



**FONGEI
INDUSTRY
Co., Ltd.**

**SISTEMAS
TRANSPORTADORES
DE VIRUTAS**



逢吉

SINCE 1975

FONGEX®

chip Conveyor System



FEN

Index

- 1** **Excellent Results Create Dominant Position**
- 3** **Manufacturing and System Planning**
- 5** **Automated** Sophisticated Machining Equipment
- 7** **Efficiency-Enhanced** Consistent Production Process
- 9** **Select A Suitable Conveyor** By Different Chip Types

11~20 Products

Steel Belt Chip Conveyor

- 11** **Standard Model**

Scraper Type Chip Conveyor

- 14** **Standard Model**
Suitable for Dry Chips under **60mm**
- 15** **Precision Model**
Suitable for Chips between **2~60mm**
- 16** **Magnetic Model**
Suitable for Chips between **2~60mm**
- 17** **Precision Magnetic Model**
Suitable for Chips between **2~60mm**

- 18** **Drum Type Chip Conveyor**
For Tiny Chips

- 19** **Dual Belt Type Chip Conveyor**
For All Kinds of Chips

- 20** **Magnetic Conveyor**
For Magnetically Attracted Chips

- 21** **Leading Brand Name**
Chip Conveyor Systems

- 23** **Moving Forward**
Engage the Future

Excellent Results Create Dominant Position



40

Years In The Industry

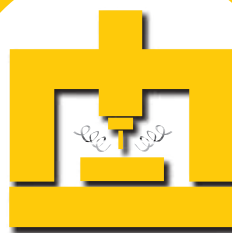


18,000

Units Sold Each Year

1,600

Global Customers



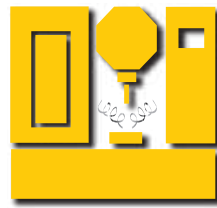


100%

Customer Satisfaction

95%

In-house Production



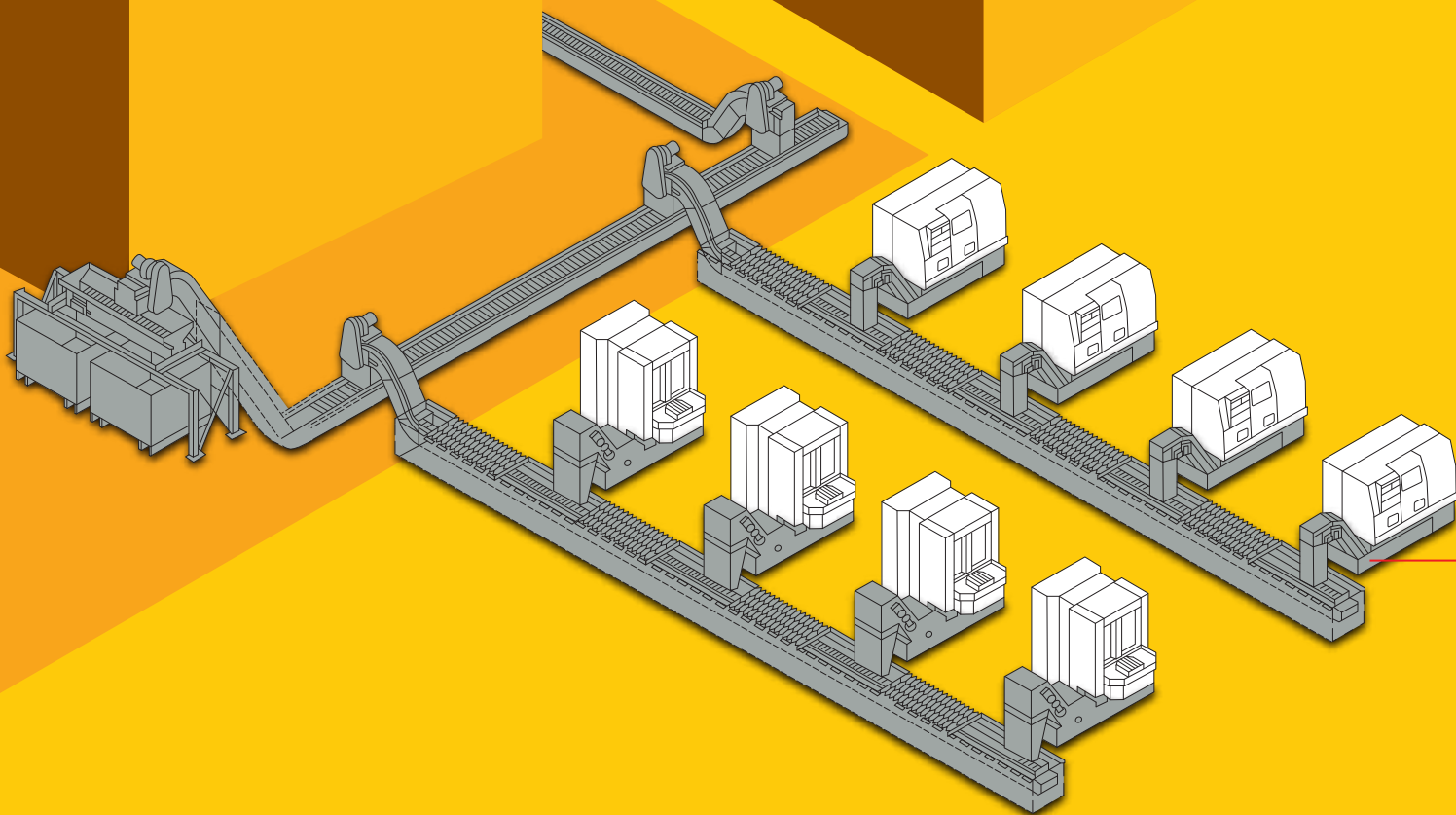
80%

Market Share In Taiwan

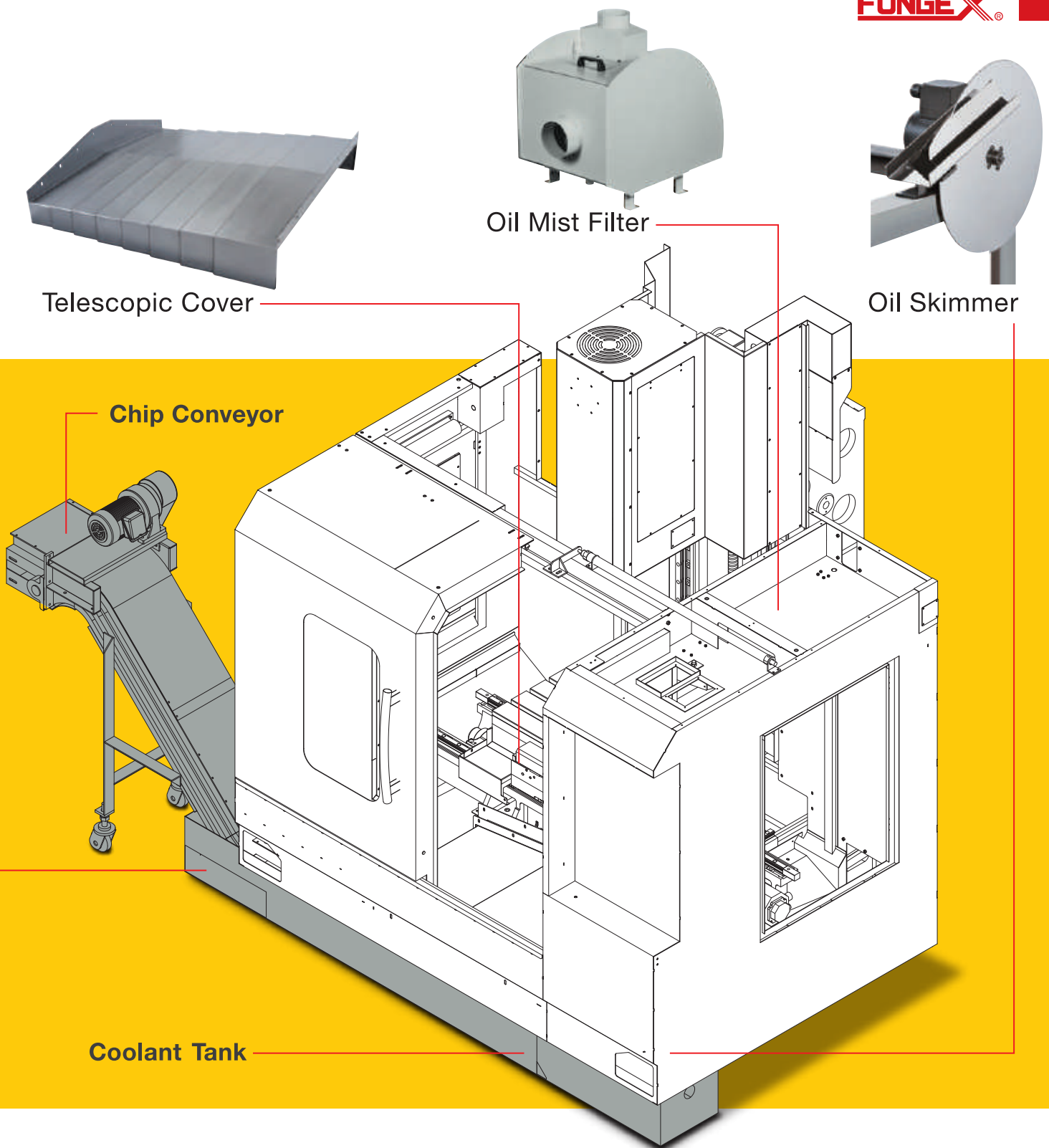


Wide Range of Machine Accessories Meet Customer Needs

