

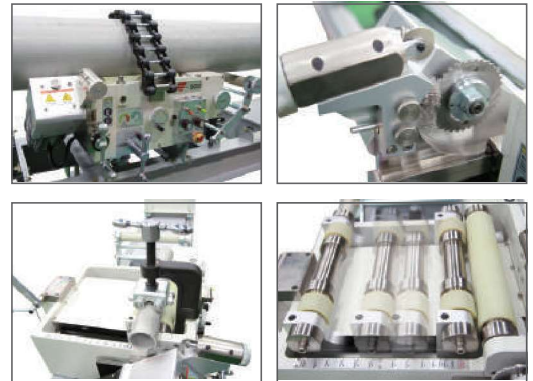
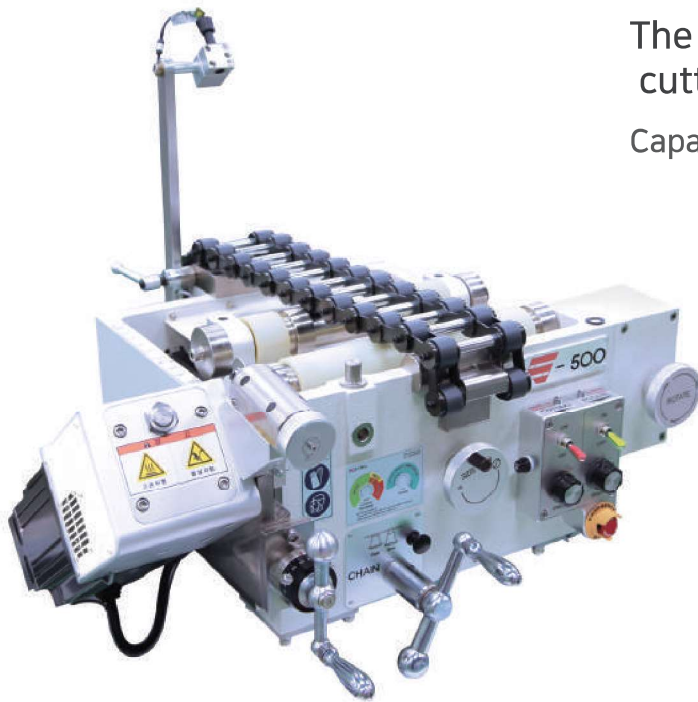


- 500

Necessary for Stainless Piping Work

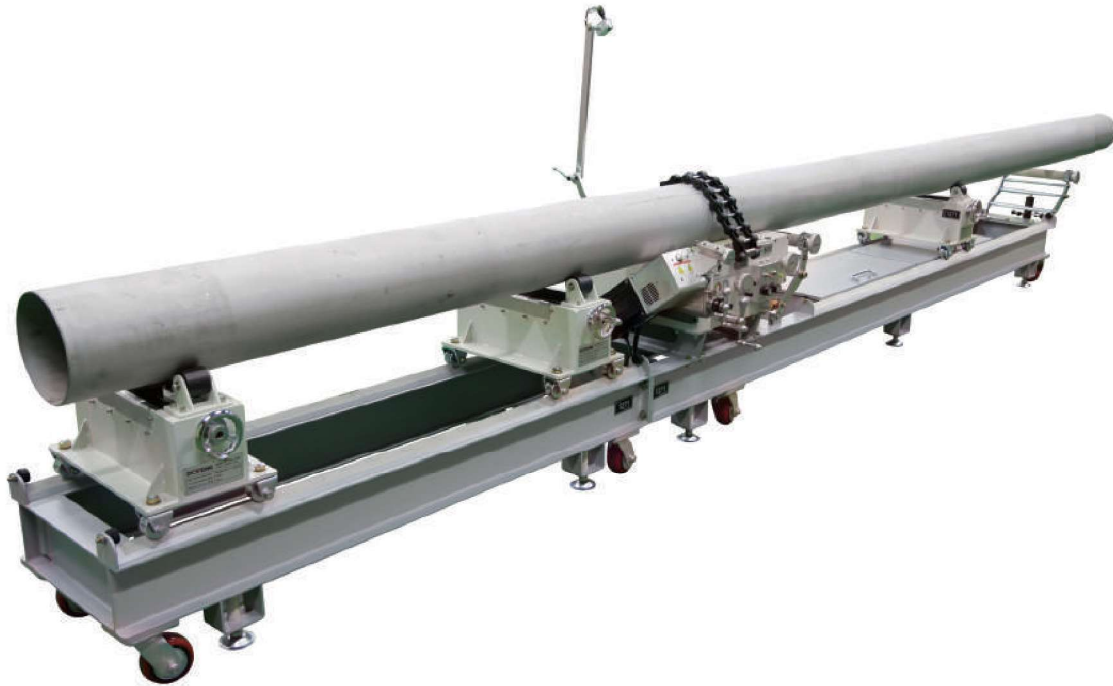
The world's first pipe-rotation cutting method applied machine

