EN

INDUSTRY

MEP

CATALOGUE

INDUSTRY

MEP GROUP

The MEP Group today represents the latest stage in the evolution of the know-how, technology and values that MEP has developed over a period of 50 years.
The MEP Group is present on all major markets and is a leader in those of most importance. The group has production plants in Italy, Canada, the USA and China which produce around 12,000 machines a year. MEP products are sold in over 50 nations around the world thanks to close collaboration with highly qualified local distributors and/or directly controlled subsidiaries (China and Brazil).
The MEP Group's extensive product range satisfies the needs of a wide variety of customers. The range includes manual, numeric control, semi-automatic and fully automatic machines with cutting capacities of up to 1500 mm.

MEP AROUND THE WORLD

MEP SPA
Pergola (PU)
Italy

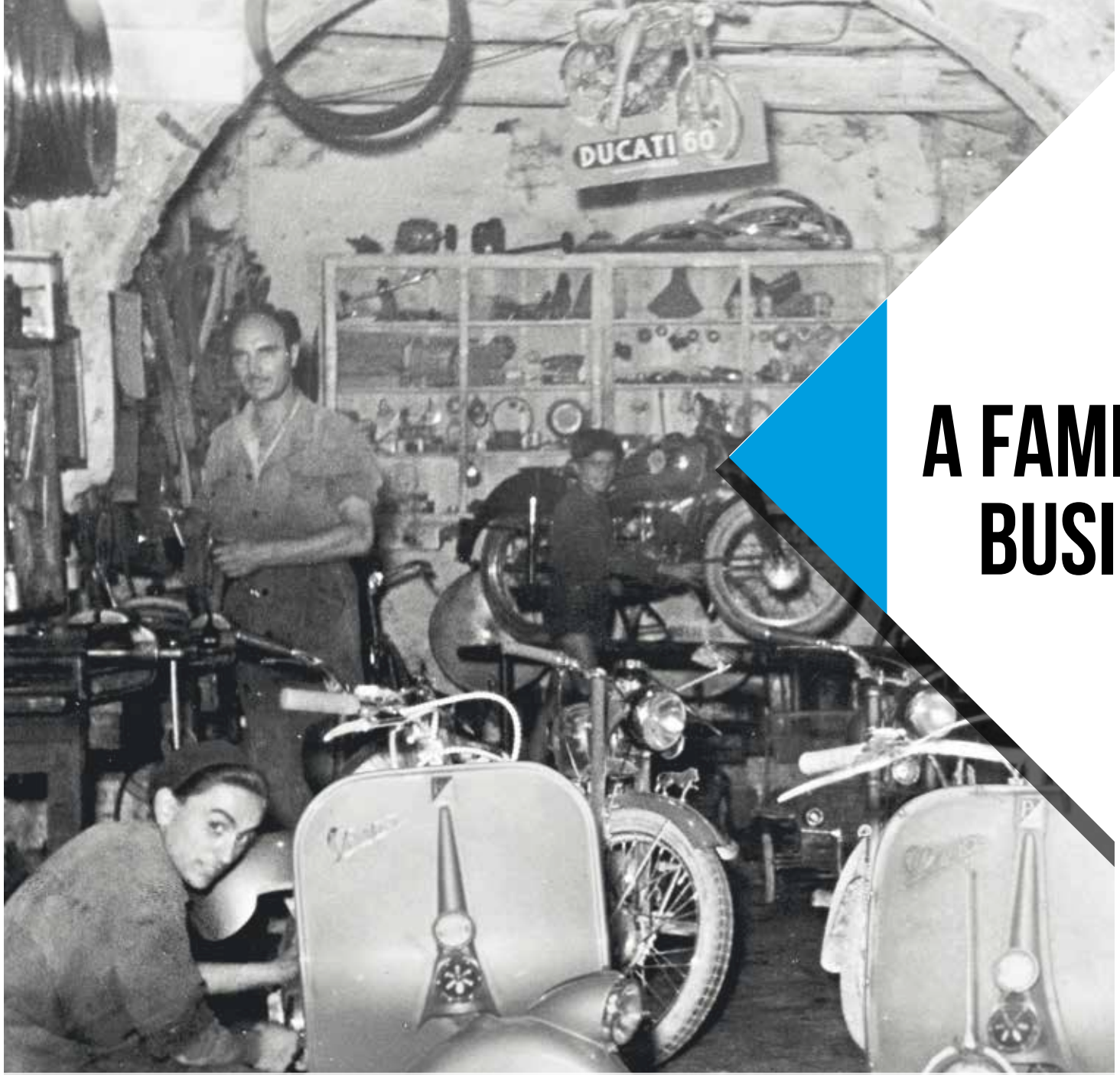
MEP DO BRASIL LTDA.
San Paolo - SP
Brazil

MEP (SUZHOU) CO. LTD
Suzhou
P.R. China

HYDMECH
Woodstock, ON
Canada

HYDMECH INC.
Conway, AR
USA

A FAMILY BUSINESS



WORKSHOP Enzo Magnani 1959

The TV 300 was MEP's first series-made abrasive disc cutting machine.

