

Extend 1000.820

Extend

Power of cutting.

SEMI-AUTOMATIC



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EXTEND

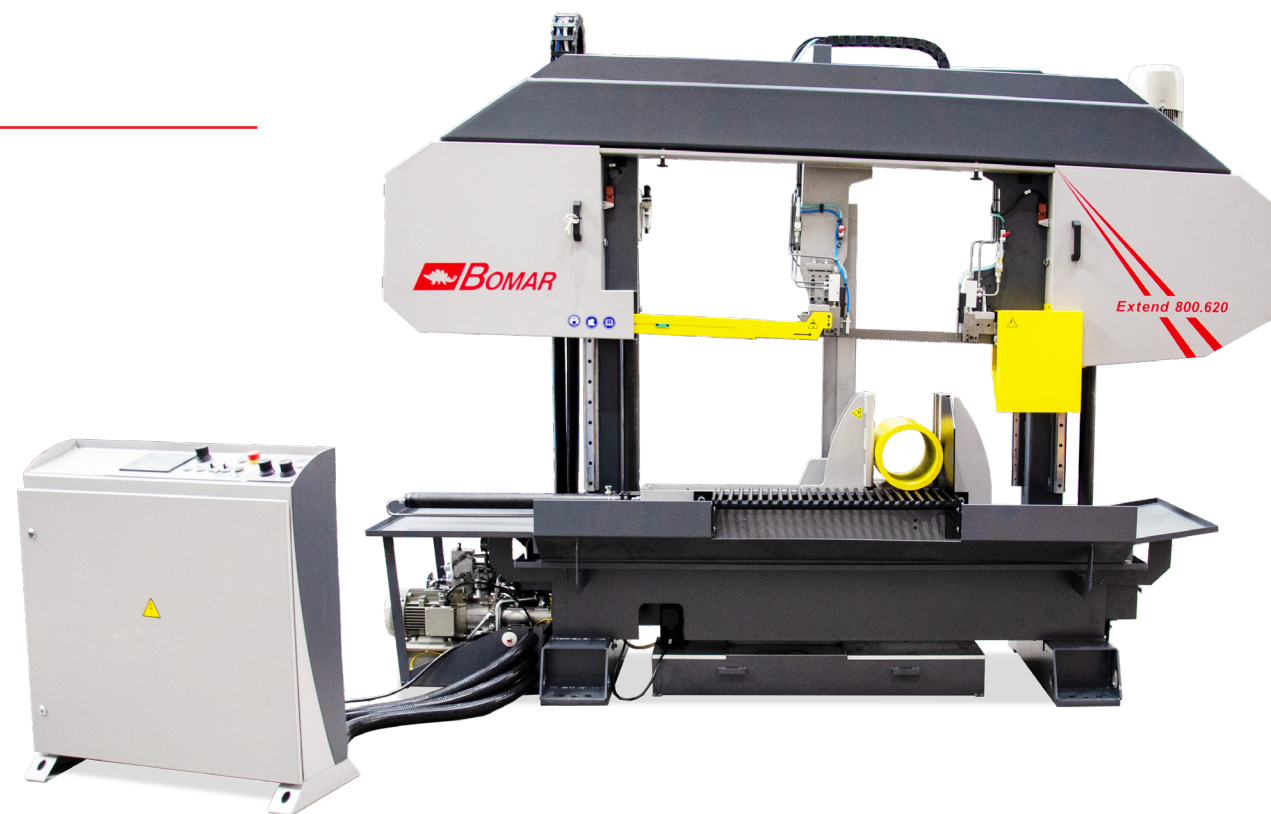
Semiautomatic bandsaws



Semiautomatic



Straight cuts



