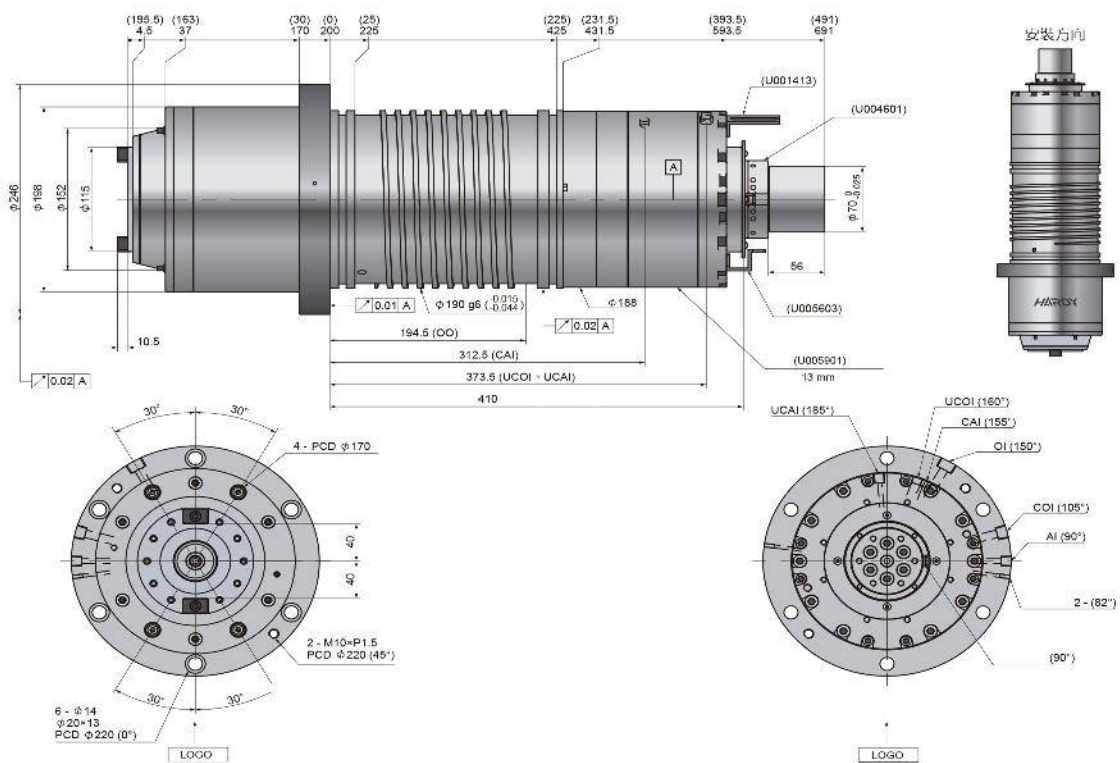
Characteristics & Dimensions

MODEL	HD190
Specification	BT50 - Ø190
Maximum Spindle Speed (r.p.m.)	6,000 R.P.M.
Bearings Specification	7020 x 2 7020 x 2
Bearings Type	Large Steel Balls
Lubrication Type	Grease
Bearing Temperature Rise	+ 20.00° C
Position	By Notch
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	115.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HD190-BT50



HDC120-BBT40

Direct Drive Motor Spindle

*(With Central Tool
Cooling Capacity)*





Characteristics & Dimensions

MODEL	HDC120
Specification	BBT40 - Ø120
Maximum Spindle Speed (r.p.m.)	12,000 R.P.M.
Bearings Specification	7012 x 2 7012 x 2
Bearings Type	Large Ceramic Balls
Lubrication Type	By Grease
Bearing Temperature Rise	+ 20.00° C
Position	Motor Built-In
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	40.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HDT150-A₂-4

Belt Driven CNC Lathe Spindle



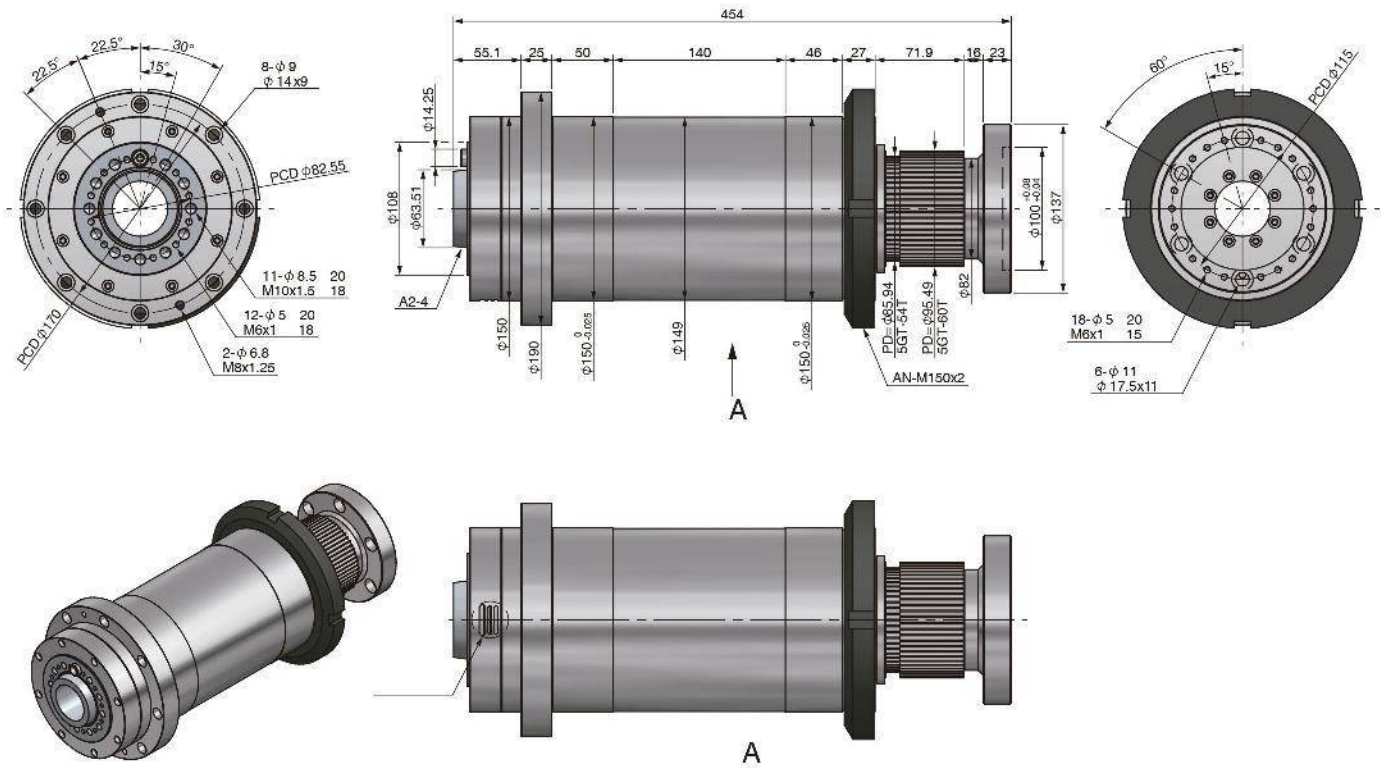
Characteristics & Dimensions

MODEL	HDT-150
Spindle Nose	A ₂ -4
Housin Outside Diameter (OD)	150.00
Maximum Spindle Speed (r.p.m.)	6000.00
Through Hole	Ø45
Fron Bearing	7014 x 2 Ø70
Rear Bearing	7014 x 2 Ø70
Lubrication	Grasa
Spindle Pulley	5GT-60T
Encoder Pulley	5GT-54T
Rising Temperature	≤ 20.00° C
Balancing	ISO 1940 G1
Device Accuracy	2.000 µm
Total Device Weight (Kg)	46.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HDT150-A₂-4