MADE WITH COMMITMENT AND PASSION

The MEP Group has firm roots in one of the many entrepreneurial families that thrive in a region rich in hard-working people, history and art.
It all began in a small workshop in the historical centre of Pergola, a town in the province of Pesaro-Urbino, in the Marche region of Italy.
Enzo Magnani began his career as a mechanic, exploiting the skills he had acquired with British and American forces based in Italy during the Second World War. The ingenuity he showed in his small workshop led to the creation of the first sawing machine, which proved so efficient that it was soon being ordered by small companies working in neighbouring towns. The business really began to expand when Enzo invited his son Ezio, still a young man, to join him.

Ezio, supported on the organisation side by Giampaolo Garattoni, another new partner, began boosting sales and also took over the technical development of products and processes, becoming a key figure for all involved.

Unfortunately, Enzo Magnani passed away at the age of only 52, and never saw the many future achievements of the company he had started.
His death was untimely indeed because the company was just beginning its journey down a road that would see it expand from a local business to a major global competitor, acquiring and forming various other companies to create the MEP Group.

ENZO MAGNANI

EZIO MAGNANI

LEGEND

	cutting mode AUTOMATIC
	cutting mode SEMI-AUTOMATIC
	cutting mode SEMI-AUTOMATIC DYNAMIC
	cutting mode Cut Control System
	cutting mode MANUAL
	ELECTROHYDRAULIC
	ELECTROPNEUMATIC
	ELECTROMECHANIC

INDEX

BANDSAWING MACHINES

SHARK 332 RC KONNECT 03
SHARK 350 NC HS 5.0 05
SHARK 350 CNC HS 4.0 07
SHARK 420 CNC HS 4.0 09
SHARK 660 CNC HS 4.0 11
SHARK 512 SXI evo 13
SHARK 652 SXI H 5.0 15

VERTICAL SAWING MACHINES FOR METALS

TIGER 372 CNC LR 4.0 17
TIGER 372 CNC LR 4.0 RC 19
TIGER 402 CNC HR 4.0 21
TIGER 402 CNC HR 4.0 RC 23

LOADING MAGAZINE

CB 6001 25

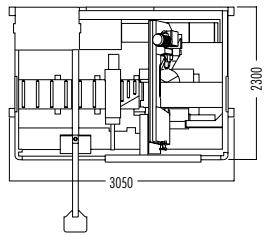
OPTIONALS 27
TECHNICAL FEATURES 33

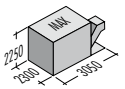
SHARK
332 RC KONNECT

The SHARK 332 RC KONNECT band sawing machine, fully automatic and with programmable double cutting angle, maximizes safety and power for reliable performance and intelligent production that is always efficient.
-Automatic hydraulic mitring band sawing machine, with double cutting angle between -60° and +60°, with automatic and semi-automatic cycle operation for cutting iron pipes, profiles and beams.
- "Operator-free" operation: with the self-positioning of the operating head and the vices, the automatic management of the scrap and the facing cut, the machine operation is fully automated, thus minimizing the operator's programming and intervention times.
- Programmable automatic rotation of the operating head between -60° and +60° for symmetrical and asymmetrical cuts with brushless motor, which allows precise control in speed, torque and position.

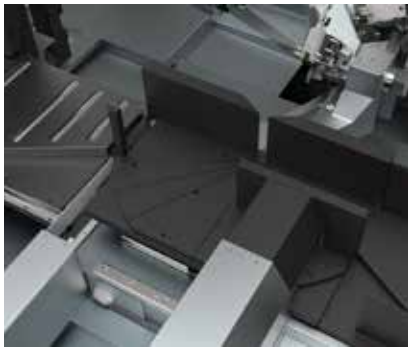
OPTIONALS FROM PAG 27 - N° 01 - 03 - 25 - 29