Specialized in the Integration of Filtration Systems



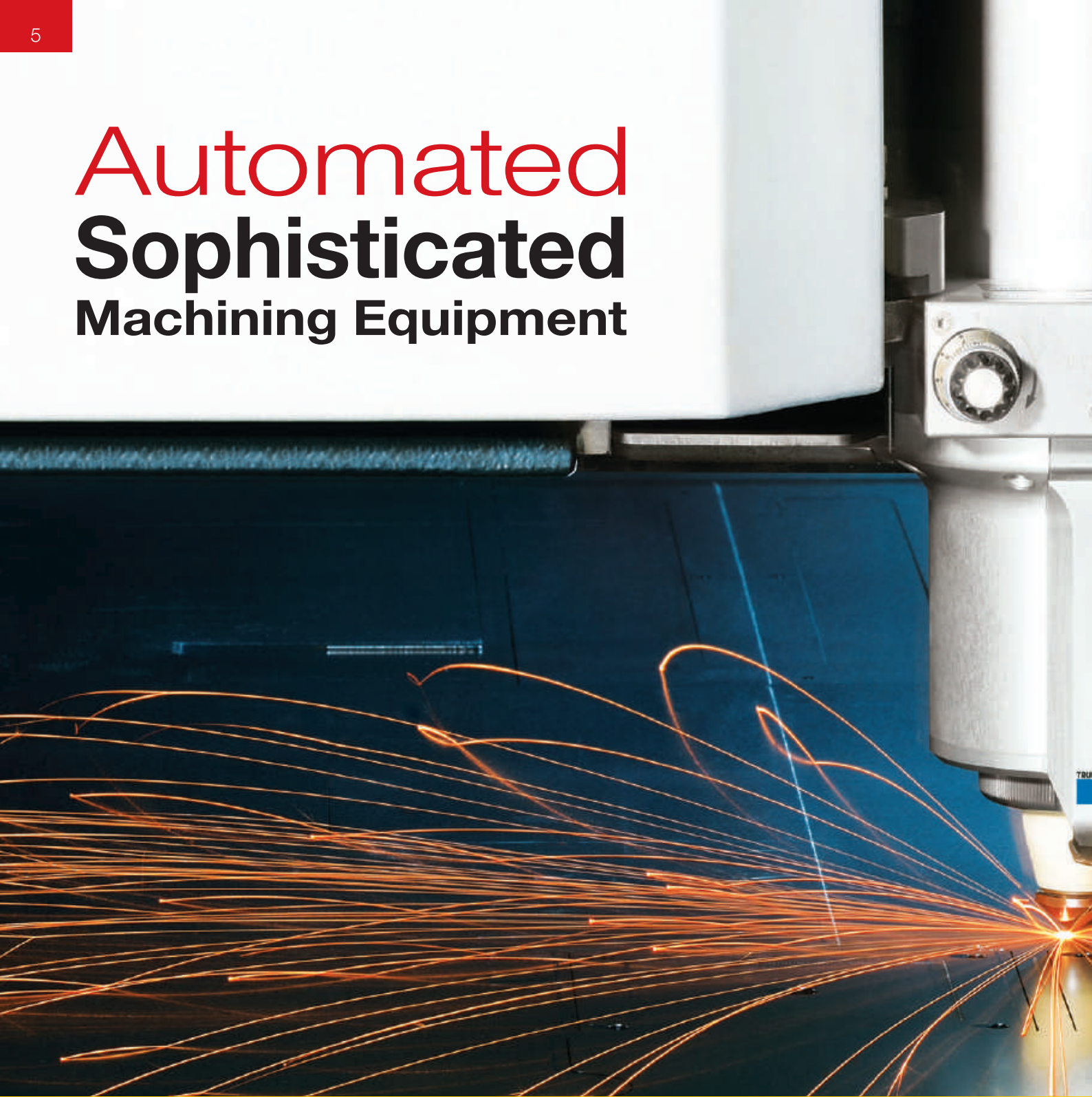
Multi-Type
Chain Plates



Carts

CTS System With
Coolant TankCTS System Without
Coolant TankLiquid-Chip
Separator

Automated Sophisticated Machining Equipment



Trumpf-Germany
Laser Cutting Machine



Trumpf-Germany
CNC Bending Machine



Welding
Robots



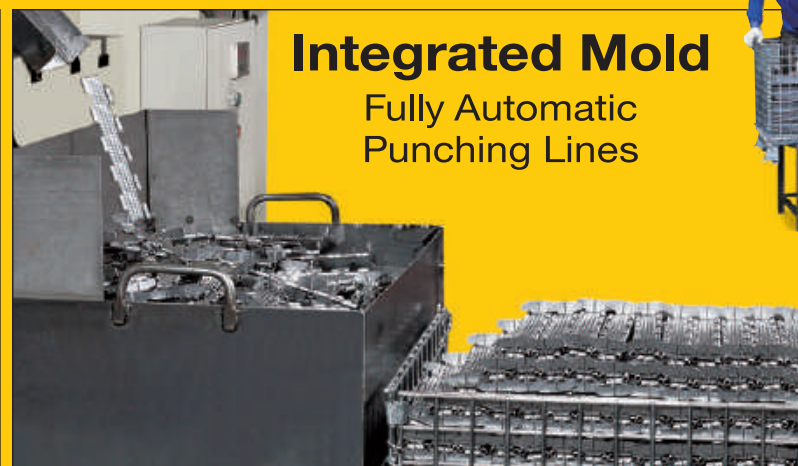
Constantly upgrading automated and unmanned manufacturing systems is Fongei's unwavering policy. Over the years we have not only established the most up-to-date facilities, but also invested heavily in world-famous machining equipment, such as the German Trumpf laser cutting machine, Trumpf CNC bending machine, a number of welding robots and fully automatic punching lines.

Our objective is to greatly invest in machining equipment in order to upgrade manufacturing efficiency and lower production costs, enabling us to pass on savings to our customers.



Integrated Mold

Fully Automatic
Punching Lines





Efficiency-Enhanced Consistent Production Process

Fongei is an efficiency-enhanced company. Our product assembly line is elaborately planned to achieve a clean and highly efficient working area. All on site personnel are not only well trained, but also pay extra attention to every detail throughout the manufacturing process.

This ensures maximum dependability of fongei's chip conveyors. Furthermore, on-process inspection is conducted during assembly to provide additional quality control.