HDT170-A₂-5

Belt Driven Spindle





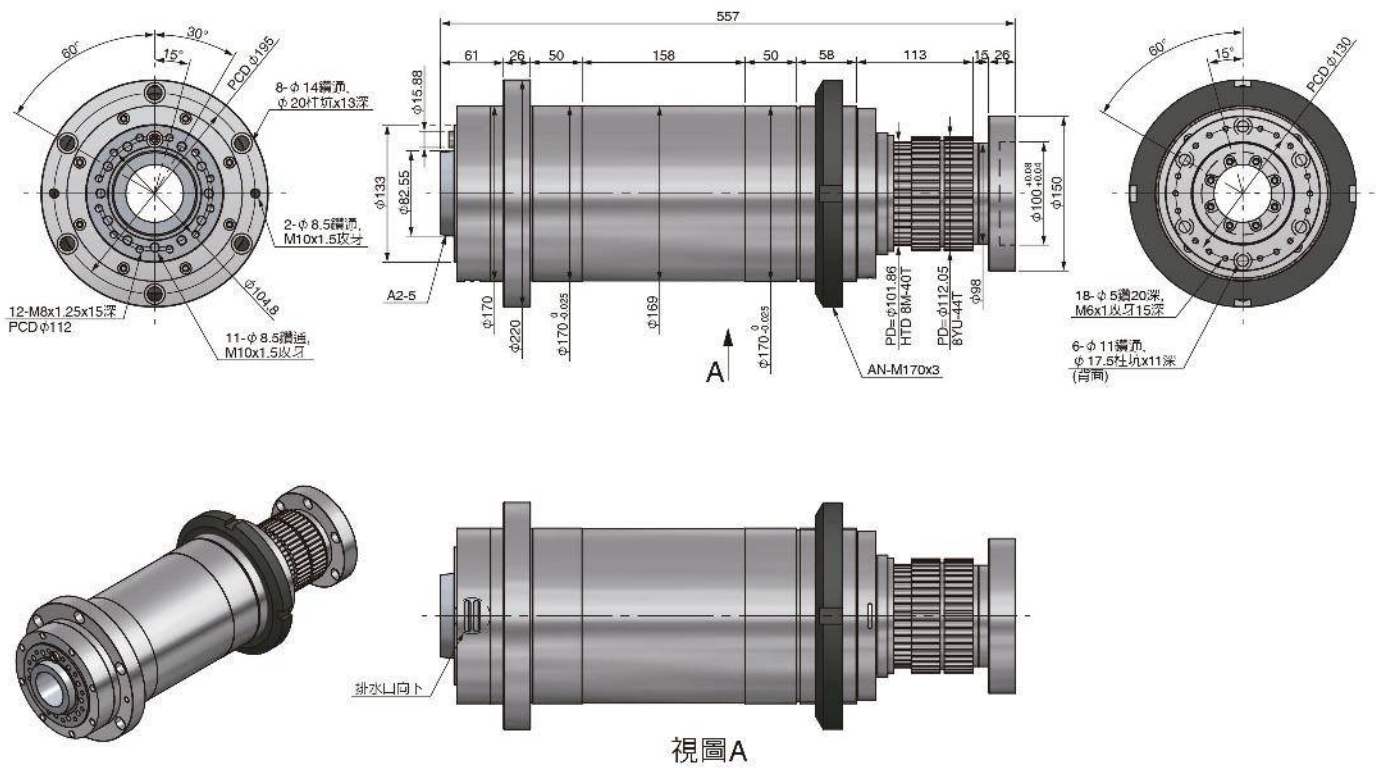
Characteristics & Dimensions

MODEL	HDT-170
Spindle Nose	A2-5
Housin Outside Diameter (OD)	170.00
Maximum Spindle Speed (r.p.m.)	5,000.00
Through Hole	Ø56
Fron Bearing	7018 x 3 Ø90
Rear Bearing	7016 x 2 80
Lubrication	Grasa
Spindle Pulley	8YU-44T
Encoder Pulley	HDT 8M-40T
Rising Temperature	≤ 20.00° C
Balancing	ISO 1940 G1
Device Accuracy	2.000 µm
Total Device Weight (Kg)	61.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HDT170-A₂-5



HDT200-A₂-60

Bel Driven
Spindle





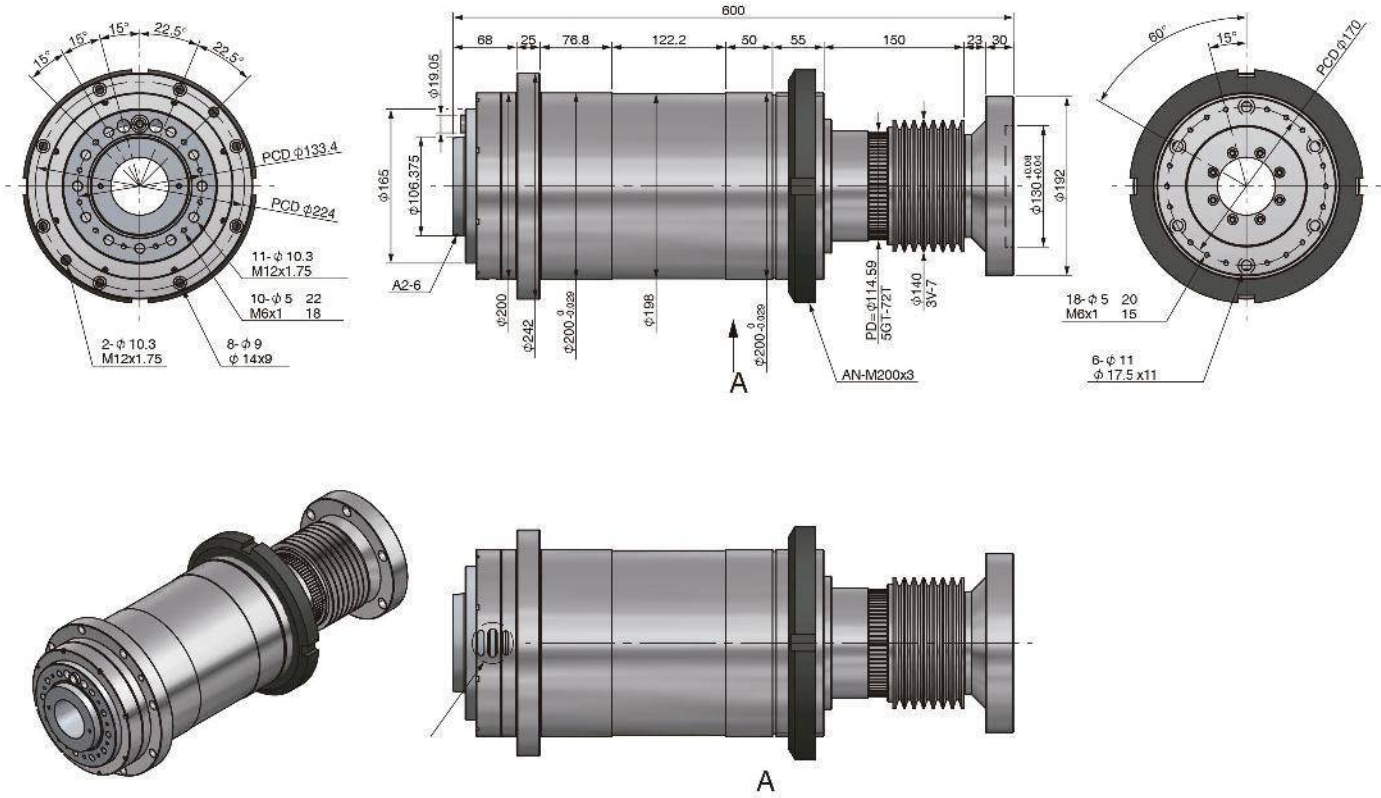
Characteristics & Dimensions

MODEL	HDT-200
Spindle Nose	A ₂ -6
Housin Outside Diameter (OD)	200.00
Maximum Spindle Speed (r.p.m.)	4,000.00
Through Hole	Ø62
Fron Bearing	NN3020 + BTM100
Rear Bearing	NN3018
Lubrication	Grasa
Spindle Pulley	3V-7
Encoder Pulley	5GT-72T
Rising Temperature	≤ 20.00° C
Balancing	ISO 1940 G1
Device Accuracy	2.000 µm
Total Device Weight (Kg)	95.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HDT200-A₂-6



HE170-BBT40

Self Driven Spindle





Characteristics & Dimensions

MODEL	HE170
Specification	BBT40 - Ø170
Maximum Spindle Speed (r.p.m.)	18,000 R.P.M.
Bearings Specification	7914 x 3 7912 x 2
Bearings Type	Small Ceramic Balls
Lubrication Type	Grease
Bearing Temperature Rise	+ 20.00° C
Position	(By Encoder)(FANUC A860-2150-V001)
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	85.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HE170-HSKE50

Self Driven
Spindle





Characteristics & Dimensions

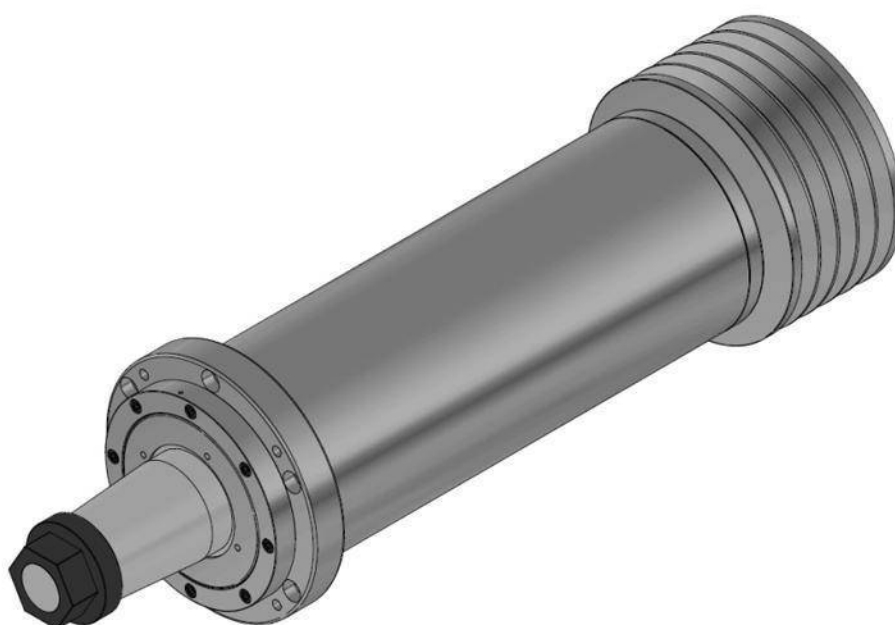
MODEL	HE-170
Specification	HSKE50 - Ø170
Maximum Spindle Speed (r.p.m.)	30,000 R.P.M.
Bearings Specification	7011 x 2 7008 x 2
Bearings Type	Small Ceramic Balls
Lubrication Type	Oil Air Mist System
Bearing Temperature Rise	+ 20.00° C
Position	(By Encoder)(FANUC A860-2155-T311)
Device Coolong Media	By Oil
Taper Runout	0.002 mm
Balance Grade	G1
Total Device Weight (Kg)	80.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.

HG-170

Husillo Impulsado
Por Banda
Para Fresado/Esmerilado



Characteristics & Dimensions

MODELO	HG-170
Specification	Ø170
Maximum Spindle Speed (r.p.m.)	1450.00
Bearings Specification	7018 x 4 NN3018K x 1
Bearings Type	Large Steel Balls Roller
Lubrication Type	Grease
Bearing Temperature Rise	+ 15.00° C
Taper Runout	0.002
Balance Grade	G1
AI (Air Flow Connection)	PT 1/8" - 02166
Air Pressure Working Range (Kg/cm ²)	1.00 ~ 1.50
Total Device Weight (Kg)	106.00

*** Taper Runout Precision ≤ 0.003 mm.

*** All dimensions are given in millimeters.



HCT SERIES

HYDRAULIC INDEXING
TABLES WITH HYDRAULIC
GEAR COUPLING

HCT-200

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.