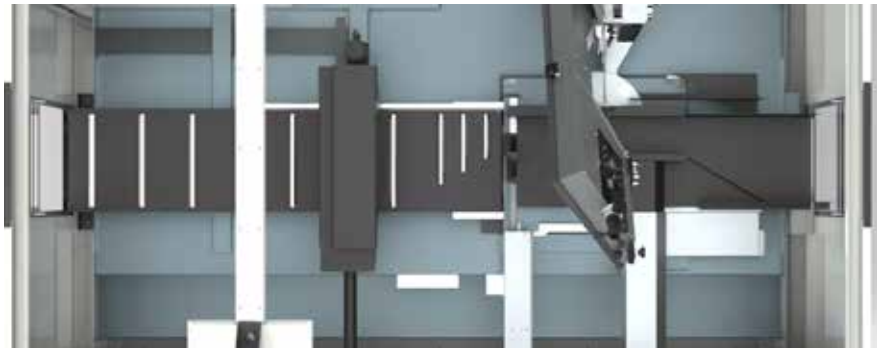
		inverter								OIL					
m/min	kW	kW	mm		mm	mm	mm	mm	kg	kW	l	kW	l	mm
15÷100	2.2	3.0	3770x27x0.9	0°	310	300	330x300	230x310	2800	1,1	70,0	2x0,15	140	330
				+45°	250	230	250x130	220x300						
				+60°	160	155	160x80	140x290						
				-45°	200	180	200x160	130x280						
				-60°	130	110	140x80	40x250						

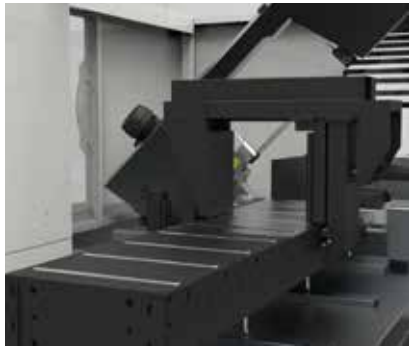




- Cutting force control by means of an electric cylinder driven by brushless motor; the combination of the servomotor with ball-recirculating screw guarantees a precise control of the cutting dynamics with an immediate feedback response to all stress variations generated during chip removal.
- Double vice for optimal bar management: the movable vice automatically positions itself according to the programmed cutting angles, reducing the machine set-up times; the fixed vice contributes to better clamping while cutting and ensures that the position of the fed material is not lost during the feeder out-of-size.
- Rotating table mounted on a preloaded one-turn base fifth wheel to ensure a high number of automatic revolutions of the operating head.
- "Modular feeding system with 1500 mm stroke (repeatable to cut at any length); the rigid steel gantry structure and the brushless motor with transmission by pinion and helical teeth rack guarantee an accurate and precise positioning. It is possible to extend the stroke of the feeder to 3000 mm or 4500 mm. (OPTIONAL).
- Electronic transducer for blade tensioning, which guarantees a higher cutting precision and promotes a longer blade life.
- Electronic inverter for the continuous adjustment of the band speed - from 15 to 100 m/min.
- Latest generation hydraulic control unit, with high efficiency and low energy consumption.
- Cast iron structure of the operating head which gives maximum cutting stability and longer blade life.
- Blade-cleaning brush device for a constant cleaning of the blade for a longer life.
- Fully enclosed sawing machine that ensures maximum operator safety while maintaining excellent visibility and accessibility to all working areas.
- Panel PC control installed on an articulated arm to be easily moved, ensuring to control all commands in every operating position.
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.
Remote service minimizes downtime and service costs.
- IOT - INDUSTRY 4.0 Ready (optional).
- MES (optional)
- Machine preset for being handled by lift truck.
- Bimetallic band, 3770 x 27 x 0.9 mm.
- Keys, manual of instructions and for ordering spare parts.





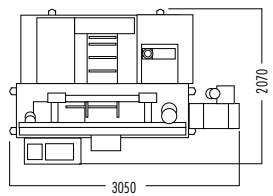


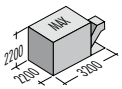
SHARK
350 NC HS 5.0

SHARK 350 NC HS 5.0, electrohydraulic automatic double-column bandsaw for 0° cuts on profiles and solid parts in structural, stainless and alloy steels, for dimension up and in between 350mm x 350mm
Standard machine features:
+ Motorized chip conveyor which can be assembled on the left or right hand side of the machine
+ Variable vice pressure allow to set the clamping force
+ Two vertical rollers assembled on the feeding vice to help align the material
- Numeric controlled machine CNC MEP 50-Windows "CE" based, that has been specifically designed by MEP for the automation of its range of products.
- "Clean cut" cycle
The feeding vice moves backwards the material once the cut has been completed . This eliminates any scratches caused by the blade during its return to its starting position
- Field bus control system with double microprocessor with serial connection