1**Chain Riveting****2****Chain Installation****3****Motor Mounting**



4

Finished
Assembled



5

Product Inspection



Select a Suitable Conveyor by Different Chip Types



Curly Iron



Metallic

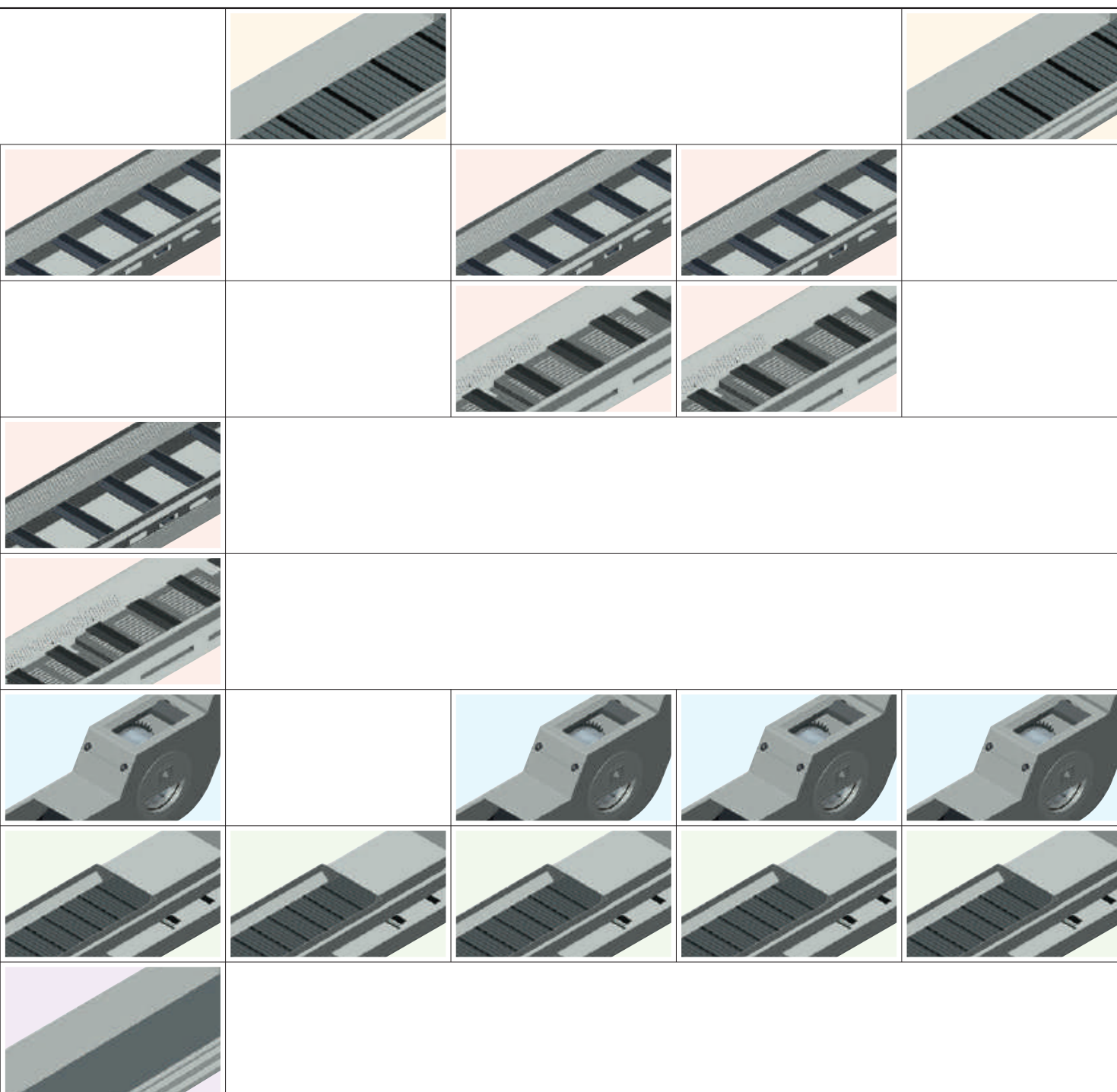


Non-Curly

Steel Belt Chip Conveyor Standard Model			
Scraper Type Chip Conveyor Standard Model Suitable for Dry Chips under 60mm			
Precision Model Suitable for Chips between 2~60mm			
Magnetic Model Suitable for Chips between 2~60mm			
Precision Magnetic Model Suitable for Chips between 2~60mm			
Drum Type Chip Conveyor For Tiny Chips			
Dual Belt Type Chip Conveyor For All Kinds of Chips			
Magnetic Conveyor For Magnetically Attracted Chips			



Non-Metallic



Steel Belt Chip Conveyor

Standard Model

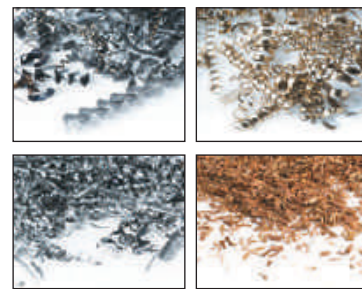


Belt pitch 31.75mm, for general machine tool chip removal, such as for CNC lathes and machining centers.

Features

- With dimply steel belt design. This prevents the sticking of tiny chips and efficiently promotes chip removal. The steel belt is also very durable.
- The steel belt chip conveyor is made with high tension.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines and other dedicated machinery.
- CE approved.

Applicable Chips



Pitch: 31.75mm
Frame: 3mm

☒ Option

W ☐ 100 ☐ 150 ☐ 200
☐ 250 ☐ 300 ☐ 350
☐ 400 ☐ 450 ☐ 500
☐ 550 ☐ 600 ☐ 650
☐ 700 ☐ 750 ☐ 800

α ☐ 0° ☐ 15° ☐ 30° ☐ 45° ☐ 60°

Customization

Fill in Blank _____ Unit

A _____ mm

B _____ mm

C _____ mm

D _____ mm

K _____ mm

T _____ mm

H _____ mm

M _____ mm

S 60 mm

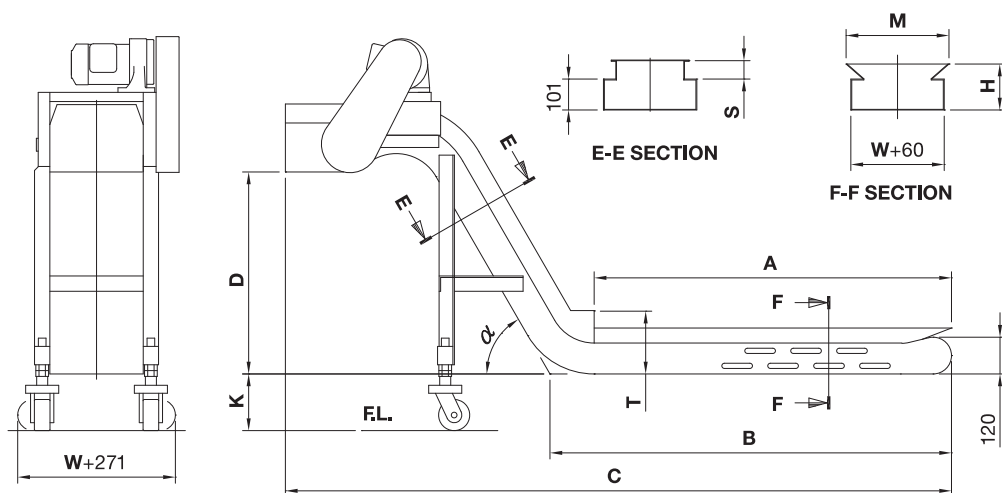
HP _____ mm

Max. Removal Load

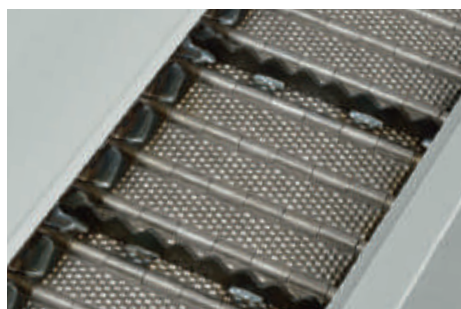
_____ kg/hr

Max. Flow Rate

_____ l/min



Steel Belt Chip Conveyor Standard Model

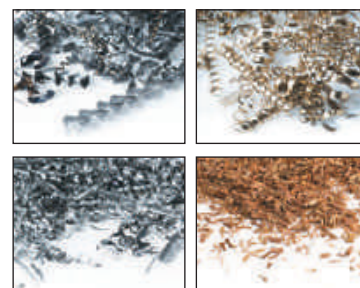


Belt pitch 50.8mm, for general machine tool chip removal, such as for CNC lathes and machining centers.

Features

- With dimply steel belt design. This prevents the sticking of tiny chips and efficiently promotes chip removal. The steel belt is also very durable.
- The steel belt chip conveyor is made with high tension.
- This model can be matched with large conventional machines tools, CNC machine tools, small/medium-sized presses and laser cutting machines.
- CE approved.