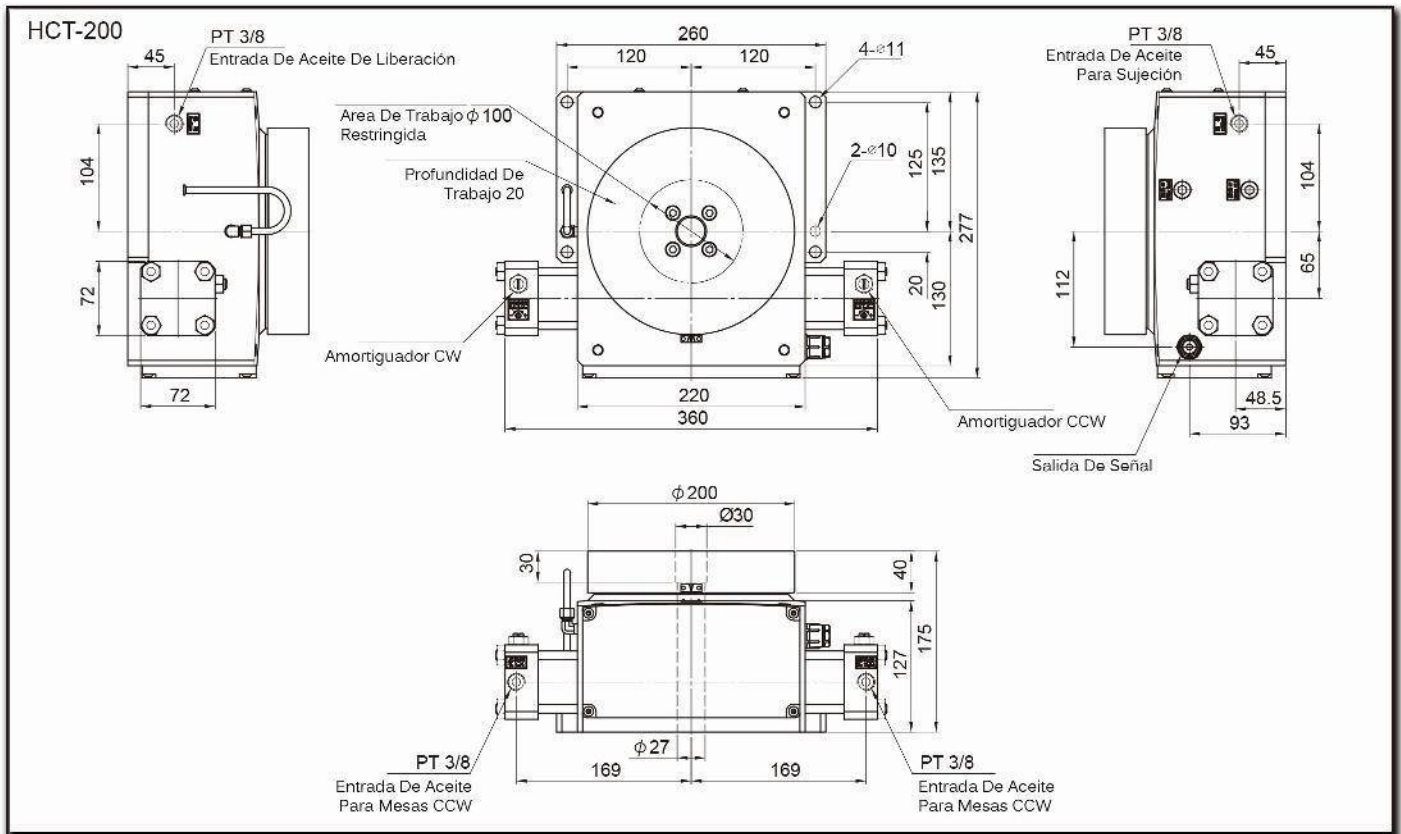
Characteristics & Dimensions

MODEL	HCT-200
Table Dimensions	Ø 200.00
Cylinder Center	Ø 36.00 H6
Cylinder Center Depth	30.00
Center Hole Diameter (Through Device)	Ø 27.00
Total Height	175.00
Hydraulic Pressure (Kg/cm ²)	30.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	2.00 Seconds

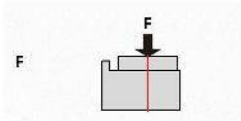
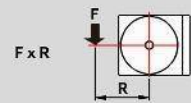
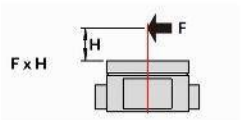
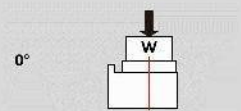
** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....



Characteristics & Dimensions

MODEL	HCT-200
Instant Permissible Inertia GD^2	7.00 Kg/cm ²
Rotating Torque	25.00 Kg-m
Gripping Torque	
	1,260.00 Kg
	12,340.00 N
	
	108.00 Kg-m
	1,060.00 N-m
	
	55.00 Kg-m
	541.00 N-m
Total Load Capacity	
	120.00 Kg.
Device Net Weight	46.00 Kg.

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-340

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.





Characteristics & Dimensions

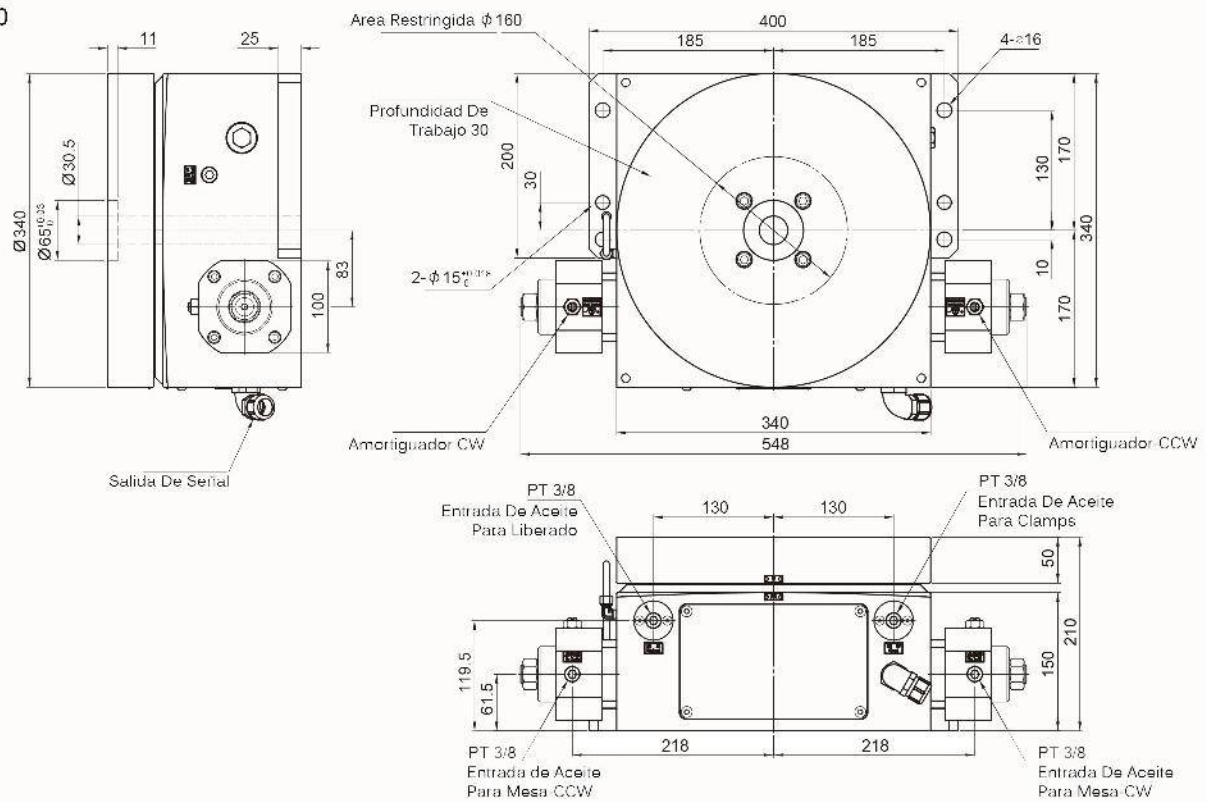
MODEL	HCT-340
Table Dimensions	Ø 340.00
Cylinder Center	Ø 65.00 H6
Cylinder Center Depth	11.00
Center Hole Diameter (Through Device)	Ø 30.50
Total Height	210.00
Hydraulic Pressure (Kg/cm ²)	30.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	2.50 Seconds

** All dimensions are given in millimeters.

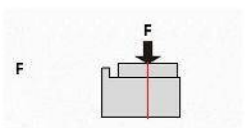
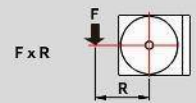
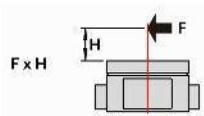
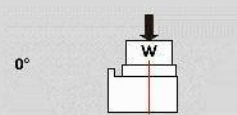
*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-340



Characteristics & Dimensions

MODEL	HCT-340
Instant Permissible Inertia GD^2	85.00 Kg/cm ²
Rotating Torque	57.00 Kg-m
Gripping Torque	 1,560.00 Kg
	15,200.00 N
	 332.00 Kg-m
	3,250.00 N-m
	 145.00 Kg-m
	1,423.00 N-m
Total Load Capacity	 500.00 Kg.
Device Net Weight	120.00 Kg.

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-470

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.



[illegible]



Characteristics & Dimensions

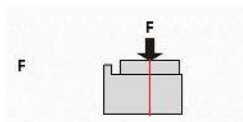
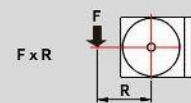
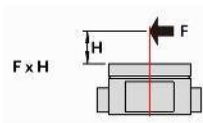
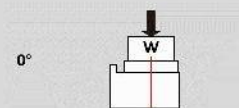
MODEL	HCT-470
Table Dimensions	Ø 470.00
Cylinder Center	Ø 90.00 H6
Cylinder Center Depth	11.00
Center Hole Diameter (Through Device)	Ø 41.00
Total Height	240.00
Hydraulic Pressure (Kg/cm ²)	35.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	3.50 Seconds

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

Characteristics & Dimensions

MODEL	HCT-470
Instant Permissible Inertia GD^2	180.00 Kg/cm ²
Rotating Torque	86.00 Kg-m
Gripping Torque	
	3,970.00 Kg
	38,500.00 N
	
	1,428.00 Kg-m
	13,390.00 N-m
	
	550.00 Kg-m
	5,390.00 N-m
Total Load Capacity	
	700.00 Kg.
Device Net Weight	266.00 Kg.

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-600

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.