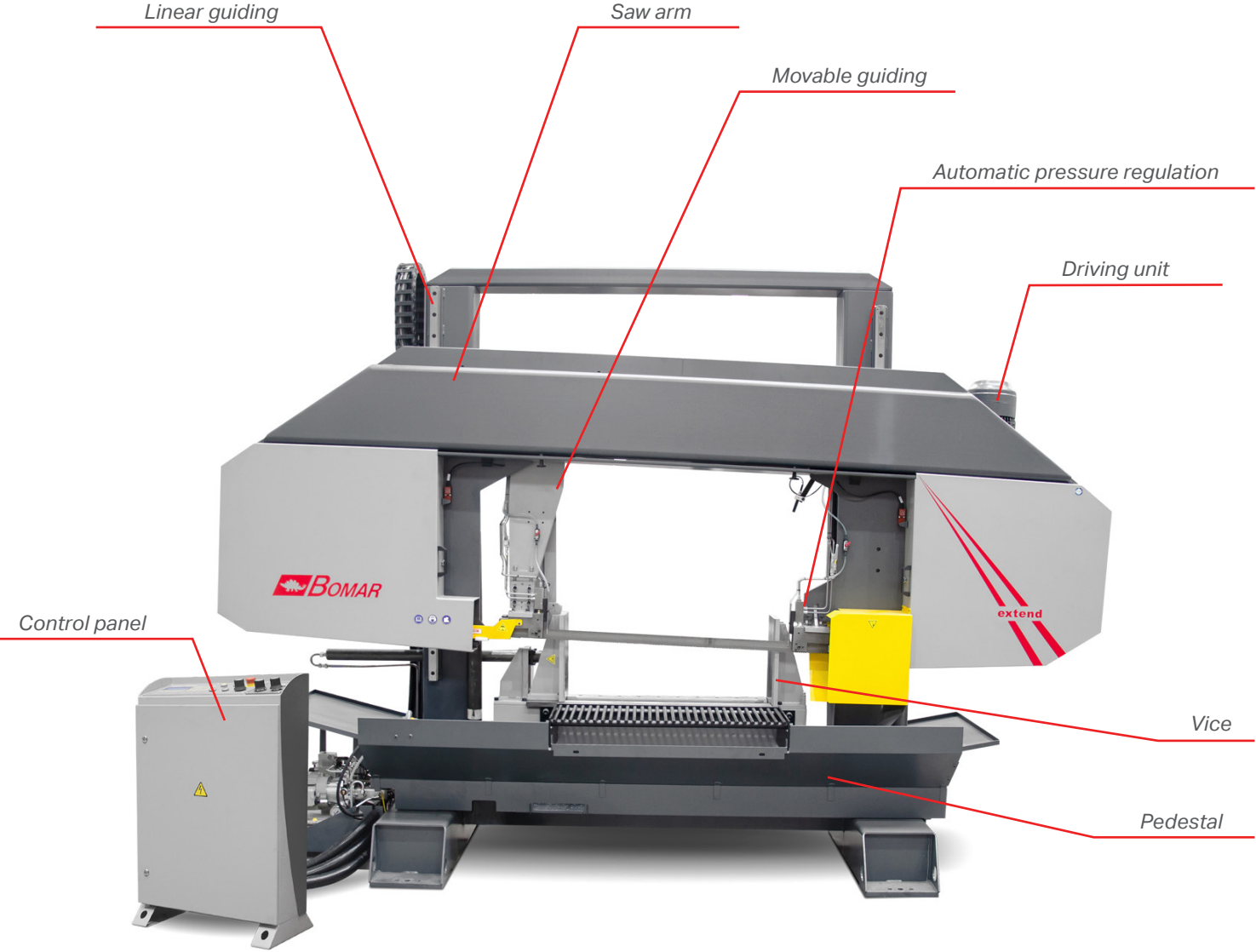
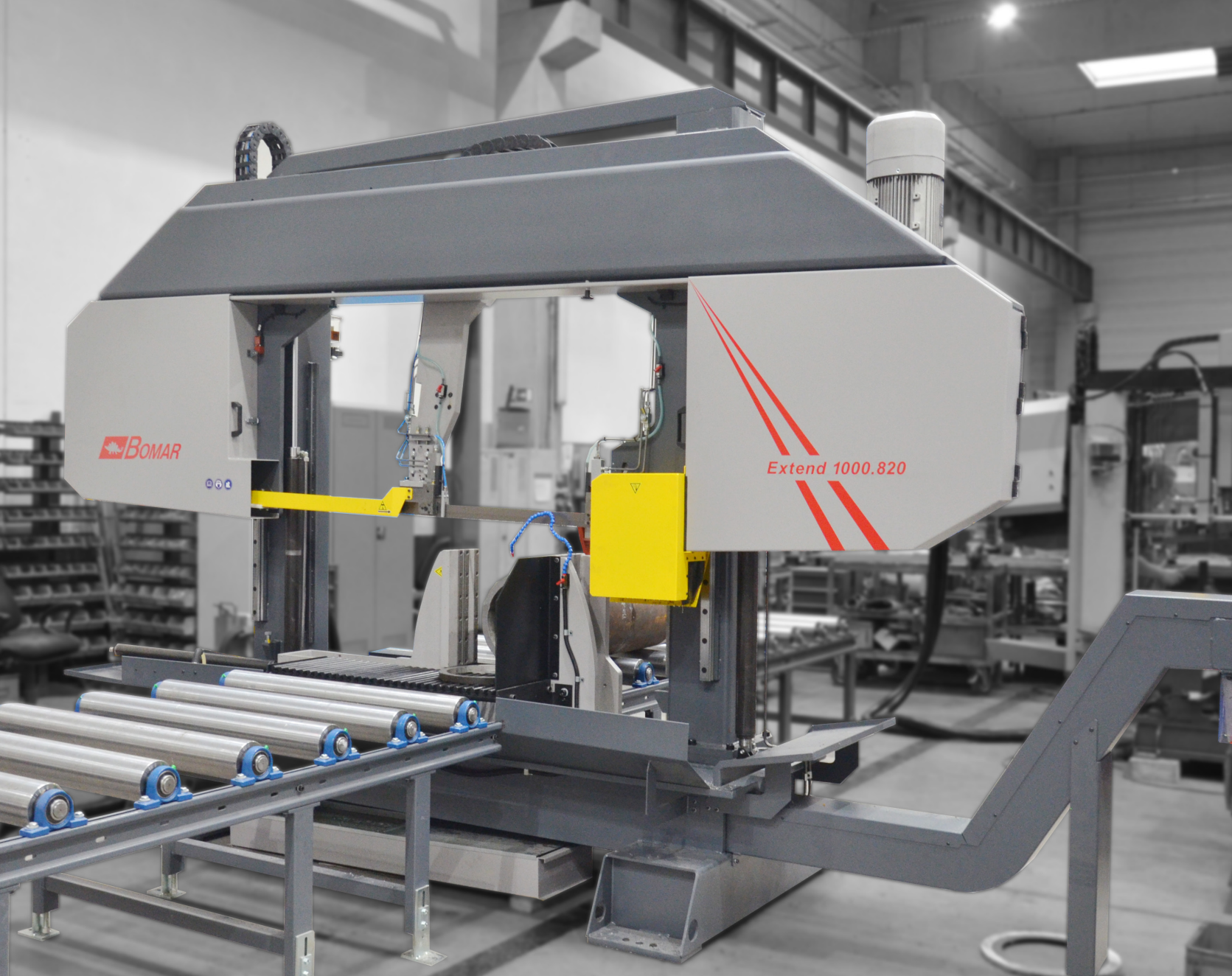
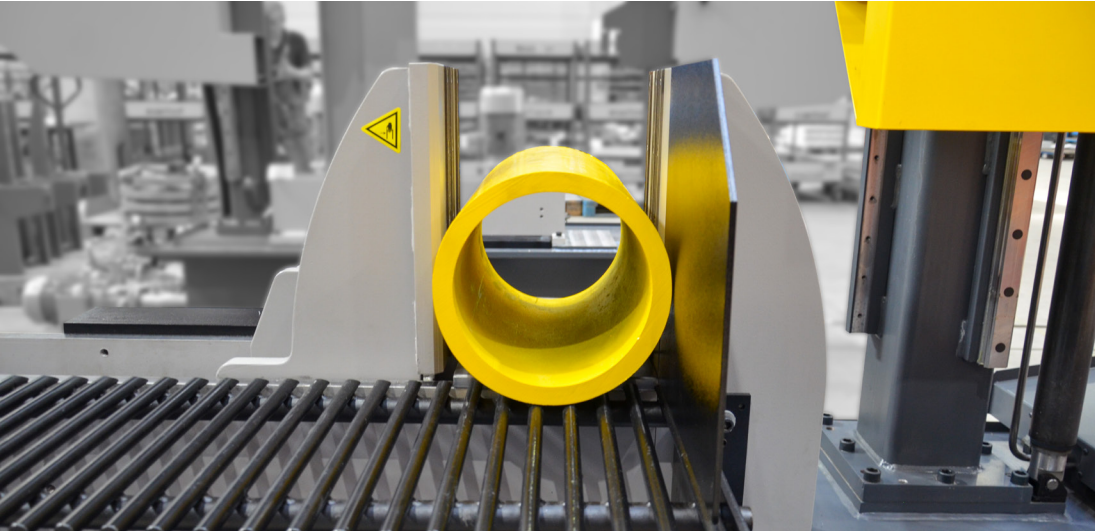
Standard equipment