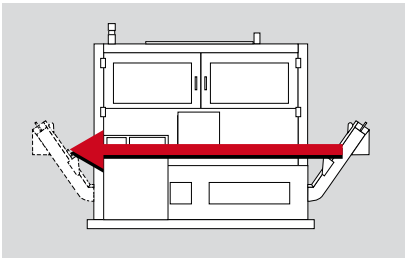
OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 04 - 17 - 18 - 19 - 20 - 25 - 29 - 43 - 49 - 50 - 51

	m/min	kW	kW	mm		mm	mm	kg	kW	l	kW	l	mm
STANDARD	15÷115	4,0	5,5	4640x34x1,1	0°	350	350	2800	1,1	70,0	2x0,18	230	355
OPTIONAL	15÷200	5,5	11,0	4640x34x1,1									
	15÷115	5,5	11,0	4640x41x1,3									
	15÷200	5,5	15 ,0	4640x41x1,3									





- 7” touch screen display operator interface and push buttons for all functions of the sawing machine.
It is simple and intuitive, it guarantees a reliable use and it controls all cutting parameters in real time.
- Automatic acquisition of the actual starting point of the cut
- Cnc machine that enables to memorize a maximum of 10 cutting programs, each with different quantities and lengths.
- Structure in sturdy cast iron G25, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Cutting head downfeed movement with hydraulic cylinder on linear guides with recirculating ball bearings
- Hydraulic power pack to supply the saw frame and the feeding and cutting vices.
- Infinitely adjustable cutting speed from 15 to 115 m/min controlled by an AC inverter drive system
- Feeding length up to 600mm in a single stroke driven by a stepper motor and ball screw assembly.
- Rest piece that can no longer be fed in by the feeding vice : 120 mm.
(Optional feeding vice jaws in order to reduce the restpiece down to 25mm+cutting length).
- Blade deviation (Optional)
- Self-aligning feeder vice unit for feeding even not straight bars
- Driving pulley locked by conical clamping ring to ensure a strong fastening still allowing axial adjustment
- Software to control/assess/correct in real time:
- cutting force – cutting torque and band tensioning against the programmed values
- Adjustable steel blade-guide heads, with roller and carbide pads, coolant taps for the traditional lubrication
- Machine predisposed to install a mist lubrication system (OPTIONAL).
- Idler pulley movement from the keyboard to replace the band easily
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut
- Work lamp and 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.
- Electro-mechanical servo-system for the blade dynamic tensioning.
- Coolant tank incorporated in the base
- Two coolant pumps to ensure high cutting liquid quantities (120 l/min) to cool down the band and wash up chips from the working area, so as to guarantee a longer blade life.
- Wash gun to clean the working area
- Sound and flashing indicator for machine shut-downs.
- Machine preset for being handled by lift truck or crane.
- Bimetal band for the cut of profiles and solid pieces.
- Service keys and instructions manual, for maintenance and spare parts list.

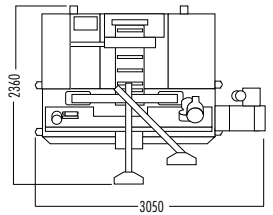


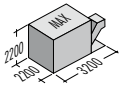
SHARK
350 CNC HS 4.0

Shark 350 CNC HS 4.0, automatic double-column bandsaw for 0° cuts on structural, stainless and alloys steels, profiles and solid parts, with dimensions up to 350x350 mm.
Standard machine features:
+ Motorized chip conveyor which can be assembled on the left or right handside of the machine
+ Variable vice pressure allow to set the clamping force
+ Two vertical rollers assembled on the feeding vice to help align the material
- CNC machine with MEP 40 controller that has been specifically designed by MEP for the automation of its range of products.
- This sawing machine also features a semiautomatic cutting cycle and uses latest generation technologies; indeed, Shark 350 CNC HS 4.0 is equipped with a controller with processor RISC 32 bit 200 MHz with integrated interface to:
- Install a GSM card (OPTIONAL) to send an SMS to the programmed number notifying the type of emergency occurred while the machine was operating unattended.
- Connect to an Ethernet network for the remote assistance service.
- Get software updates and changes by e-mail, that are transferred to USB port by SD or MMC card and

OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 04 - 18 - 19 - 20 - 25 - 29 - 33 - 43 - 49 - 50 - 51

	m/min	kW	kW	mm		mm	mm	kg	kW	l	kW	l	mm
STANDARD	15÷115	5,5	11,0	4640x34x1,1	0°	350	350	2800	1,1	70,0	2x0,18	230	355
OPTIONAL	15÷200	5,5	11,0	4640x34x1,1									
	15÷115	5,5	11,0	4640x41x1,3									
	15÷200	5,5	15 ,0	4640x41x1,3									

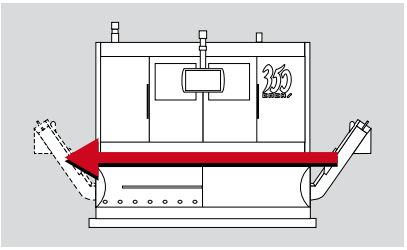


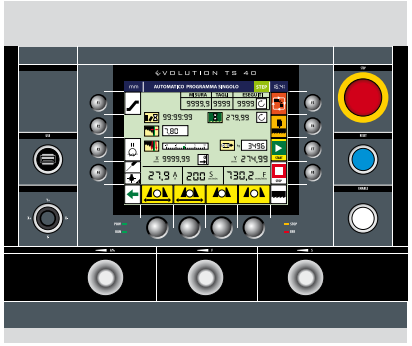


later on the control memory, through the suitable slot on the control console.
- Choose in the library (that can be extended by the user) the material type, geometry and hardness, the type of blade to be used and the control automatically sets the feed rate and the band rotation speed.
- When equipped with sensors (OPTIONAL) that read the beginning and end of the bar , the CNC control activates 3 cycles :
1- Progressive feeding cycle:
Cuts progressively all the length of pieces that are obtained in one stroke (600mm) which brings down cutting times.
2- Feeding rest piece cycle
The rest piece which no longer can be automatically fed is located by sensors and fed again.
3- Cutting cycle "recuperating rest piece" this cuts bars at the front and back having the back part of the bar sufficient in order to obtain the last length programmed but insufficient to complete the cut. The CNC control makes it possible to cut the scrap piece keeping blocked the good piece.
Cutting cycle : clean cut
The feeding vice moves backwards the material once the cut has been completed . This eliminates any scratches caused by the blade during its return to its starting position.

8" touch screen display operator interface and pushbuttons for all functions of the sawing machine. It is simple and intuitive with a self-learning feature, it guarantees a reliable use and it controls all cutting parameters in real time.
- The limits of the head stroke are programmed through the console, depending on the dimensions of the bars to be cut.
- CNC machine to store up to 300 cutting programs each with different quantity and length.
- Structure in sturdy cast iron, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Cutting head downfeed movement with brushless motor and 40mm diameter recirculating ballscrew-nut, in order to obtain the maximum rigiditiy during the cut and to control and check the cutting parameters inputted in real time.
- Hydraulic power pack to supply the saw frame and the feeding and cutting vices.
- Infinitely adjustable cutting speed from 15 to 115 m/min by vector inverter.
- Bar feeder with recirculating ballsscrew/nut and stepper motor, feed in length in one stroke 600 mm, that can be repeated in order to cut any length).
- Minimum bar remnant of 120 mm in automatic operation. (OPTIONAL feeder jaws to reduce the remnant to min. 25 mm)
- Self-aligning feeder vice unit for feeding even not straight bars.
- Driving pulley locked by conical clamping ring to ensure a strong fastening still allowing axial adjustment.
- Software to control/assess/correct in real time:
- cutting force – cutting torque and band tensioning against the programmed values.
- Low voltage control panel installed on a rotating arm to reach the positions to operate safely still keeping the visual control.
- Adjustable steel blade-guide heads, with roller and carbide pads, coolant taps for the traditional lubrication and preset to install the mist lubrication (OPTIONAL).
- Idler pulley movement from the keyboard to replace the band easily.
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
-Work lamp and 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.
- Electro-mechanical servo-system for the blade dynamic tensioning.
- Blade deviation (OPTIONAL)
- Coolant tank incorporated in the base.

- Two coolant pumps to ensure high cutting liquid quantities (120 l/min) to cool down the band and wash up chips from the working area, soas to guarantee a longer blade life.
- Wash gun to clean the working area.
- Blade brush.
- Sound and flashing indicator for machine shut-downs.
- Machine preset for being handled by lift truck.
- Bimetallic band for profiles and solid pieces.
- Service keys and instructions manual, for maintenance and spare parts list.