Applicable Chips



**Pitch: 50.8mm
Frame: 3mm**

☒ Option

W ☐ 180 ☐ 240 ☐ 300
☐ 360 ☐ 420 ☐ 480
☐ 540 ☐ 600 ☐ 720
☐ 780 ☐ 1020
☐ 1200 ☐ 1560

α ☐ 0° ☐ 15° ☐ 30° ☐ 45° ☐ 60°

Customization

Fill in Blank _____ Unit

A _____ mm

B _____ mm

C _____ mm

D _____ mm

K _____ mm

T _____ mm

H _____ mm

M _____ mm

S 75 mm

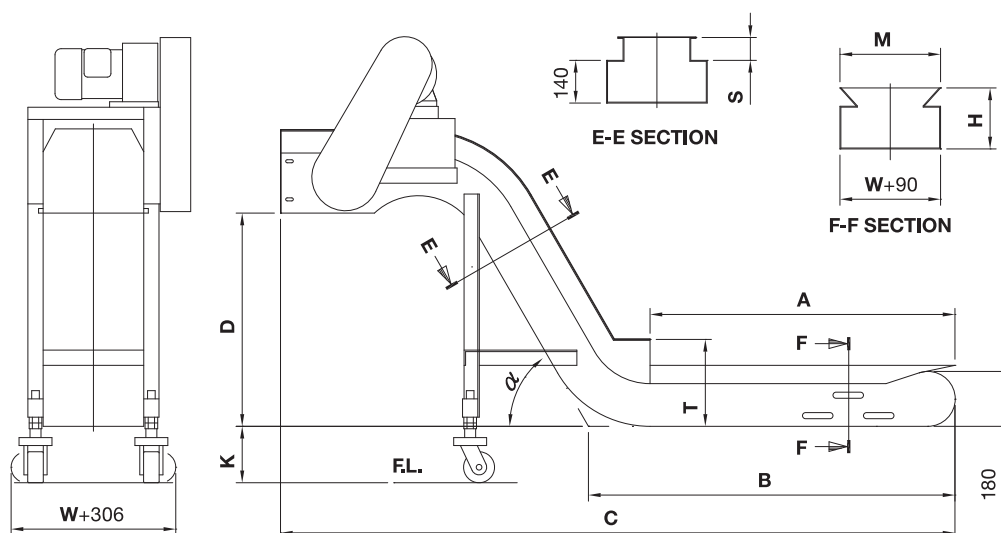
HP _____ mm

Max. Removal Load

_____ kg/hr

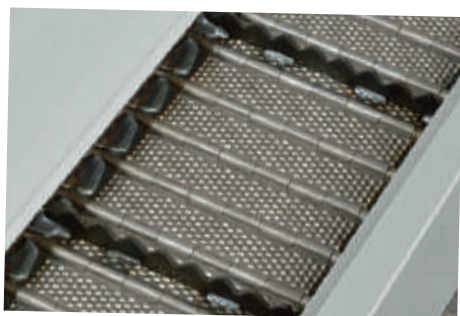
Max. Flow Rate

_____ l/min



Steel Belt Chip Conveyor

Standard Model

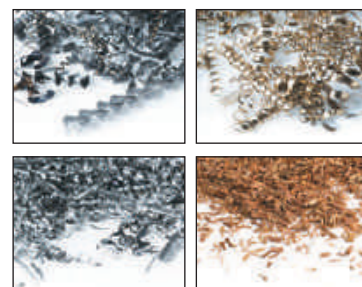


Belt pitch 63.5mm, for general machine tool chip removal, such as for CNC lathes and machining centers.

Features

- With dimply steel belt design. This prevents the sticking of tiny chips and efficiently promotes chip removal. The steel belt is also very durable.
- The steel belt chip conveyor is made with high tension.
- This model can be matched with various extrusion presses, forging presses, punching presses, and production lines for automotive components, wheel rims and other turnkey processes.
- CE approved.

Applicable Chips



Pitch: 63.5mm
Frame: 3mm

☒ Option

W ☐ 152 ☐ 230 ☐ 306

☐ 382 ☐ 460 ☐ 612

☐ 687 ☐ 763 ☐ 916

α ☐ 0° ☐ 15° ☐ 30° ☐ 45° ☐ 60°

Customization

Fill in Blank _____ Unit

A _____ mm

B _____ mm

C _____ mm

D _____ mm

K _____ mm

T _____ mm

H _____ mm

M _____ mm

S **85** mm

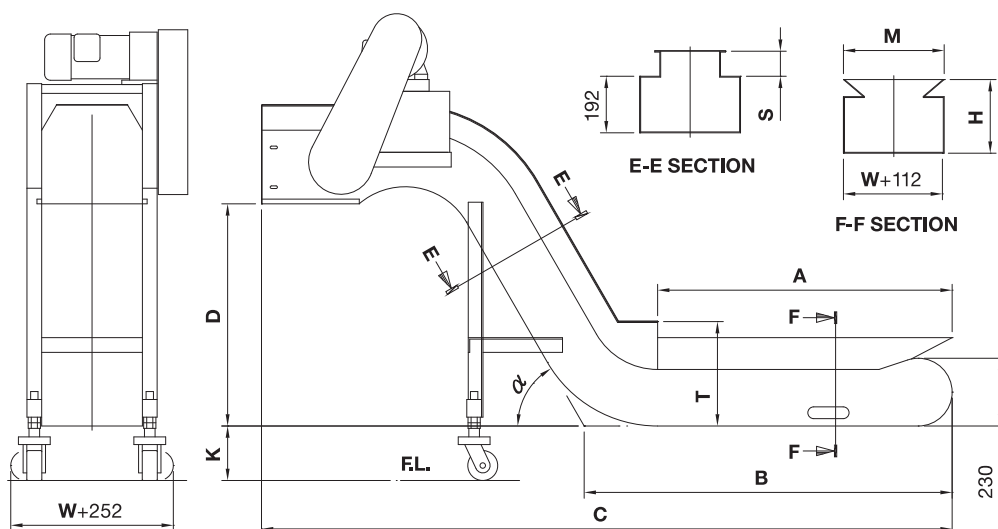
HP _____ mm

Max. Removal Load

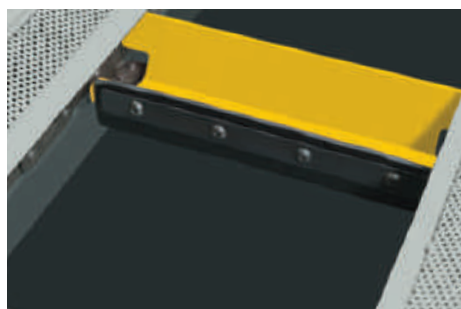
_____ kg/hr

Max. Flow Rate

_____ l/min



Scraper Type Chip Conveyor Standard Model



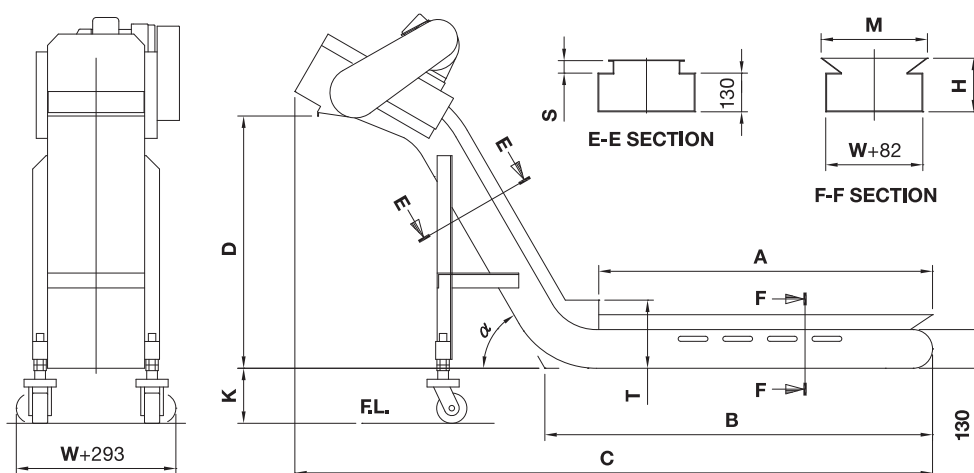
Suitable for Dry Chips under
60mm



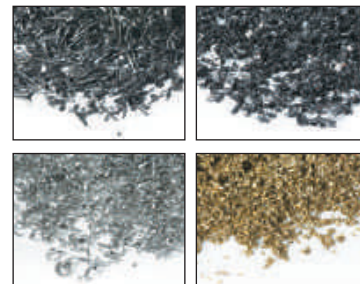
Scraper type for powders and tiny chips, such as copper, aluminum and casting iron chips. Usually used for dry cutting processes.