Characteristics & Dimensions

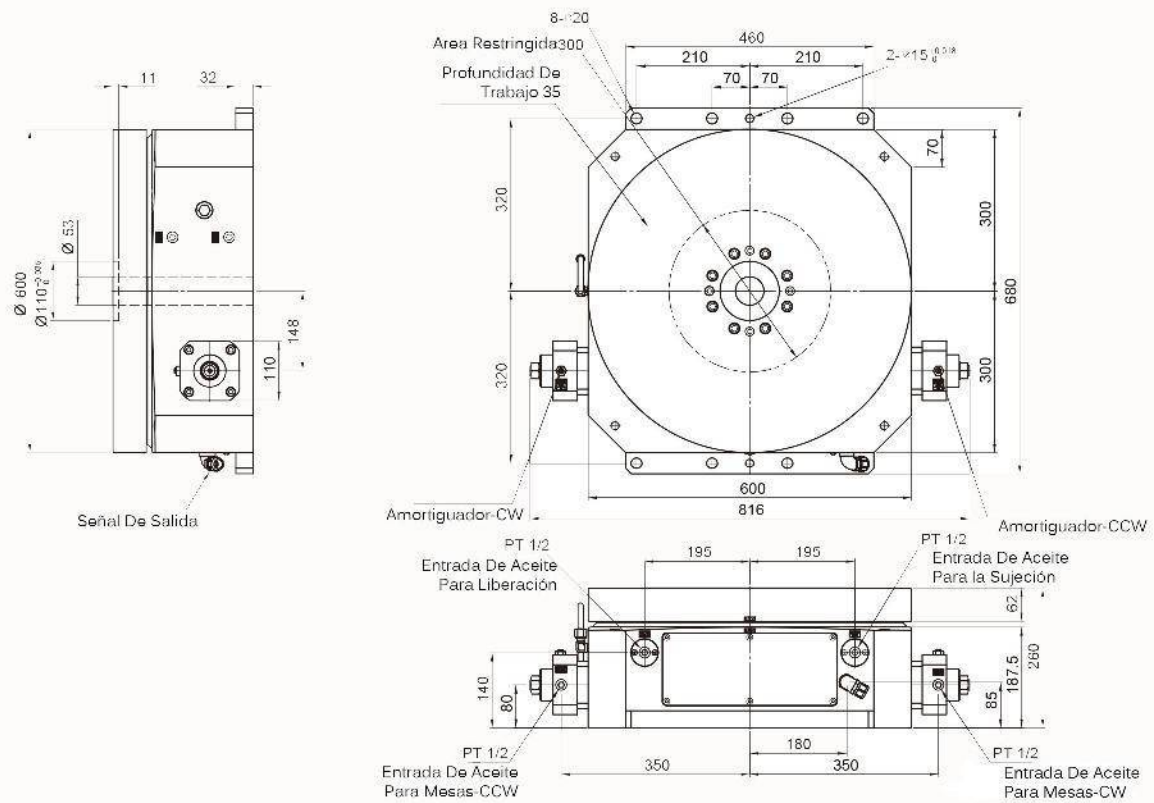
MODEL	HCT-600
Table Dimensions	Ø 600.00
Cylinder Center	Ø 110.00 H6
Cylinder Center Depth	11.00
Center Hole Diameter (Through Device)	Ø 53.00
Total Height	260.00
Hydraulic Pressure (Kg/cm ²)	35.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	6.00 Seconds

** All dimensions are given in millimeters.

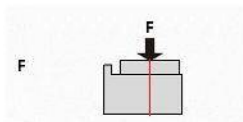
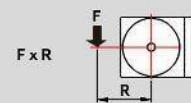
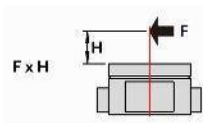
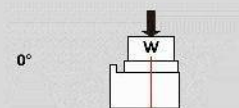
*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-600



Characteristics & Dimensions

MODEL	HCT-600	
Instant Permissible Inertia GD^2	500.00 Kg/cm ²	
Rotating Torque	144.00 Kg-m	
Gripping Torque		6,448.00 Kg
		63,000.00 N
		1,980.00 Kg-m
		19,400.00 N-m
		840.00 Kg-m
		8,232.00 N-m
Total Load Capacity		1,250.00 Kg.
Device Net Weight	446.00 Kg.	

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-800

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.





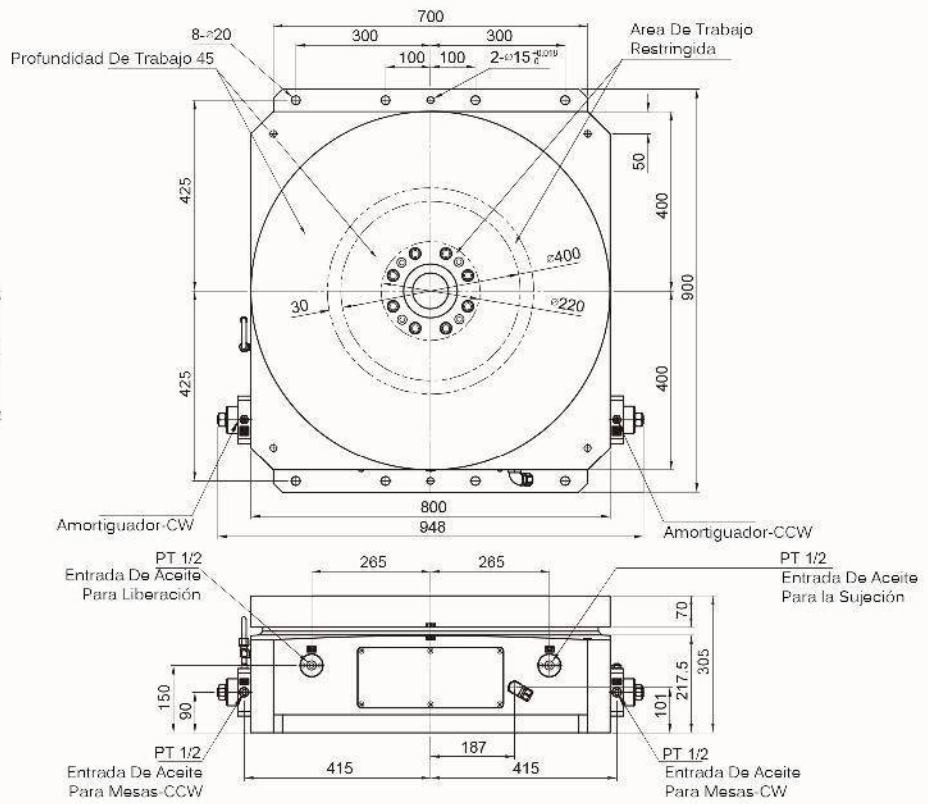
Characteristics & Dimensions

MODEL	HCT-800
Table Dimensions	Ø 800.00
Cylinder Center	Ø 120.00 H6
Cylinder Center Depth	40.00
Center Hole Diameter (Through Device)	Ø 53.00
Total Height	260.00
Hydraulic Pressure (Kg/cm ²)	35.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	6.00 Seconds

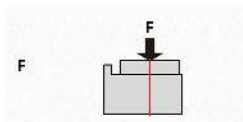
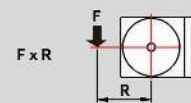
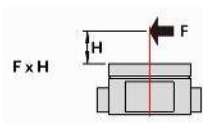
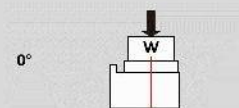
** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....



Characteristics & Dimensions

MODEL	HCT-800	
Instant Permissible Inertia GD^2	1,000.00 Kg/cm ²	
Rotating Torque	280.00 Kg-m	
Gripping Torque		9,600.00 Kg
		94,000.00 N
		4,000.00 Kg-m
		39,200.00 N-m
		1,950.00 Kg-m
		19,110.00 N-m
Total Load Capacity		2,400.00 Kg.
Device Net Weight	816.00 Kg.	

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

HCT-1000

Hydraulic Indexing Tables



Three pieces of Hirth coupling gears are built inside positioning and indexing, there is no floating action during degree indexing.

Wholeclosed structure design has high rigidity and gripping force increase the efficiency greatly during heavy duty cutting.





Characteristics & Dimensions

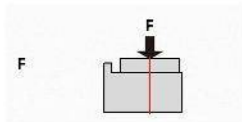
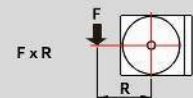
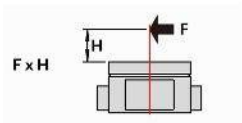
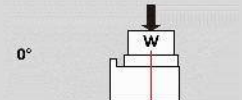
MODEL	HCT-1000
Table Dimensions	Ø1,000.00
Cylinder Center	Ø120.00 H7
Cylinder Center Depth	60.00
Center Hole Diameter (Through Device)	Ø80.00
Total Height	325.00
Hydraulic Pressure (Kg/cm ²)	35.00 Kg/cm ²
Indexing Accuracy (Accumulative) (arc/sec)	4" arc sec
Repeatability (arc/sec)	±1" arc sec
Number Of Indexing Positions (Standard)	4 / 6 / 8 / 12 / 24 (One To Be Selected)
Number Of Indexing Positions (Special)	2 / 3 / 5 / 9... (One To Be Selected Under Special Order)
Table Turning Direction	CW - Clock Wise CCW - Counter Clock Wise
Indexing Time (90° Turn)	10.00 Seconds

** All dimensions are given in millimeters.

*** 90°, 30 Kg/cm², 2 H.P., 30 L/min

**** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....

Characteristics & Dimensions

MODEL		HCT-1000
Instant Permissible Inertia GD ²		1,000.00 Kg/cm ²
Rotating Torque		280 Kg-m
Gripping Torque		9,600.00 Kg
		94,000.00 N
		4,000.00 Kg-m
		39,200.00 N-m
		1,900.00 Kg-m
		19,110.00 N-m
Total Load Capacity		2,400.00 Kg.
Device Net weight		1,500.00 Kg.
** All dimensions are given in millimeters. *** 90°, 30 Kg/cm², 2 H.P., 30 L/min **** Indexing time for a 90° turn (Release, Rotate, Block, Grip), under this parameters 30 Kg/cm², 2 H.P., 30 L/min, etc....		

