



# SHARK

## 460 KONNECT

Shark 460 KONNECT, dual column automatic band saw suitable for cutting fabrication, stainless and alloy steel, solid and profile, with max size of 460x460mm.

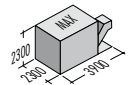
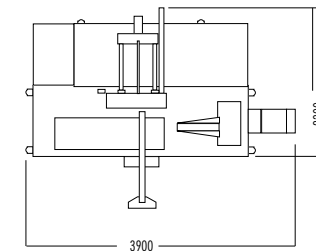
- Dual column automatic band saw SHARK 460 KONNECT is the right solution in case high precision and accuracy is required on large size materials.
- Designed for safety with "saw-in-a-box" style.
- Great accessibility to the saw either for set-up, maintenance and blade change.
- "Operator-free" concept: once material has been loaded on the saw, positioning of vices and saw head is done in automatic according to material size. This minimize the operator's programming and intervention times.
- Panel PC control, Quad core 2.0 GHz, 8 GB Ram, WINDOWS 10 and 17" touchscreen display with user-friendly graphic interface, which supports the operator in the preparation, optimization and processing of machining orders.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 04 - 17 - 18 - 25 - 29 - 33 - 59 - 61 - 62 - 63 - 64 - 67



m/min	kW	kW	mm	kW	l	kW	l	mm	mm	mm	kg	
15÷200	11	15	6350x41x1,3	1,5	60	2x0,18	285	470	0°	460	460	4600





- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Saw head powered by servo motor, mounted on dual post and linear guides with pre-loaded ball bearings granting a continuous check and correction of cutting parameters in real time.
- Self regulation in real time of head down feed rate trough brushless motor.
- Hydraulic power pack to power saw head, main and feeding vices.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Self-aligning feeder vice unit for feeding even strained bars.
- Minimum bar remnant of 120 mm in automatic operation. (OPTIONAL feeder jaws to reduce the remnant to min. 30 mm)
- Driving pulley locked by conical clamping ring to ensure a strong fastening.

- Low voltage control panel installed on a rotating arm to reach the positions to operate safely still keeping the visual control.
- Moveable band saw blade guide on a vertical arm sliding on balls bearing linear guides. Blade driven by carbide pads and vertical anti-vibration rollers.
- Automatic blade tensioning trough servo motor.
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
- Blade deviation.
- Laser projector to position the bar accurately to carry out non-standard or facing cuts.
- Band rotation control with stop in real time in case of blade jammed.
- Blade tensioning trough a servo system constantly monitored during the cycle.
- Coolant tank inside the steel base with two electric pumps to lubricate and cool off the band saw blade.
- Two coolant pumps to ensure high cutting liquid quantities (120 l/min) to cool down the band saw blade and wash away chips from the working area, soas to guarantee a longer blade life.

- Wash gun to clean the working area.
- Blade brush.
- Chip conveyor.
- Sound and flashing indicator for machine alarms.
- Machine preset for being handled by lift truck.
- Bi-metal band saw blade for solids and profiles.
- Service keys and instructions manual, for maintenance and spare parts list.