Features

- Special design for chip removal.
- The scraper chip conveyor is made with high tension.
- This model is suitable for non-scrolled type chips, such as iron, casting iron, copper and aluminum chips.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines, gear machines and other dedicated machinery.
- CE approved.



Applicable Chips



Pitch: 38.1mm
Frame: 3mm

Option

W	☐ 100	☐ 125	☐ 150
	☐ 175	☐ 200	☐ 225
	☐ 250	☐ 275	☐ 300
	☐ 325	☐ 350	☐ 375
	☐ 400	☐ 425	☐ 450
	☐ 475	☐ 500	☐ 525
	☐ 550	☐ 575	☐ 600
	☐ 625	☐ 650	☐ 675
	☐ 700	☐ 725	☐ 750
	☐ 775	☐ 800	
α	☐ 30°	☐ 45°	☐ 60°

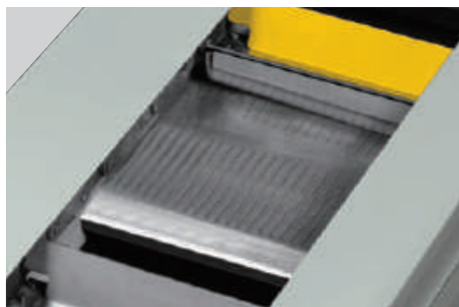
Customization

Fill in Blank _____ Unit

A	_____	mm
B	_____	mm
C	_____	mm
D	_____	mm
K	_____	mm
T	_____	mm
H	_____	mm
M	_____	mm
S	42	mm
HP	_____	mm
Max. Removal Load	_____	kg/hr

Scraper Type Chip Conveyor

Precision Model



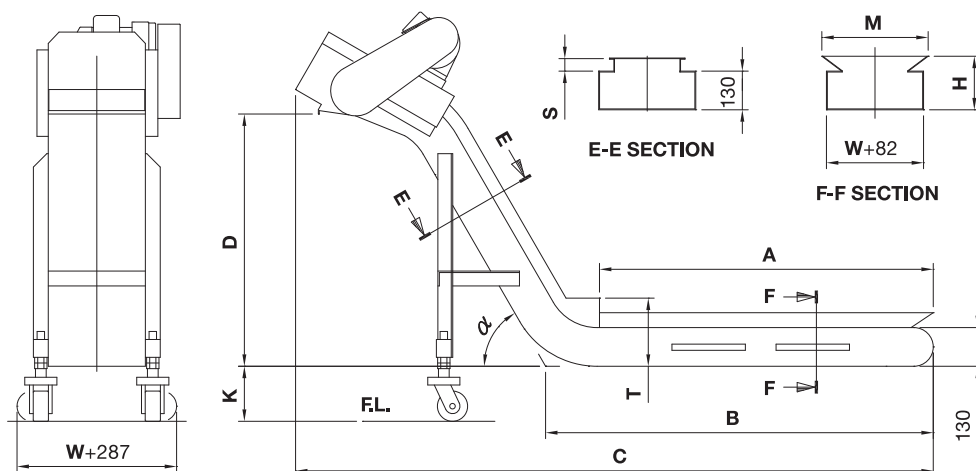
Suitable for Chips between
2~60mm



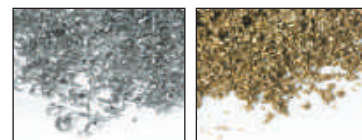
Scraper type for powders and tiny chips, such as copper and aluminum chips.

Features

- Specially designed for chip removal.
- The scraper chip conveyor is made with high tension.
- This model applies to non-scrolled type chips, such as iron, casting iron, copper and aluminum chips.
- Features a filter box design.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines, gear machines and other dedicated machinery.
- CE approved.



Applicable Chips



Pitch: 38.1mm
Frame: 3mm

Option

W	☐ 100	☐ 125	☐ 150
	☐ 175	☐ 200	☐ 225
	☐ 250	☐ 275	☐ 300
	☐ 325	☐ 350	☐ 375
	☐ 400	☐ 425	☐ 450
	☐ 475	☐ 500	☐ 525
	☐ 550	☐ 575	☐ 600
	☐ 625	☐ 650	☐ 675
	☐ 700	☐ 725	☐ 750
	☐ 775	☐ 800	
α	☐ 30°	☐ 45°	☐ 60°

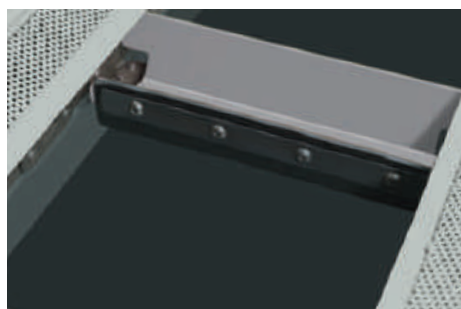
Customization

Fill in Blank _____ Unit

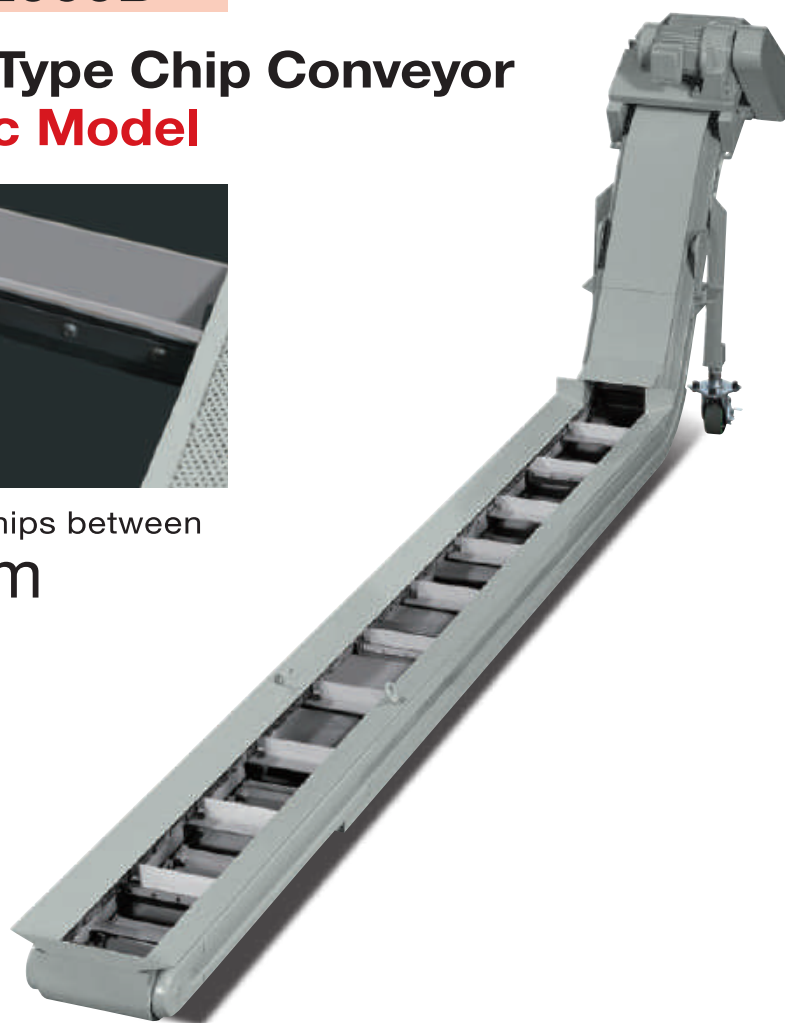
A	_____	mm
B	_____	mm
C	_____	mm
D	_____	mm
K	_____	mm
T	_____	mm
H	_____	mm
M	_____	mm
S	42	mm
HP	_____	mm
Max. Removal Load	_____	kg/hr
Max. Flow Rate	_____	ℓ/min

Scraper Type Chip Conveyor

Magnetic Model



Suitable for Chips between
2~60mm

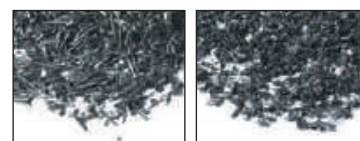


Scraper type for powders and tiny chips, such as casting iron chips.

Features

- Specially designed for chip removal.
- The scraper chip conveyor is made with high tension.
- This model applies to non-scrolled type chips, such as casting iron chips.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines, gear machines and other dedicated machinery.
- CE approved.