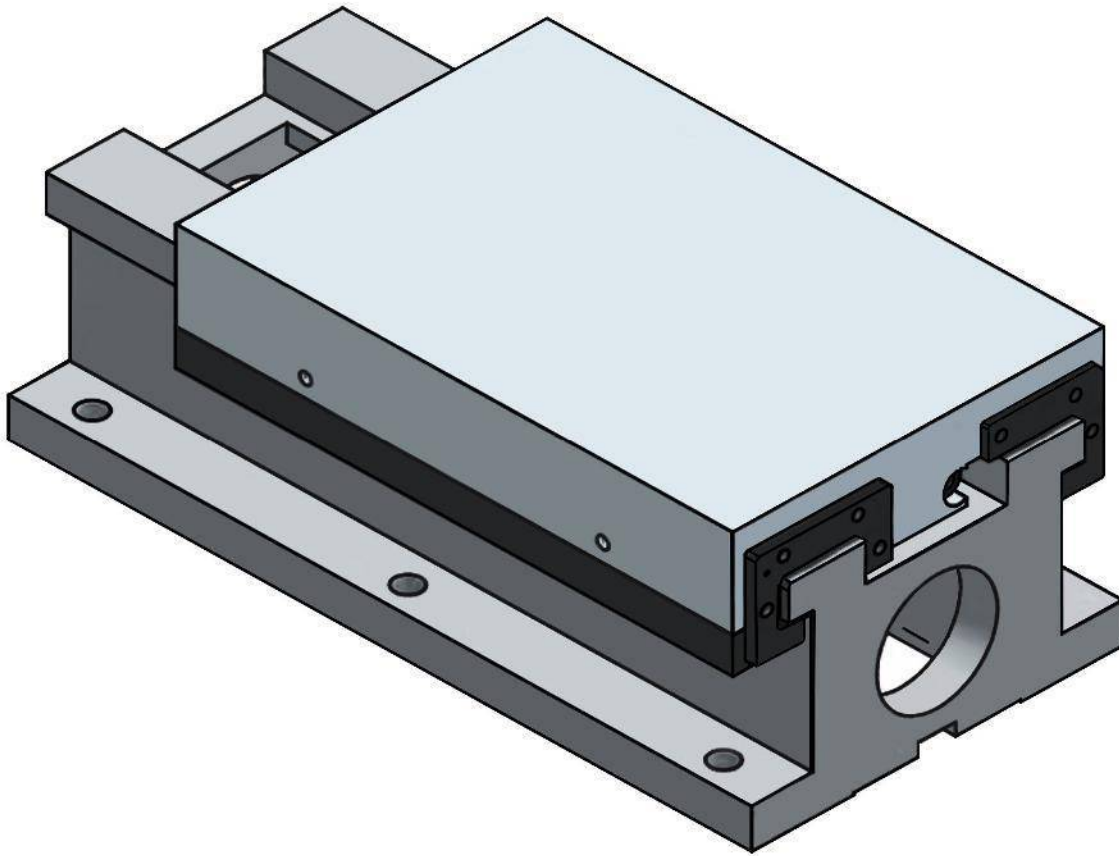


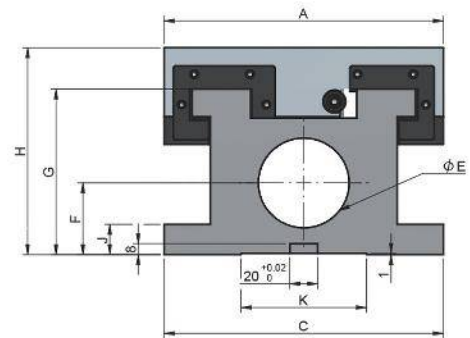
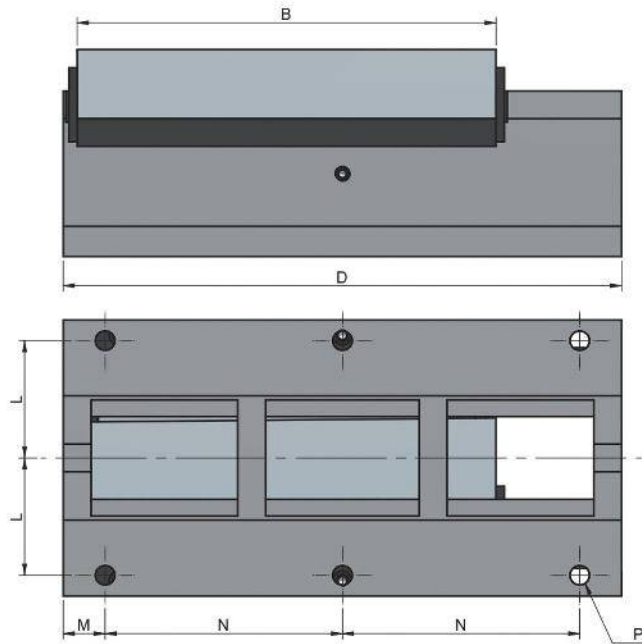
HF SERIES

SQUARE BOX
SLIDE PROFILE

HF-2040

Square Box Slide Profile



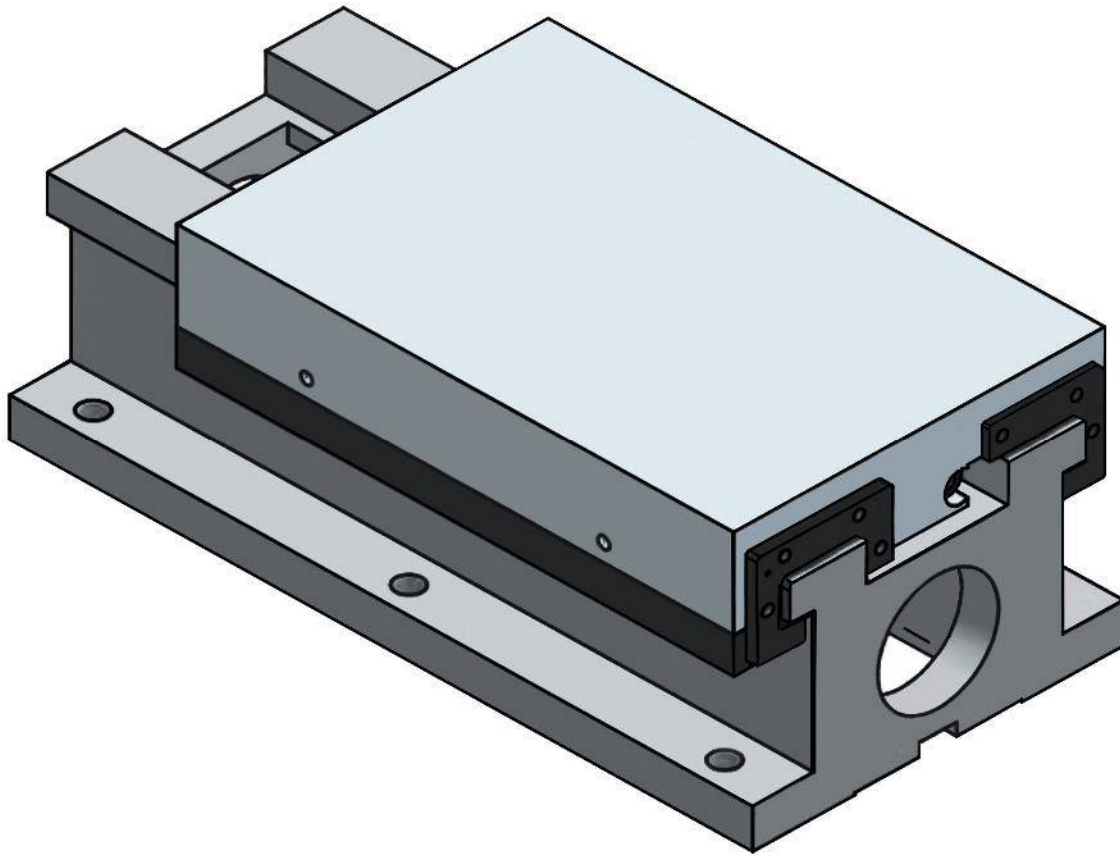


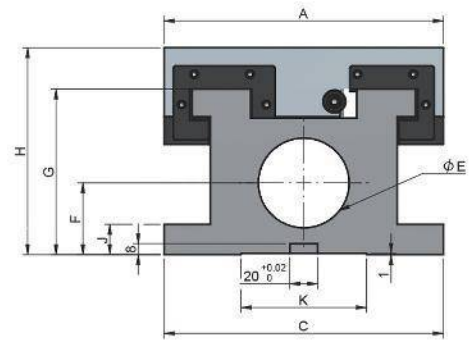
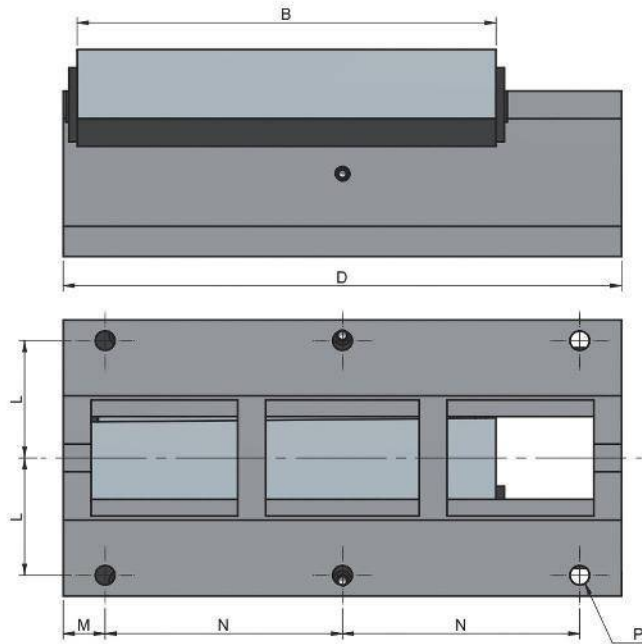
Characteristics & Dimensions

MODEL	HF-2040
A x B	200.00 x 300.00
C x D	200.00 x 400.00
E	65.00
F	52.00
G	120.00
H	150.00
J	22.00
K	90.00
L	85.00
M	30.00
N	170.00
P	6.00 - Ø14
Total Weight (Kg)	45.00
* All dimensions are given in millimeters.	