Capacity : Pipe O.D 16 - 510mm (3/8 - 20inch)
Pipe wall thickness maximum 10mm



- Maximizing the user convenience with automatic rotation
- Enable you to cut and bevel from O.D 16 to 510mm with one machine
 - 3/8 - 2inch : Vise clamping method
 - 2 - 20inch : Chain clamping method
 - Possible to cut up to 24inch (please contact to the head office)
- Device for preventing the jamming of saw blades is installed (exceptionally useful in large diameter pipes)
- Minimizing the eccentricity while cutting and beveling
- Free adjustment of blade while cutting and beveling is possible

– Using with the total rail(S-500_PR)



– Machine Specifications

Description		Unit	Specification
Cutting Capacity	Min. O.D	mm(inch)	16 (3/8)
	Max. O.D	mm(inch)	510 (20)
	Min. Thickness	mm	0,8 ^{Note 1)}
	Max. Thickness(recommend)	mm	10 (8)
Beveling Capacity	Min. O.D	mm(inch)	16 (3/8)
	Max. O.D	mm(inch)	510 (20)
	Min. Thickness	mm	-
	Max. Thickness(recommend)	mm	10 (8)
	Beveling Angle	°	30/32/35/37,5/40/45
Mechanical Data	Dimensions	mm	413 x 460 x 325
	Weight	kg	92

- Note 1) Minimum cutting thickness is on the basis of 16mm(3/8inch).
- Design and specification of this product are the version as of January 2018.
- The data may be subject to change for product improvement without a prior notice.
- Be sure to read through safety precautions described in the user manual and the equipment before using our products.

– Motor Specifications

Description	Unit	Cutting Motor	Rotating Motor
Rated output	W	1500	400
Rated voltage	V	AC 200 - 220V / 50 - 60Hz	
Rated current	A	5.7	1.85
Working environment	-	0 ° C - 40 ° C / 20 - 80%RH	

– Table Specifications

Item	Dimension(D x L x H)	Weight	Q'ty
S-500_PR	5000 x 465 x 350H * Possible to divide into 1600 and 3400 (Based on 6M pipe)	About 180kg	1 EA
	S-500_PL(assembled) : 40 x 40 x 44H		1 EA
S-500_PL	40 x 40 x 44H	18kg	1 EA
S-500_PS	280 x 450 x 320H	33kg	3 EA

– Standard Accessories

- S-500_VC : Vise clamp(3/8 - 2inch)
- S-500_CC : Chain clamp(2 - 20inch)
- S-500_PS : Pipe support device
- S-500_PR : Pipe rail device
- S-500_PL : Pipe lift device



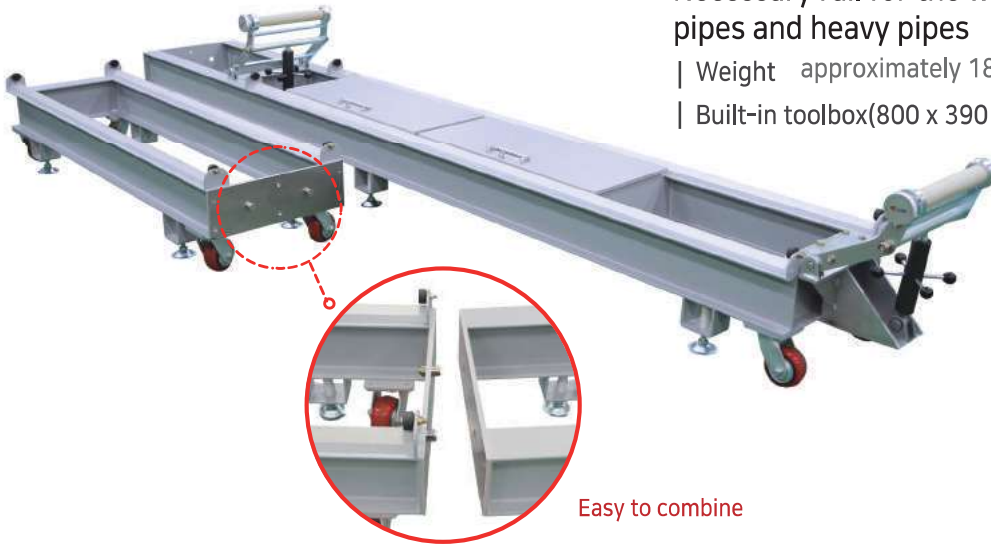
Standard accessories supplied with S-500

