

High Production Automatic Carbide Circular Saw

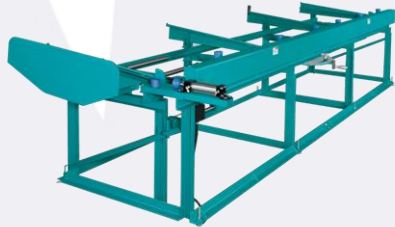


The **Mega CS-120N** is a heavy duty precision cutting machine with excellent repeatability by means of an NC controlled servo motor. Designed for fast cutting of solid stainless steel bar, providing a clean, swarf free billet.

Capacities & Specification (mm)

Capacities	○ 20~120mm □ 20~85mm	Speed	50 ~ 150 RPM
Blade Size	380 x 40 x 2.5	Weight (kg)	3350kg Nett / 3940kg Gross
Dimensions	2290 x 3050 x 2150 (L x W x H)	Motor	20hp

Technical features



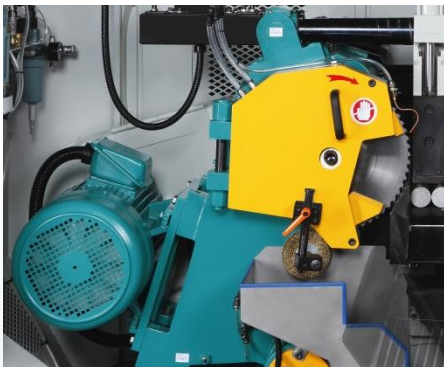
MAGAZINE TABLE

Integrated Material loading station.
Inclined rack with easy adjustment for different sizes.
Standard length – 6 metres.



TOP CLAMP

Overhead material clamp – reduces vibration during sawing operation.
Enables 2 bar cutting to be carried out.



CUTTING HEAD & GEARBOX

Heavy duty CS-120N Anti Backlash type gearbox specifically designed for carbide blade sawing. Eliminates vibration from the cutting tool often caused by backlash in a conventional gearbox. The benefits are a superb cut finish, less noise, faster cutting speed, lower power consumption and increased blade life.



MATERIAL FEED

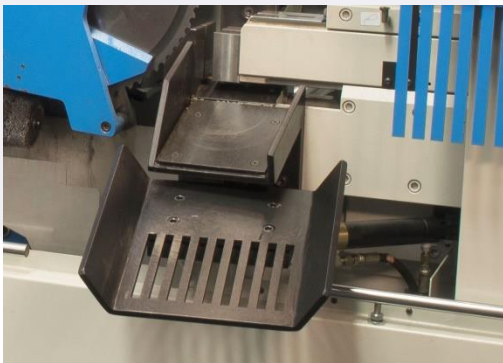
Hydraulic rear vice assembly mounted on chrome rails.
NC servo motor and ball screw feeder for precision accuracy.
Standard feed length 6-600mm, multipass standard.

Technical features continued...



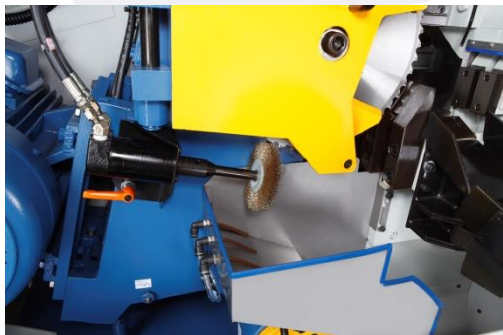
TOUCH SCREEN CONTROL

A full colour screen provides the operator with all necessary functions of the machine programming. With a simple to follow procedure for inputting parameters.



SEPARATING SYSTEM

Automatic separation of trim cut and bar.



POWERED SWARF BRUSH & CONVEYOR

The hydraulic powered swarf brush, coupled with a high-rise swarf conveyor, provides excellent removal of chips from the blade and chip transport from the base of the saw to an external collection point.



OIL MIST LUBRICATION

Oil-mist spray coolant directed at the blade. Cools and lubricates the sawing blade as well as provides an anti-corrosion film on the cut piece. Avoids contamination and environmental problems of traditional flood coolant.

MIST FILTER

CS120S-N Features and upgrade mist filter system. Exceeds the demands of environment friendly production and shows concern for the operators' health and safety.