HF-2060

Square Box Slide Profile





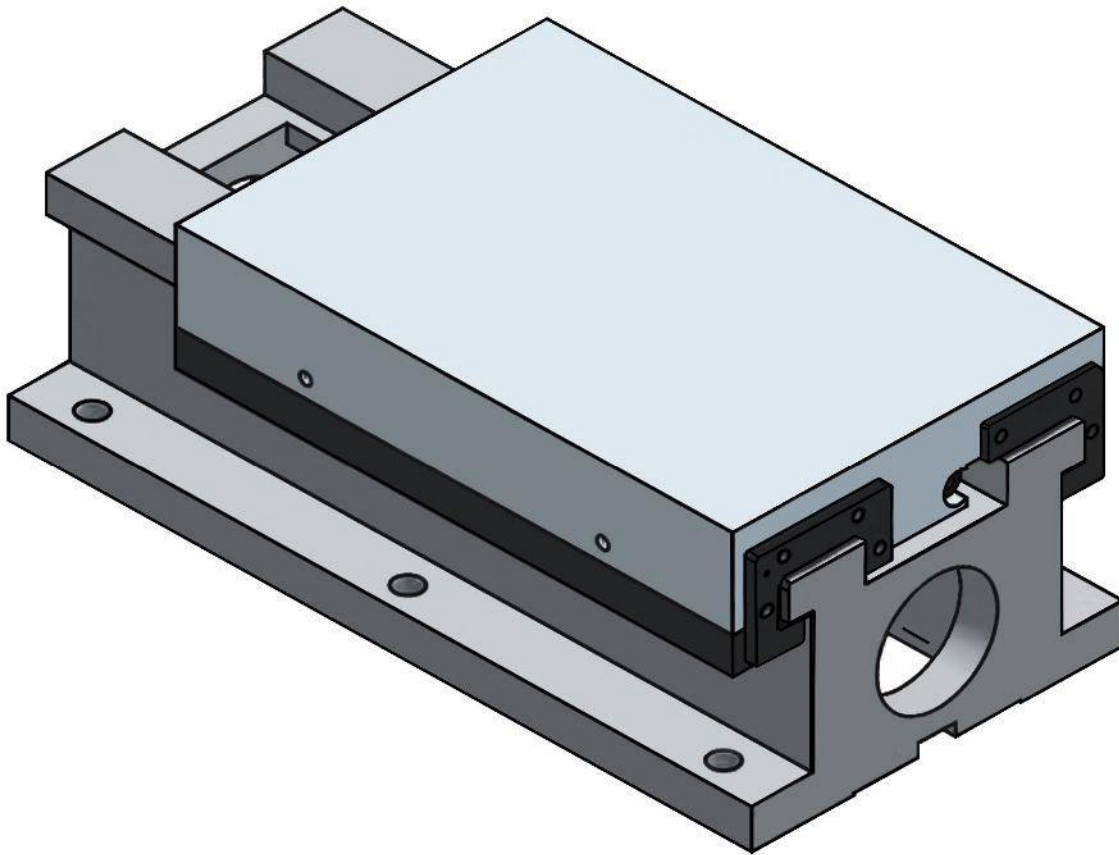
Characteristics & Dimensions

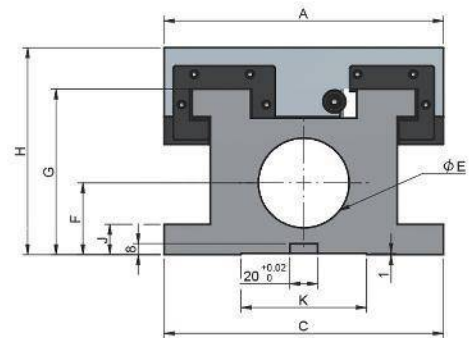
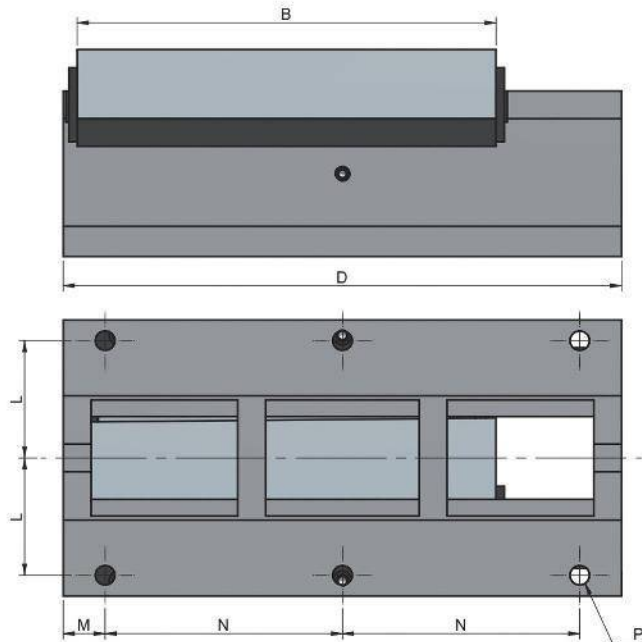
Model	HF-2060
A x B	200.00 x 300.00
C x D	200.00 x 600.00
E	65.00
F	52.00
G	120.00
H	150.00
J	22.00
K	90.00
L	85.00
M	30.00
N	180.00
P	8.00 - Ø14
Total Weight (Kg)	58.00

* All dimensions are given in millimeters.

HF-3050

Square Box Slide Profile





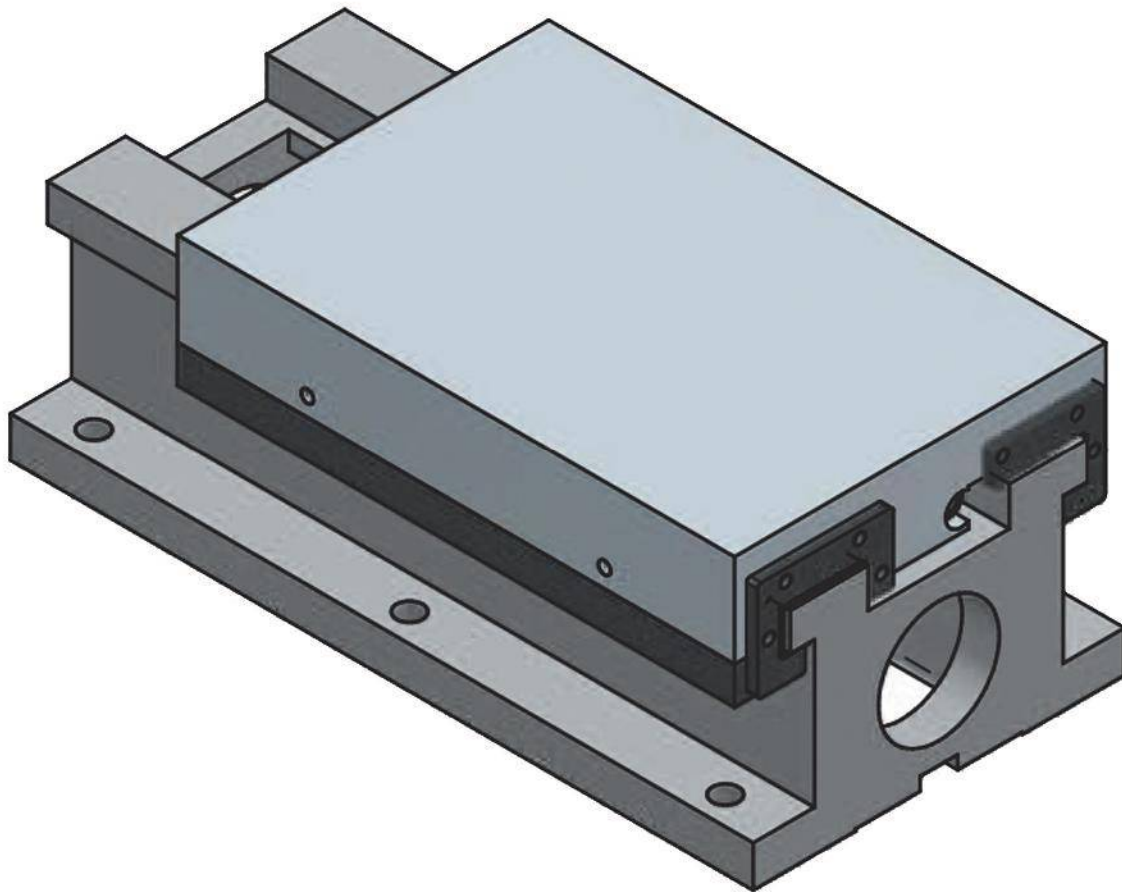
Characteristics & Dimensions

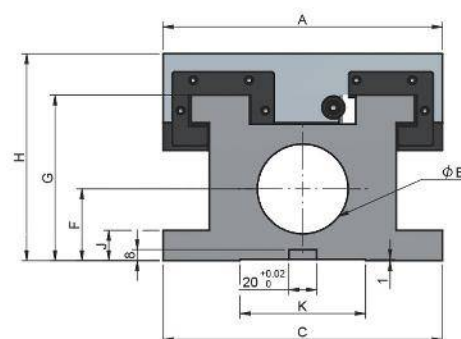
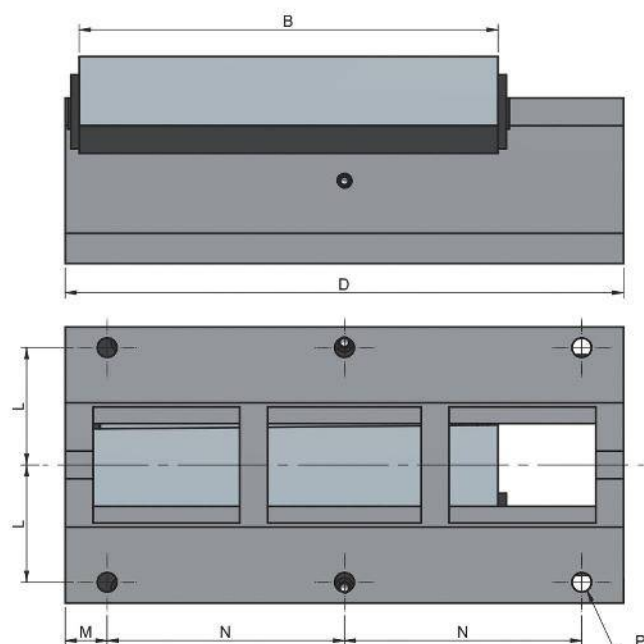
MODEL	HF-3050
A x B	300.00 x 350.00
C x D	300.00 x 500.00
E	75.00
F	63.00
G	145.00
H	180.00
J	27.00
K	175.00
L	125.00
M	30.00
N	220.00
P	6.00 - Ø18
Total Weight (Kg)	92.00

* All dimensions are given in millimeters.