Semi-automatic bandsaw of double column construction, designed for cutting solid and profiled materials at an angle of 90°. The machine's outstanding cutting performance is the result of the following features: a three-sided hard metal band precision guide, a saw arm mounted on linear guides on both sides and synchronous brush for chip removal. The constructions of all Extend machines are filled with a polymer concrete mix developed by our company.

Material clamping and arm downfeed are hydraulically controlled, while material feeding is manual. The entire working cycle is completed with the press of a single button: the material is clamped, the blade is started, it is cut off, the arm is lifted up to the starting position and the vice is opened.

The material is clamped by a full-stroke vice. The machine is equipped with a frequency converter that allows the optimum blade speed to be set for the material being processed within a range of 20-120 m/min, achieving the best cutting conditions and machine productivity. Automatic pressure regulation of downfeed it to the cut according to the resistance of the material being cut and infinitely variable arm down feed are also standard features. The blade is tilted at an angle of 2° against the vice loading surface for universal use.

Optionally, the arm can be tilted by 6° to produce an even shorter cutting kerf in profiles and supports, significantly reducing cutting times and contributing to longer blade life. Alternatively, the arm can be left at 0° for full material cutting.

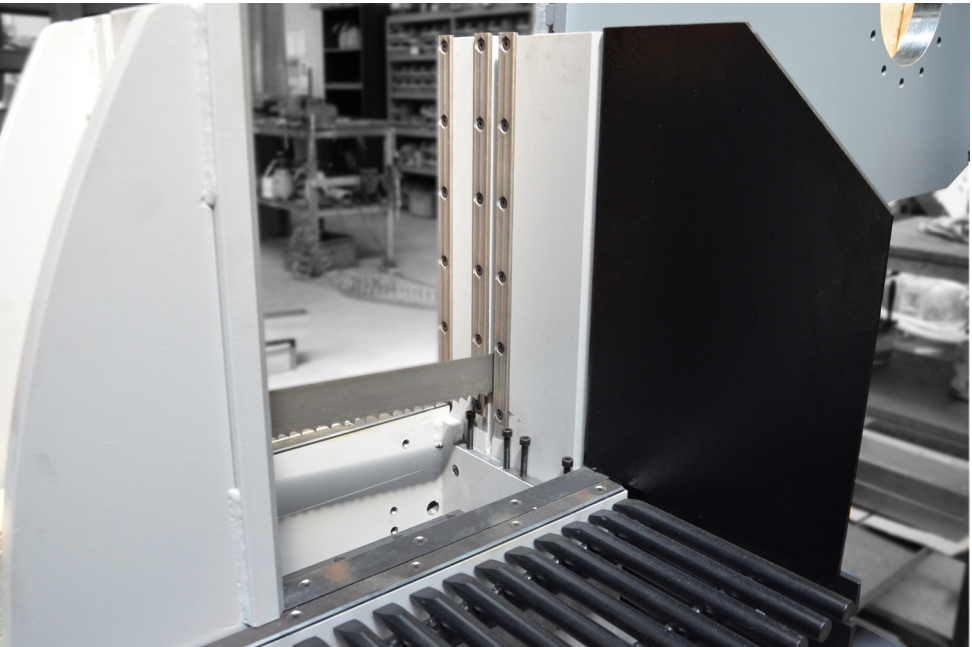


Technical specifications



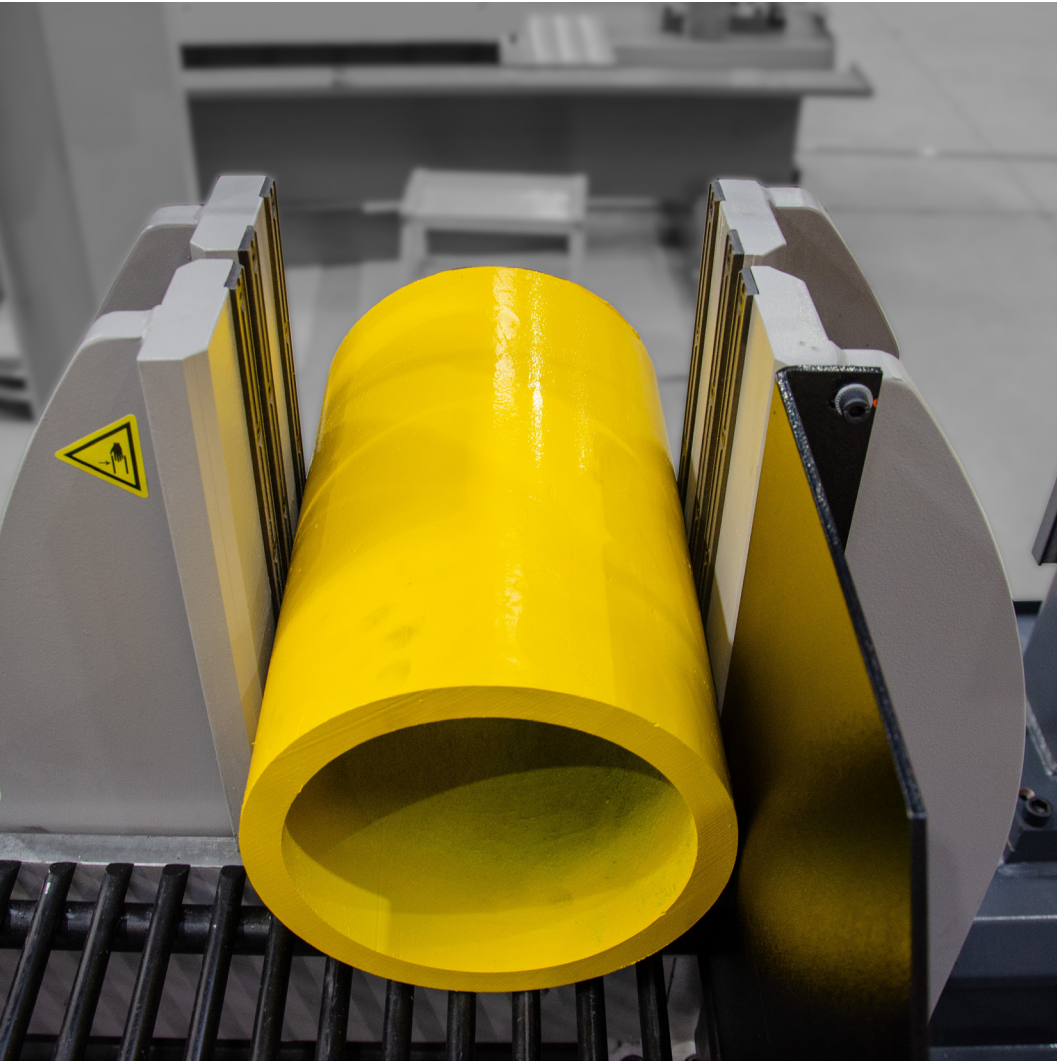
Extend series

						standard / optional
Extend 520	520 × 520 41 × 1,3 × 6660 mm	700 × 520 54 × 1,3 × 6660 mm				4 kW / 5,5 kW
Extend 620	620 × 620 41 × 1,3 × 7300 mm	800 × 620 54 × 1,3 × 7300 mm	1000 × 620 41 × 1,3 × 7700 mm			4 kW / 5,5 kW
Extend 720	720 × 720 54 × 1,6 × 8560 mm	900 × 720 67 × 1,6 × 8560 mm	1200 × 720 54 × 1,6 × 9160 mm	1500 × 720 54 × 1,6 × 9760 mm		5,5 kW / 7,5 kW
Extend 820	820 × 820 54 × 1,6 × 9280 mm	1000 × 820 67 × 1,6 × 9280 mm	1200 × 820 54 × 1,6 × 9680 mm	1500 × 820 54 × 1,6 × 10280 mm		7,5 kW / 9,2 kW
Extend 1120	1120 × 1120 67 × 1,6 × 11120 mm	1320 × 1120 80 × 1,6 × 11120 mm	1600 × 1120 67 × 1,6 × 12080			11 kW / 15 kW
Extend 1320	1320 × 1320 67 × 1,6 × 12530 mm	1600 × 1320 80 × 1,6 × 12530 mm	1800 × 1320 67 × 1,6 × 13110			11 kW / 15 kW
Extend 1520	1520 × 1520 80 × 1,6 × 11200 mm	1800 × 1520 80 × 1,6 × 11760 mm	2000 × 1520 80 × 1,6 × 12160			11 kW / 15 kW
Extend 2020	2020 × 2020 80 × 1,6 × 13200 mm					18,5 kW



More ways how to clamp.

- Single vice
- Double vice
- Split vice



Extend

