

Mitre Circular Cold Saws PSU Semi-Automatic

Flexible and universal.

PSU 450 H

Universal Mitre Cutting Circular Saw

- Outstanding cutting performance and long saw blade life due to:
 - the robust and sturdy machine base which helps reduce vibration and noise during the sawing operation
 - worm gear box with the unique rotation compensation feature developed by Eisele
- Easy mitring with fixed stops at 45° and 90°
- Hydraulic clamping device
- Standard clamping pressure regulation for cutting thin-walled profiles
- Saw down feed continuously adjustable via flow control valve
- Can be combined with different roller conveyors and length measuring systems
- Micro-spray system



EISELE PSU 450 H

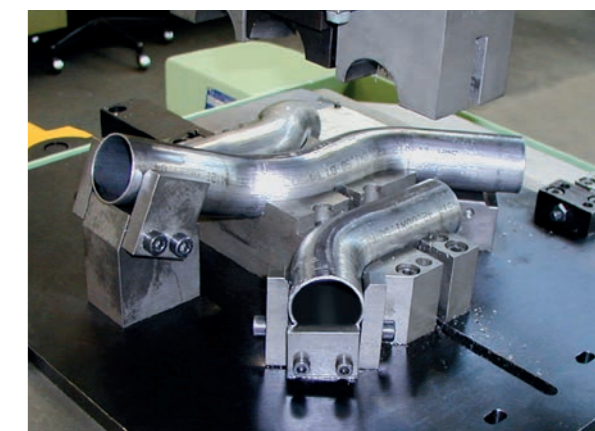
PSU 450 GS

Production High-Performance Circular Saw, especially designed for cutting bent tubes.

- Allows for individual clamping concepts thanks to standardized holding fixtures
- Upper and lower saw stroke reversing points can be adjusted
- Extremely sturdy clamping bridge ensures reliable work-piece clamping
- Long stroke cylinder with stroke length 160 mm
- Variable clamping pressure regulation
- Micro-spraying system
- Two-hand safety control
- Piece counter

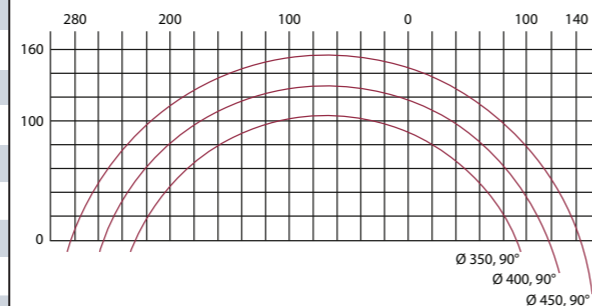


EISELE PSU 450 GS



Technical Data PSU

Model		PSU 450 H	PSU 450 GS	PSU 450 GS Dynamic
Cutting range				
Flat	90°	[mm]	240 x 70 / 390 x 30 ¹⁾	
Flat	45°	[mm]	170 x 70 / 280 x 30 ¹⁾	
Flat	30°	[mm]	120 x 70 / 190 x 30 ¹⁾	
Square	90°	[mm]	140	
Square	45°	[mm]	125	
Square	30°	[mm]	100	
Round	90°	[mm]	150	
Round	45°	[mm]	145	
Round	30°	[mm]	120	
Saw blade diameter		[mm]	450	450
Drive power		[kW]	3.0 / 3.6	7.0
RPM standard		[min ⁻¹]	6 / 12 / 24 / 48	6 - 70
RPM optional		[min ⁻¹]	12 / 24 / 48 / 96	
Weight approx.		[kg]	1250	1100



EISELE PSU 450 GS Dynamic

PSU 450 GS Dynamic

Designed on the basis of the PSU 450 GS and enhanced by the following features:

- Servo-motorized saw unit
- Automatic cutting feed control by means of a proportional valve
- The easy-to-operate control unit allows for memorizing profile and job data
- Dynamic sawing: dynamic regulation of the saw feed movement for low-burr cutting of thin-walled tubes and profiles

¹⁾ With adjustable material stop