HF-3070

Square Box Slide Profile





Characteristics & Dimensions

MODEL	HF-3070
A x B	300.00 x 350.00
C x D	300.00 x 700.00
E	75.00
F	63.00
G	145.00
H	180.00
J	27.00
K	175.00
L	125.00
M	35.00
N	210.00
P	8.00 - Ø18
Total Weight (Kg)	114.00

* All dimensions are given in millimeters.

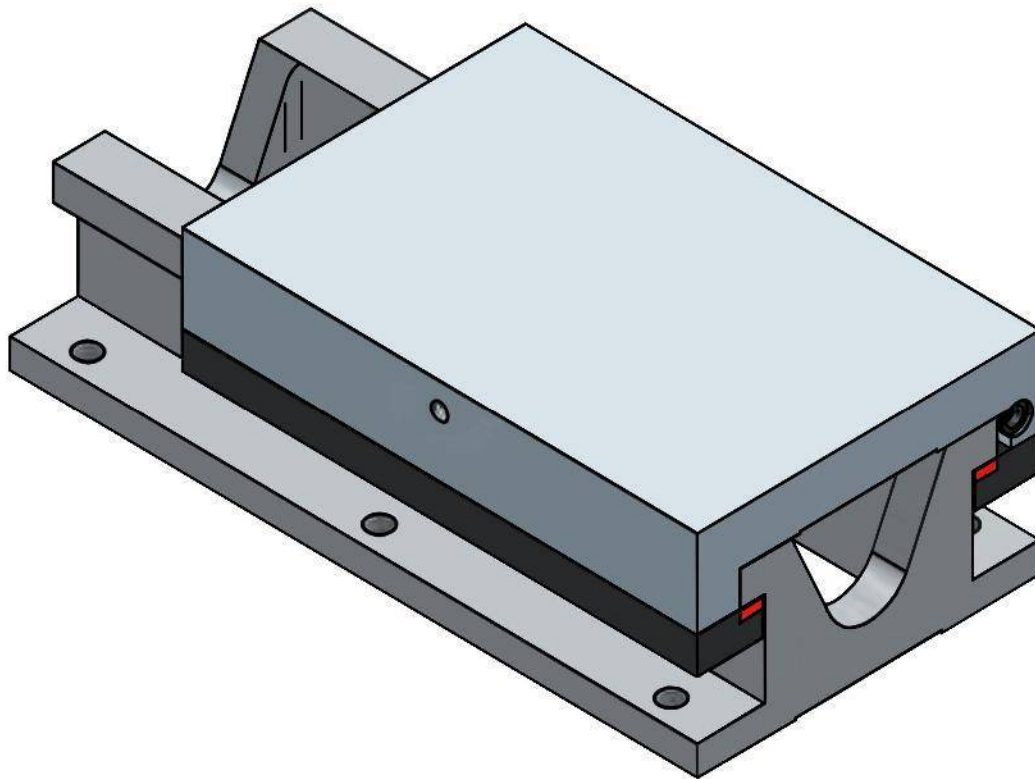


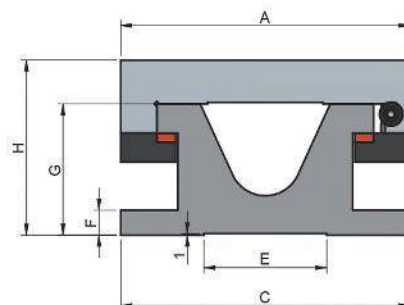
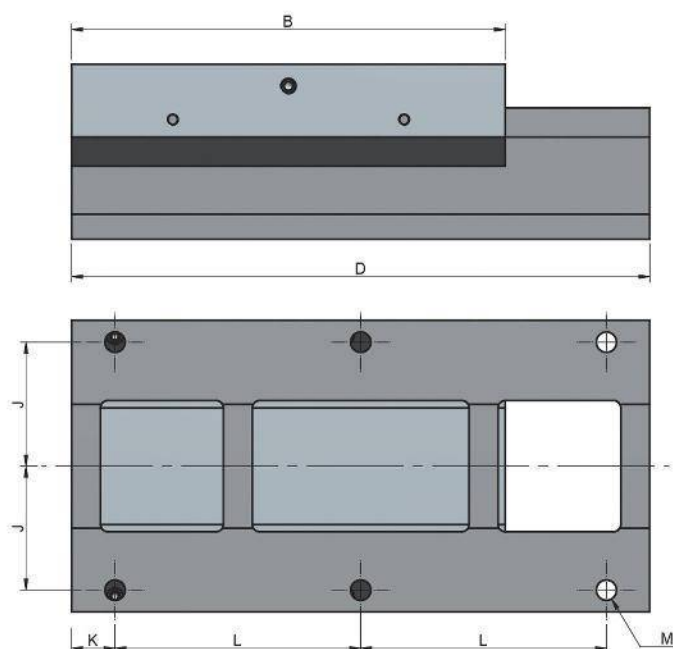
HFV SERIES

DUCK TAIL BOX
SLIDE PROFILE

HFV-1530

Duck Tail Slide Profile





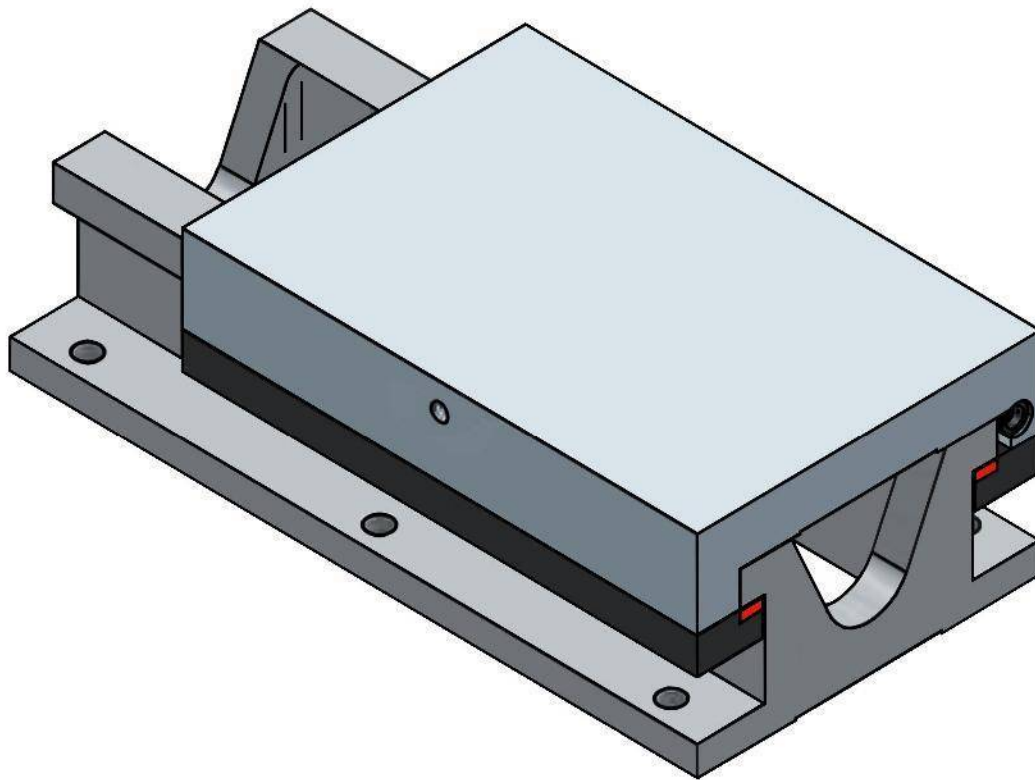
Characteristics & Dimensions

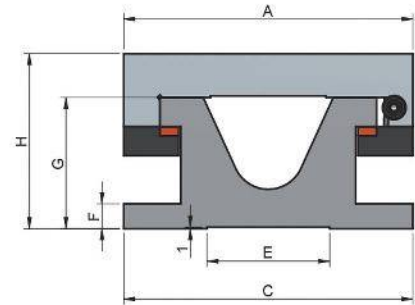
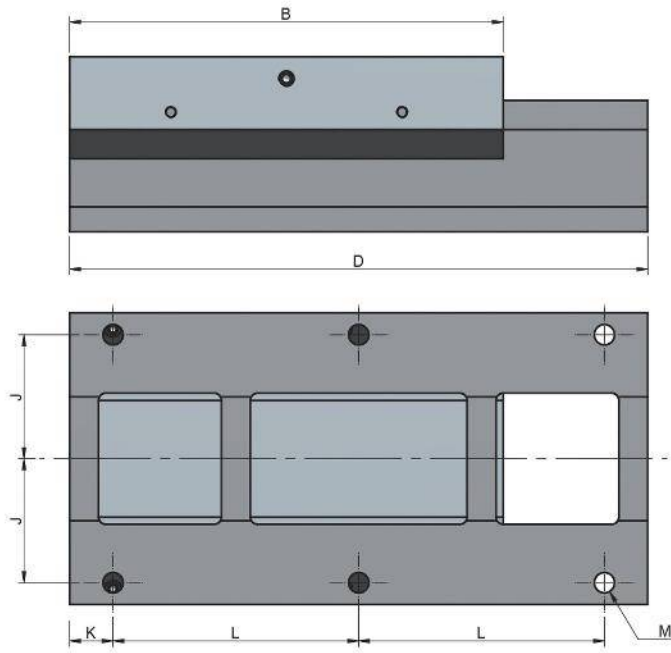
MODEL	HFV-1530
A x B	155.00 x 200.00
C x D	155.00 x 300.00
E	70.00
F	13.00
G	63.00
H	83.00
J	65.50
K	30.00
L	240.00
M	4.00 - Ø12
Total Weight (Kg)	15.00

* All dimensions are given in millimeters.