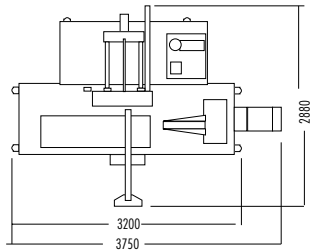


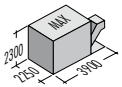
SHARK
420 CNC HS 4.0

Shark 420 CNC HS 4.0, automatic double-column bandsaw for 0° cuts on structural, stainless and alloy steels, profiles and solid parts, with dimensions up to 420x420 mm.
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products
- This sawing machine also features a semiautomatic cutting cycle and uses latest generation technologies; indeed, Shark 420 CNC HS 4.0 is equipped with a NEW controller with processor RISC 32 bit 200 MHz with integrated interface to:
- Install a GSM card (OPTIONAL) to send an SMS to the programmed number notifying the type of emergency occurred while the machine was operating unattended.
- Connect to an Ethernet network for the remote assistance service.
- Get software updates and changes by e-mail, that are transferred to USB port by SD or MMC card and later on the control memory, through the suitable slot on the control console.
- Choose in the library (that can be extended by the user) the material type, geometry and hardness, the type of band to be used and the control automatically sets the feed rate and the band rotation speed.

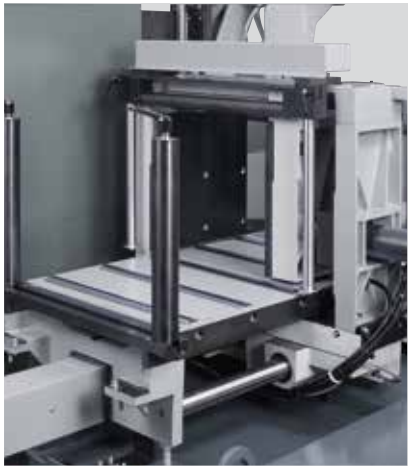
OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 04 - 20 - 21 - 22 - 25 - 29 - 43 - 48 - 52

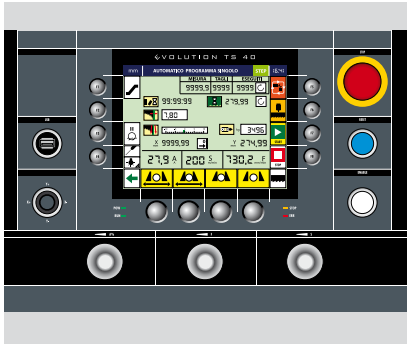
	m/min	kW	kW	mm	kW	l	kW	l	mm		mm	mm	kg
	15÷115	9,2	11	6100x41x1,3	1,5	60	2x0,18	285	430	0°	420	420	4250
OPTIONAL	15÷200												





OTHER FEATURES
- The limits of the head stroke are programmed through the console, depending on the dimensions of the bars to be cut.
- CNC machine to store up to 300 cutting programs each with different quantity and length.
- Structure in sturdy cast iron, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Saw frame movement with a brushless motor and with recirculating ballscrews-nut, with hydraulic compensation of the cutting head.
- The head movement by means the linear guides with ball-recirculating pre-charged slides.
- Hydraulic power pack to supply the feeding and cutting vices.
- Infinitely adjustable cutting speed from 15 to 115 m/min by vector inverter.
- Bar feeder with recirculating balls screw/nut and stepper motor, (feeding length in one stroke 600 mm, that can be repeated in order to cut any length).
- 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. 25mm)
- Driving and idler pulley locked by conical clamping ring to ensure a strong fastening.
- Software to control/assess/correct in real time:
- cutting force – cutting torque and band tensioning against the programmed values.
- Low voltage control panel installed on a rotating arm to reach the positions to operate safely still keeping the visual control.
- 8" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive, with a self-learning feature it guarantees a reliable use and it controls all cutting parameters in real time.
- Adjustable blade-guide heads in steel, with roller and carbide pads, coolant taps for the traditional lubrication and preset to install the mist lubrication (OPTIONAL).
- Idler pulley movement from the keyboard to replace the band easily.
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
- Blade deviation device.
- 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.
- Electro-mechanical servo-system for the blade dynamic tensioning.
- Coolant tank incorporated in the base.
- Two coolant pumps to ensure high coolant flood (120 l/min) to cool down the band and wash up chips from the working area, so as to guarantee a longer blade life.
- Wash gun to clean the working area.
- Powered blade brush.
- Chip conveyor.
- Sound and flashing indicator for machine alarms.
- Machine preset for being handled also with lift truck.
- Bimetallic band for profiles and solid pieces.
- Service keys and instructions manual, for maintenance and spare parts list.



