Mitre Circular Cold Saws PSU

Flexible and universal.

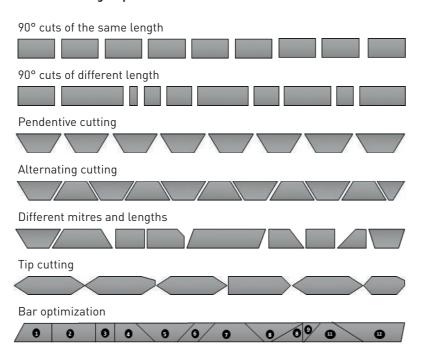
Automatic

PSU 450 A

The flexible PC-controlled High-Performance Circular Sawing Centre for utmost cost-effective production of small and large quantity.

- Servo-driven axis for precise material length positioning, mitre angle adjustment and outfeed gripper (option)
- The disposal device clamps the piece during the cut and takes the cut piece out of the machine in axial direction to freely programmable positions
- High-performance and load independent positioning drives help reduce cycle times
- Servo-technology of the saw drive and automatic cutting feed control by means of a proportional valve as a standard
- Short rest piece length

Possible cutting sequences



Technical Data PSU

Model			PSU 450 M	PSU 450 A
Saw feed			hydraulic	hydraulic
Material clamping			hydraulic	hydraulic
Cutting ran	ige			
Flat	90°	[mm]	240 x 70	220 x 70
Flat	45°	[mm]	180 x 50	170 x 70
Flat	30°	[mm]	120 x 50	120 x 70
Square	90°	[mm]	10 - 140	10 - 140
Square	45°	[mm]	10 - 125	10 - 125
Square	30°	[mm]	10 - 100	10 - 100
Round	90°	[mm]	10 - 150	10 - 150
Round	45°	[mm]	10 - 145	10 - 145
Round	30°	[mm]	10 - 120	10 - 120
Saw blade diameter		[mm]	450	450
Drive power		[kW]	3.0 / 3.6	3.0 / 3.61
RPM standard		[min ⁻¹]	6 / 12 / 24 / 48	6/12/24/48
RPM optional		[min ⁻¹]	12 / 24 / 48 / 96	6 - 70 ¹⁾
Feeding length single stroke		[mm]	1500	1500
Feeding grippper axis speed		[mm/s]	500	500
Weight approx.		[kg]	2350	3150

¹⁾ PSU 450 A with servo controlled saw drive - 7.1 kW