Applicable Chips



Pitch: 38.1mm
Frame: 3mm

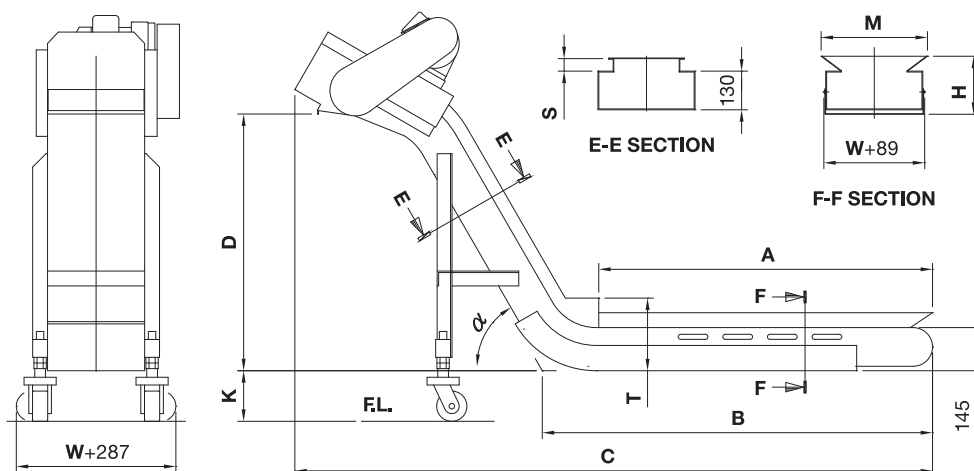
☑ Option

W	☐ 100	☐ 125	☐ 150
	☐ 175	☐ 200	☐ 225
	☐ 250	☐ 275	☐ 300
	☐ 325	☐ 350	☐ 375
	☐ 400	☐ 425	☐ 450
	☐ 475	☐ 500	☐ 525
	☐ 550	☐ 575	☐ 600
	☐ 625	☐ 650	☐ 675
	☐ 700	☐ 725	☐ 750
	☐ 775	☐ 800	
α	☐ 30°	☐ 45°	☐ 60°

Customization

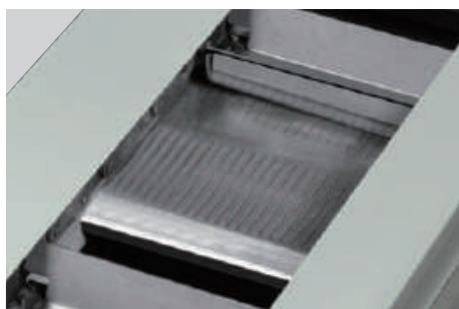
Fill in Blank _____ Unit

A	_____	mm
B	_____	mm
C	_____	mm
D	_____	mm
K	_____	mm
T	_____	mm
H	_____	mm
M	_____	mm
S	42	mm
HP	_____	mm
Max. Removal Load	_____	kg/hr
Max. Flow Rate	_____	ℓ/min

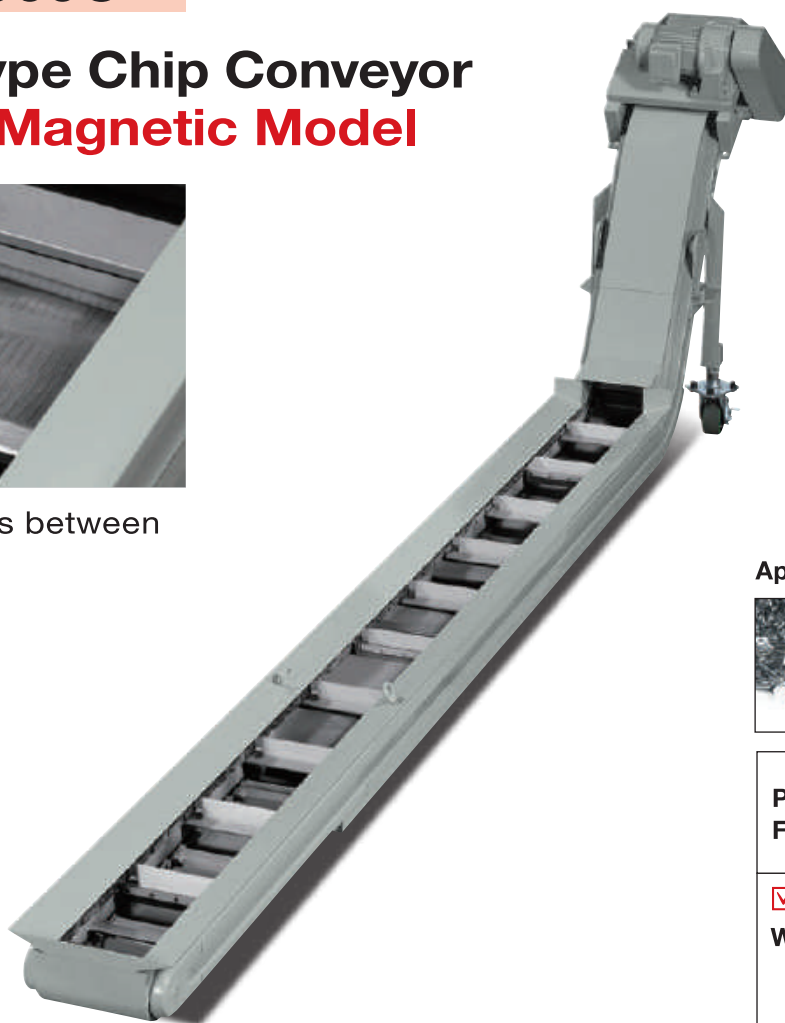


Scraper Type Chip Conveyor

Precision Magnetic Model



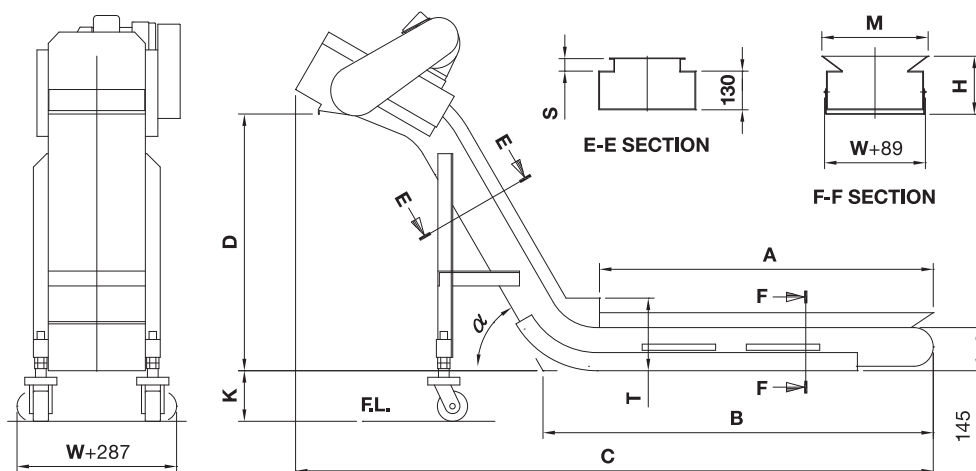
Suitable for Chips between
2~60mm



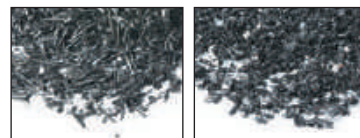
Scraper type for powders and tiny chips, such as casting iron chips.

Features

- Specially designed for chip removal.
- The scraper chip conveyor is made with high tension.
- This model applies to non-scrolled type chips, such as casting iron chips.
- Features a filter box design.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines, gear machines and other dedicated machinery.
- CE approved.