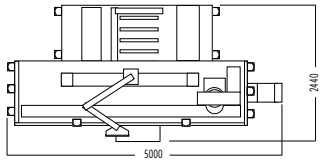


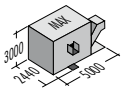
SHARK
660 CNC HS 4.0

Shark 660 CNC HS 4.0, automatic double-column bandsaw for 0° cuts on structural, stainless, alloy steels, profiles ,solid parts and profiles with dimensions up to 660x660mm.
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products.
- This sawing machine also features a semiautomatic cutting cycle and uses latest generation technologies; indeed, Shark 660 CNC HS 4.0 is equipped with a NEW controller with processor RISC 32 bit 200 MHz with integrated interface to:
- Install a GSM card (OPTIONAL) to send an SMS to the programmed number notifying the type of emergency occurred while the machine was operating unattended.
- Connect to an Ethernet network for the remote assistance service.
- Get software updates and changes by e-mail, that are transferred to USB port by SD or MMC card and later on the control memory, through the suitable slot on the control console.
- Choose in the library (that can be extended by the user) the material type, geometry and hardness, the type of band to be used and the control automatically

OPTIONALS FROM PAG 27 - N° 1 - 2 - 3 - 4 - 20 - 25 - 29 - 40 - 41 - 42

m/min	kW	kW/A	mm	kW	l	kW	l	mm		mm	mm	kg
15÷200	15,0	22,0/47	STANDARD 8400x54x1,6 OPTIONAL 8400x67x1,6	3,7	72	2x0,37	340	670	0°	660	660	9000



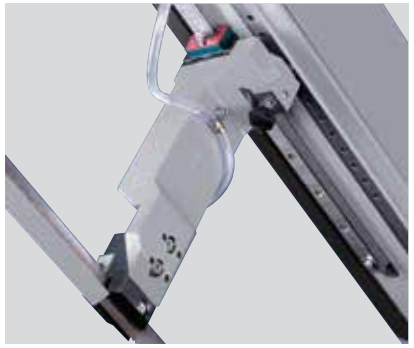


sets: position of the cutting head , feed rate and the blade rotation speed.
OTHER FEATURES:
- 8" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive, with a self-learning feature it guarantees a reliable use and it controls all cutting parameters in real time.
- Automatic acquisition of the actual starting point of the cut.
- CNC machine to store up to 300 cutting programs each with different quantity and length.
- Structure in sturdy cast iron, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Cutting head downfeed movement with 2 brushless motors and with recirculating ballscrews-nut, with hydraulic compensation of the cutting head.
- The cutting head movement is with linear guides and ball-recirculating pre-loaded slides.
- Hydraulic power pack to supply the feeding vices, cutting vices and carbide pads.
- Infinitely adjustable cutting speed from 15 to 200 m/min by vector inverter.
- Bar feeder with recirculating balls, screw/nut and stepper motor (feeding length in one stroke 760 mm or 30" that can be repeated in order to cut any length)
- Self-aligning feeder vice unit for feeding even strained bars.
- Rest piece that can no longer be in-feeded automatically by feeder: 70mm.
- Driving and idler pulley locked by conical clamping ring.
- Software to control/assess/correct in real time:
- cutting force – cutting torque and band tensioning against the programmed values.
- Control panel, with and adjustable frame, assembled on a rotating arm.
- Adjustable blade guide blocks. This system, that guides the blade, is a combination of pre-charged rollers and carbide inserts.
- Idler pulley movement from the keyboard to replace the band easily.
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
- Blade deviation device.
- 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.
- Electro-mechanical servo-system for the blade dynamic tensioning.
- Coolant tank incorporated in the base.
- Blade cooling with lubricating oil by means of two coolant pumps. Each pump has a 120l/min flow rate.
- Wash gun to clean the machine.
- Powered blade brush.
- Chip conveyor.
- Sound and flashing indicator.
- Bimetallic band for profiles and solid pieces.
- Service keys and instructions manual, for maintenance and spare parts list.

SHARK
512 SXI EVO

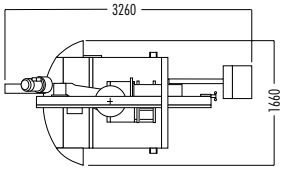
SHARK 512 SXI evo, semi-automatic electro-hydraulic sawing machine with 4640x34x1,1 mm band, to cut pipes, profiles and beams up to 510x320 mm at 0°.
- Extremely versatile machine, for cuts between +60° and -60°.