HFV-2040

Duck Tail Slide Profile





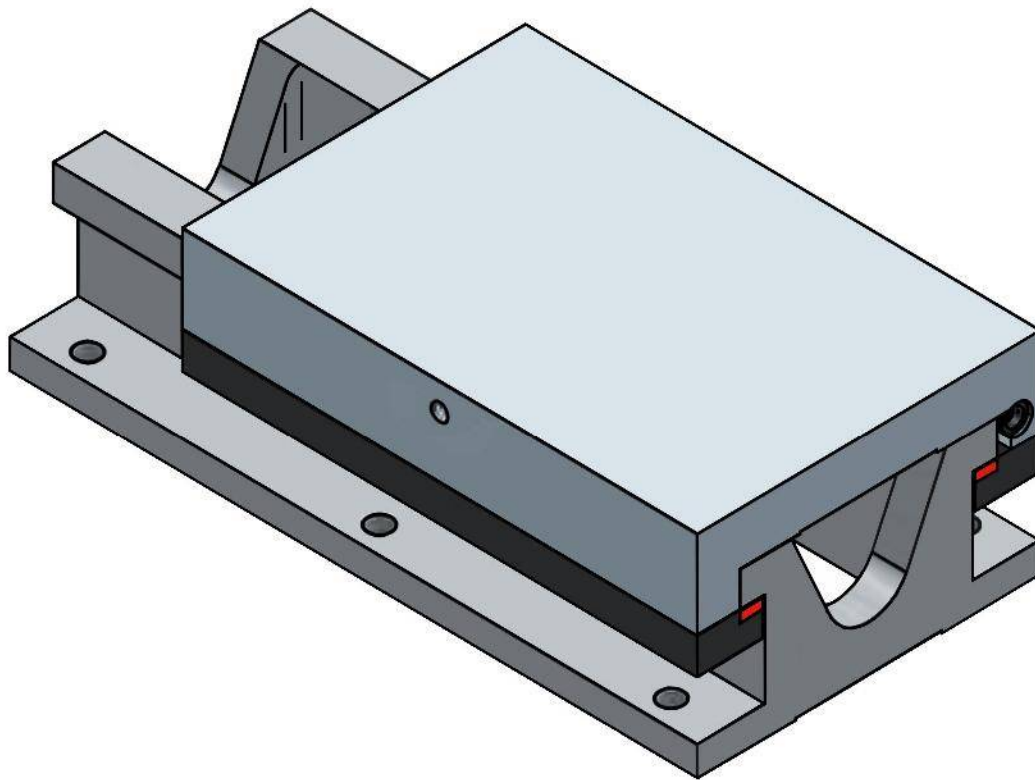
Characteristics & Dimensions

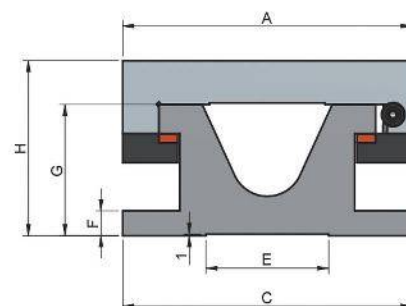
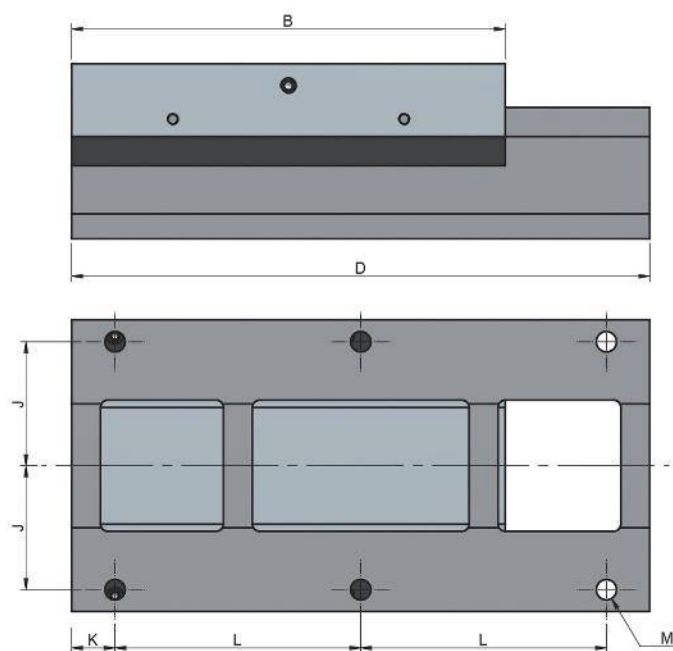
MODEL	HFV-2040
A x B	200.00 x 300.00
C x D	200.00 x 400.00
E	85.00
F	17.00
G	90.00
H	120.00
J	85.00
K	30.00
L	170.00
M	6.00 - Ø14
Total Weight (Kg)	35.00

* All dimensions are given in millimeters.

HFV-2060

Duck Tail Slide Profile





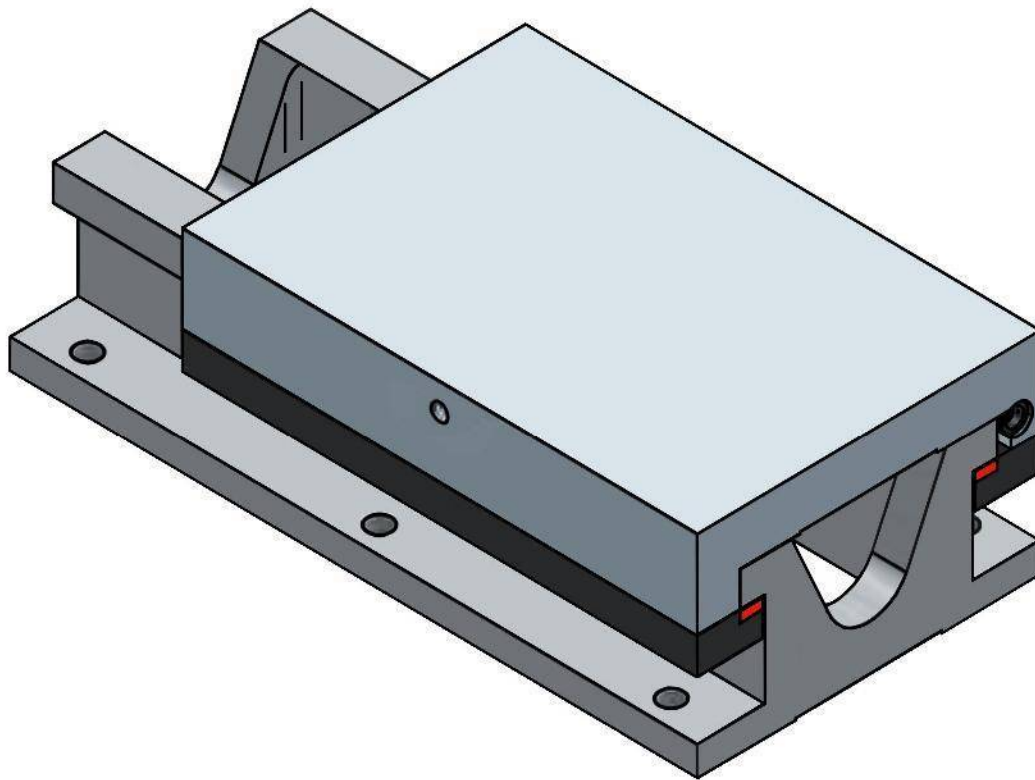
Characteristics & Dimensions

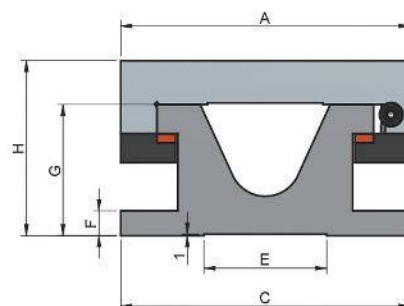
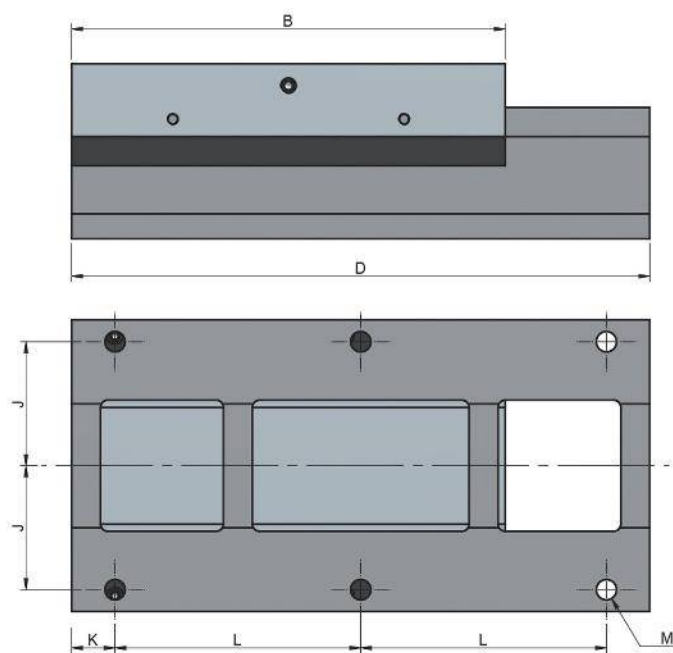
MODEL	HFV-2060
A x B	200.00 x 300.00
C x D	200.00 x 600.00
E	85.00
F	17.00
G	90.00
H	120.00
J	85.00
K	45.00
L	170.00
M	8.00 - Ø14
Total Weight (Kg)	46.00

* All dimensions are given in millimeters.

HFV-2080

Duck Tail Slide Profile





Characteristics & Dimensions

MODEL	HFV-2080
A x B	200.00 x 300.00
C x D	200.00 x 800.00
E	85.00
F	17.00
G	90.00
H	120.00
J	85.00
K	40.00
L	180.00
M	10.00 - Ø14
Total Weight (Kg)	56.00

* All dimensions are given in millimeters.



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