► S-500_PR

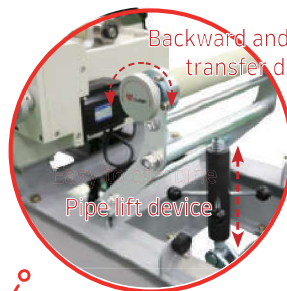
Necessary rail for the work on large diameter pipes and heavy pipes

| Weight approximately 180kg

| Built-in toolbox(800 x 390 x 160H) x2EA



Easy to combine



Backward and forward transfer device

Pipe lift device

– Backward and forward transfer device

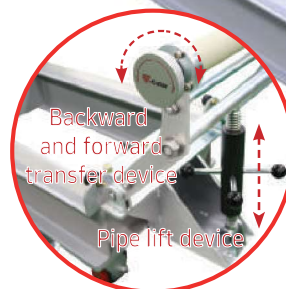
- Easy to move the heavy pipes and finely tune the cutting position

– Pipe lift device

- Easily lift up and down the heavy materials

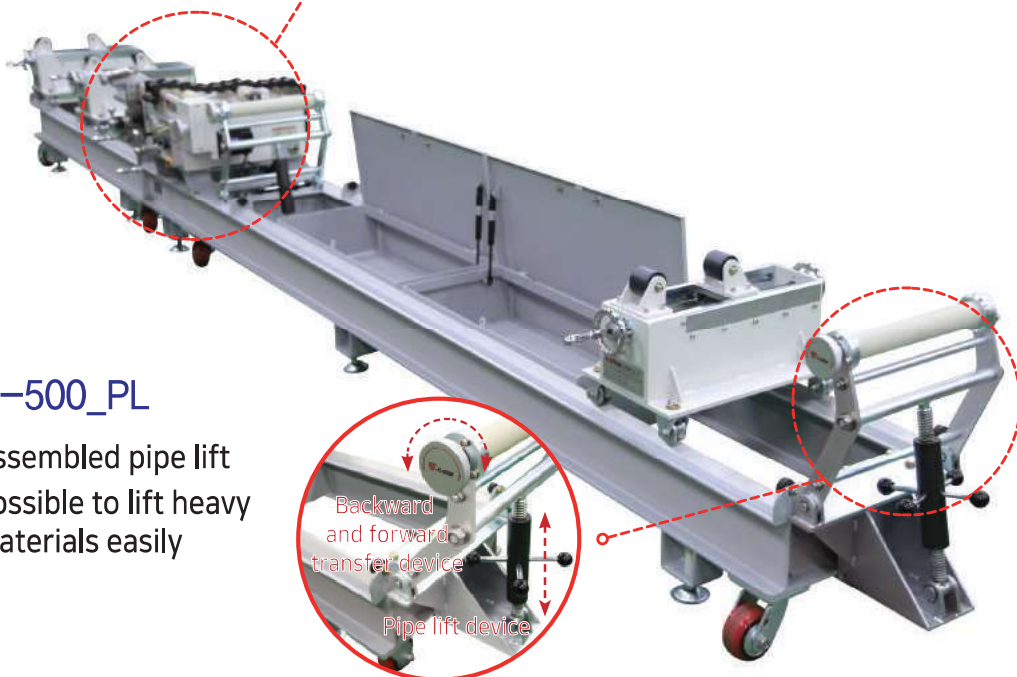
► S-500_PL

- Assembled pipe lift
- Possible to lift heavy materials easily



Backward and forward transfer device

Pipe lift device



Cutting Blade

This is a blade for cutting.
Compatible with GF and Axxair Cutter.

| Material HSS

| Thickness 1.0mm - 2.0mm

| Pipe materials Carbon steel, Stainless, Copper, PVC, PP, PVDF, Sanitary tubes, Titanium pipes, Chromium-Molybdenum tubes, Duplex pipes, INCONEL and Alloy



– Cutting blade specification

Item	O.D	I.D	No. of Blade	Recommended pipe thickness
S-6860	68	16	60	0.5 - 1.5mm
S-6844	68	16	44	1.5 - 3.0mm
S-8056	80	16	56	0.5 - 3.0mm
S-8048	80	16	48	2.0 - 5.0mm
S-8040	80	16	40	4.0 - 10.0mm
S-8036	80	16	36	7.0 - 13.0mm
S-10044	100	16	44	7.0 - 15.0mm
S-10080	100	16	80	0.5 - 1.5mm

- The above data is based on STS 304 materials.
- Use different cutting and rotation speed depending on your work conditions.

Beveling Blade

This is a blade for beveling.
Compatible with GF Cutter.

| Material HSS

| Pipe materials Carbon steel, Stainless, Copper, PVC, PP, PVDF, Sanitary tubes, Titanium pipes, Chromium-Molybdenum tubes, Duplex pipes, INCONEL and Alloy

| Beveling angle 30° / 32° / 35° / 37.5° / 40° / 45°

* possible to make a custom beveling blade