Applicable Chips



Pitch: 38.1mm
Frame: 3mm

☑ Option

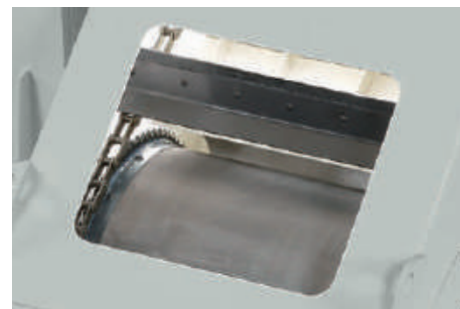
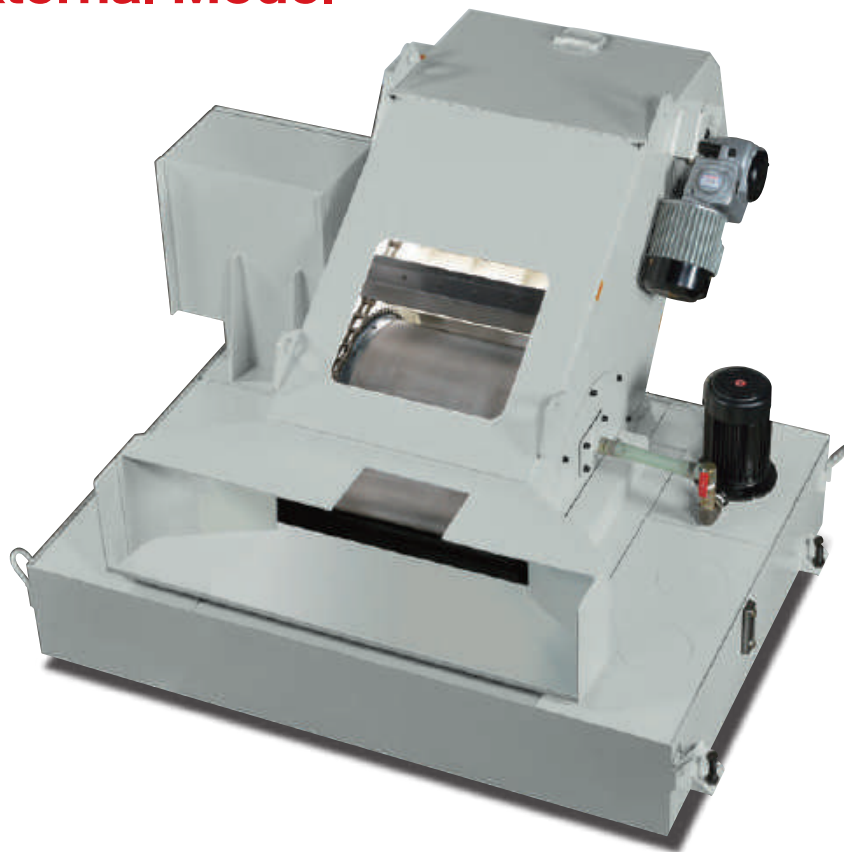
W	☐ 100	☐ 125	☐ 150
	☐ 175	☐ 200	☐ 225
	☐ 250	☐ 275	☐ 300
	☐ 325	☐ 350	☐ 375
	☐ 400	☐ 425	☐ 450
	☐ 475	☐ 500	☐ 525
	☐ 550	☐ 575	☐ 600
	☐ 625	☐ 650	☐ 675
	☐ 700	☐ 725	☐ 750
	☐ 775	☐ 800	
α	☐ 30°	☐ 45°	☐ 60°

Customization

Fill in Blank _____ Unit

A	_____	mm
B	_____	mm
C	_____	mm
D	_____	mm
K	_____	mm
T	_____	mm
H	_____	mm
M	_____	mm
S	42	mm
HP	_____	mm
Max. Removal Load	_____	kg/hr
Max. Flow Rate	_____	ℓ/min

Drum Type Chip Conveyor External Model



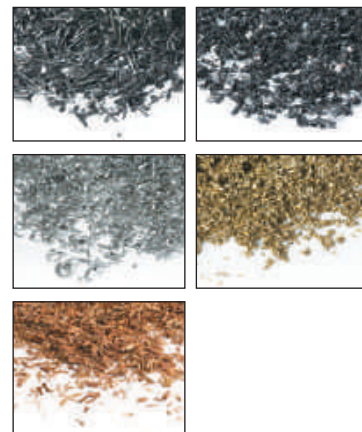
For Tiny Chips

Chain pitch 381mm, for general machine tool chip removal with drum type filter system.

Features

- Suitable for conveying tiny chips with cutting coolant, especially aluminum chips, light metallic chips, titanium alloy chips, magnesium chips and powder chips.
- Filter precision of 150µm without blockages.
- Equipped with an automatic cleaning device.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines and other dedicated machinery.
- CE approved.

Applicable Chips



Pitch: 381mm
Frame: 3mm

Option

W ☐ 400 ☐ 450 ☐ 500
☐ 570 ☐ 600 ☐ 700
☐ 800 ☐ 900 ☐ 1000

Customization

Fill in Blank _____ Unit

A _____ mm

B _____ mm

C _____ mm

D _____ mm

E _____ mm

K _____ mm

H 350 mm

W _____ mm

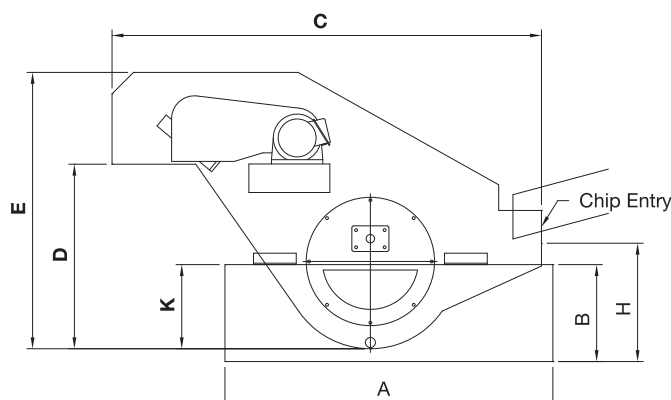
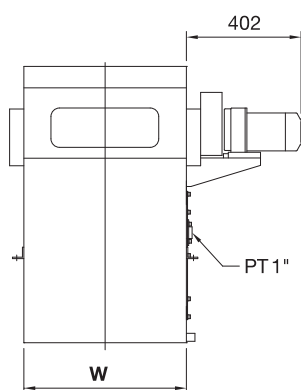
HP _____ mm

Max. Removal Load

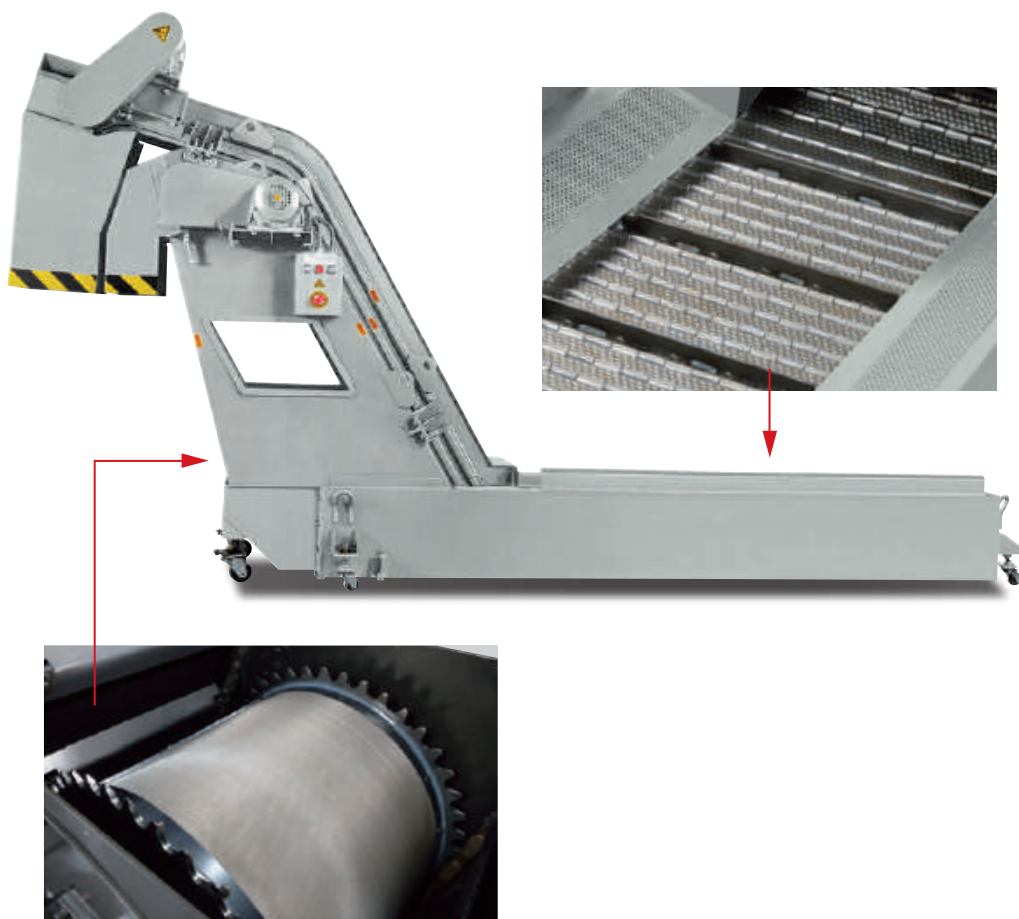
_____ kg/hr

Max. Flow Rate

_____ l/min



Dual Belt Type Chip Conveyor (For All Kinds of Chips)



Applicable Chips



Pitch: 38.1mm
Frame: 3mm

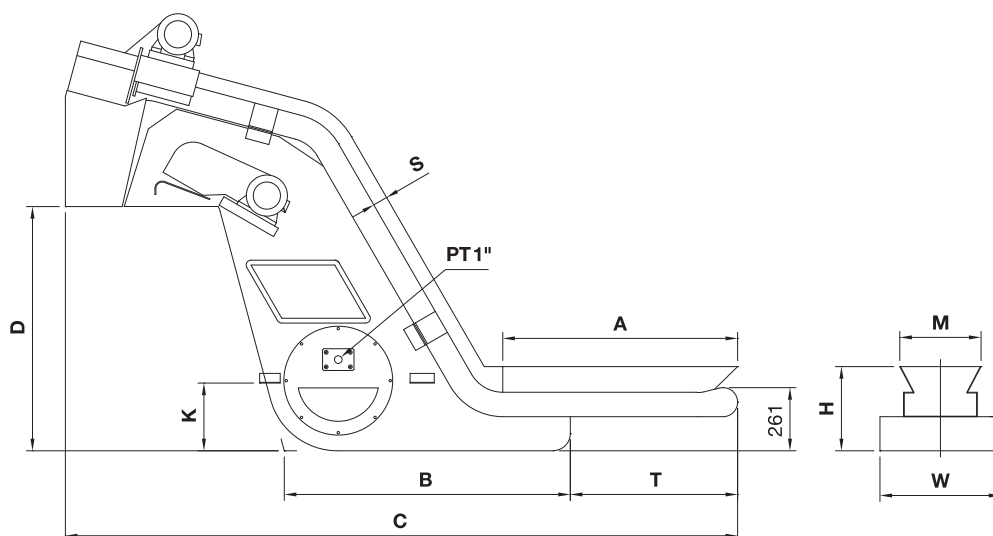
☒ Option

W ☐ 400 ☐ 500 ☐ 570
☐ 600 ☐ 800 ☐ 900
☐ 1000

For compound processing and conveying a wide variety of iron chips.

Features

- Suitable for compound processes, and features excellent chip removal with high filter precision.
- This model is applicable for both long and short mixed chips.
- With advanced filter system to process a lot of coolant, and a filter precision of 150μm without blockages.
- This model can be matched with various machine tools, machining centers, drills, planer type milling machines and other dedicated machinery.
- CE approved.



Customization

Fill in Blank _____ Unit

A _____ mm

B _____ mm

C _____ mm

D _____ mm

K _____ mm

T _____ mm

H 350 mm

W _____ mm

M _____ mm

S 60 mm

HP _____ mm

Max. Removal Load

_____ kg/hr

Max. Flow Rate

_____ ℓ/min

Magnetic Conveyor



For Magnetically Attracted Chips

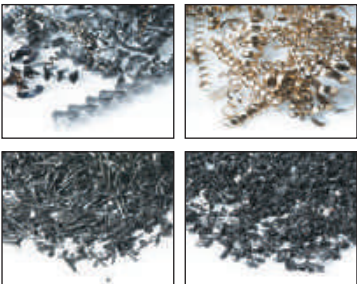


Belt pitch 31.75 for chip removal on presses and Screw Making Machines.

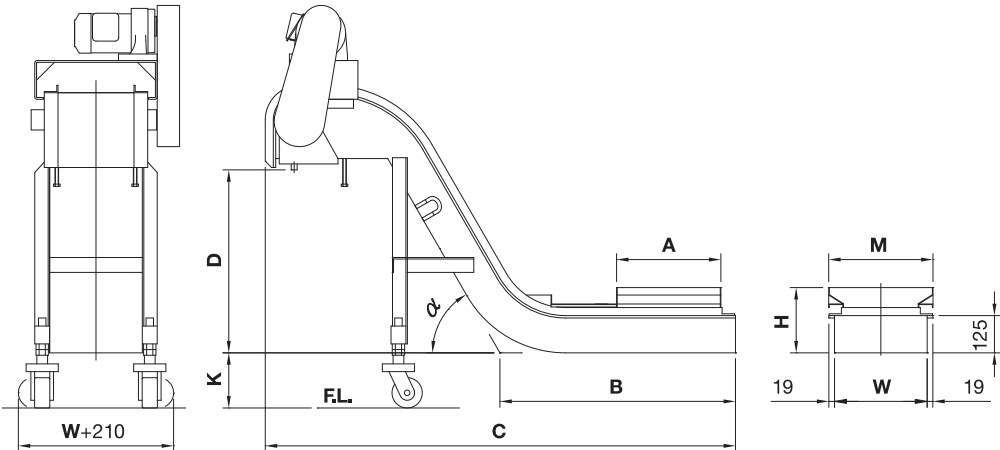
Features

- Suitable to convey iron pieces, silicon steel pieces and screw parts.
- Using magnetic principles, this conveyor first magnetizes the chips, and then proceeds to transport them.
- This model can be matched with presses and screw transportation.
- CE approved.

Applicable Chips



Pitch: 31.75mm Frame: 3mm		
☒ Option		
W	☐ 205 ☐ 255 ☐ 311 ☐ 361 ☐ 417	
α	☐ 30° ☐ 45° ☐ 60°	
Customization		
Fill in Blank _____ Unit		
A	_____	mm
B	_____	mm
C	_____	mm
D	_____	mm
K	_____	mm
H	_____	mm
W	_____	mm
M	_____	mm
HP	_____	mm
Max. Removal Load		
_____		kg/hr
Chip Dimensions		
_____		mm



Leading Brand Name

Chip Conveyor Systems



Established: 1975

Capital: USD \$9 million

Employees: 170

Area: 30,000m²

Excellence**Consistency****Innovation**

Company Profile

Founded in 1975, Fongei Industry Co., Ltd. is a highly reputed manufacturer of chip conveyors. Fongei chip conveyors have been supplied to the majority of domestic machine tool manufacturers.

Thanks to excellent quality and reasonable price, Fongei products have occupied over 80% of the domestic chip conveyor market. Based on steady growth of domestic business, Fongei is aggressively developing international markets.

With high quality and competitive prices, we believe Fongei products will be fully satisfactory to foreign customers as well. We will continue to dedicate ourselves to excellence in chip conveyors and strive to achieve our strategic targets.



Moving Forward Engage the Future

In the future, we will continue to dedicate ourselves to excellence in chip conveyors and provide customers with high quality and more efficient filtration systems.







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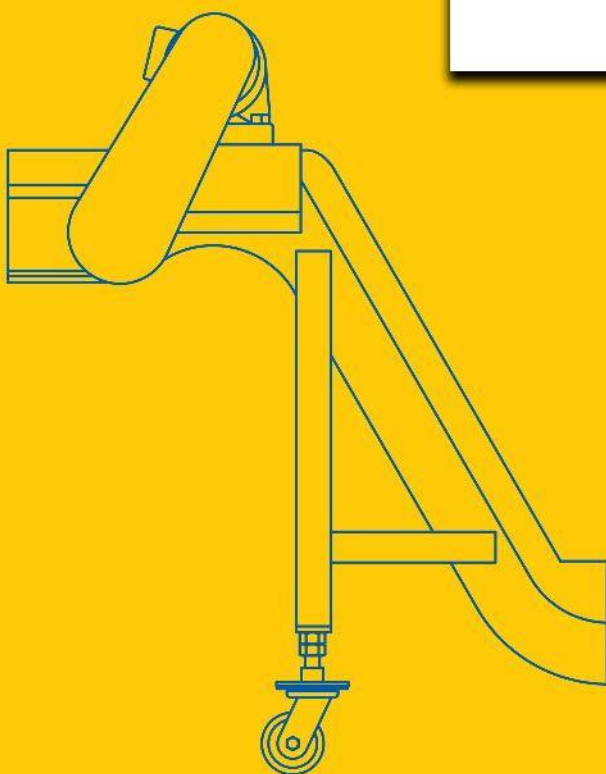
*Elements For
Manufacturing Processes*



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Customized Chip Conveyor Systems Planning

- The referred products are covered by product liability insurance.
- Contents are subject to change without any notice.