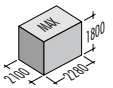
CUTTING CYCLE:
after having positioned the bar, starting the cycle the following operations are performed: vice closing - motor start - head descent for cutting – motor stop - head return - vice opening.
- CYLCE DOWN UP: Operating in semiautomatic cycle, the new function DOWN makes the head and blade motor stop once the cut is finished with the vice closed, by pressing the UP button the head raises back to its starting point and the vice opens.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 07 - 11 - 12 - 31 -53 - 54 - 55

mm	kW	m/min	mm	kg		O	H	⌊
4640x34x1,1	4,0	15÷100	515	1190	0°	330	320	510x320
					+ 45°	320	320	350x320
					+ 60°	230	230	220x310
					- 45°	320	320	350x320
					- 60°	250	250	240x320





A FEW FEATURES:
- Console with all centralized controls, installed on an articulated arm to follow the operator in every operating position for the controls and the EMERGENCY.
- Latest generation hydraulic control unit, with high efficiency and low energy consumption.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Low voltage soft keyboard, in polyester, with thermo-shaped buttons, with tactile feeling and sound signal when operating.
- Display for the following messages: + diagnostic + alarms (cause description) + input and output status + cut counting + time spent for the cut made + blade motor absorption + blade tension + blade speed + numeric displaying of the head position.
- Electronic inverter for the continuous adjustment of the band speed from 15 to 100 m/min.
- Rotating table, with etched accuracy graduation, tilting on a roller bearing with 280-mm diameter.
- Wide supporting surface for the max. safety and stability while cutting.
- The bar support with roller, on the left of the cutting table, slides on linear guide with ball recirculation, so that it can be easily moved to cut up to the max. angles without any disassembly.
- Hydraulic vice with fast sliding approach, movable on linear guides with ball recirculation.
- Manually-operated blade tensioning through electronic transducer.
- Vertical support of the movable head with manual adjustment, sliding on linear guide with ball recirculation.
- Wire chip brush.
- Electric pump for the band lubrication and cooling.
- Coolant pistol to keep working surfaces clean.
- Coolant tank inside the steel base and chip drawer.
- Machine arranged for handling with lifter.
- Bi-metal band for solids and sections.
- Service keys and instructions manual for maintenance and spare parts list

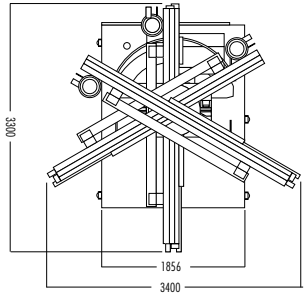
SHARK
652 SXI H 5.0

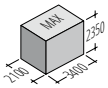
SHARK 652 SXI H 5.0, dual column electro-hydraulic band saw, equipped with blade 6700x41x1,3mm specifically designed to cut pipes and beams up to max 650x450mm at 0° and can miter from +60° up to -60°.
The machine is available in two versions both equipped with a simple touch screen and the latest MEP controller which is designed exclusively for all our sawing machines.
- MANUAL POSITIONING (manual rotation of the head with a hand lever and a hydraulic brake to lock the head into position; the cutting angle is visualized on a display).
- AUTOMATIC POSITIONING (programming of the cutting angle from the electrical panel with automatic hydraulic locking system).
In the AUTOMATIC POSITIONING feature the cutting angle is determined by means of a gear/chain system and 2 cutting cycles are available.
A) AUTOMATIC CYCLE for cuts only at one angle
B) AUTOMATIC CYCLE for cuts with 2 angles programmed to be initiated alternatively.
To make the angle setting easier both versions A and B can be equipped with a pair of pop-up hydraulic rollers (one for the infeed and one for the outfeed). This avoids the material scraping onto the turn table when mitering (OPTIONAL).

OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 04 - 29 - 36 - 37

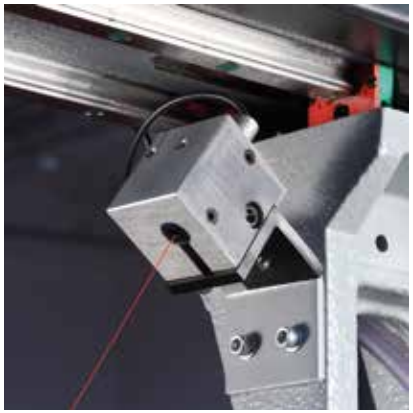
	mm	kW	m/min	mm	kg
652 SXI H 5.0	6700x41x1,3	9,2	15÷150	650	3300

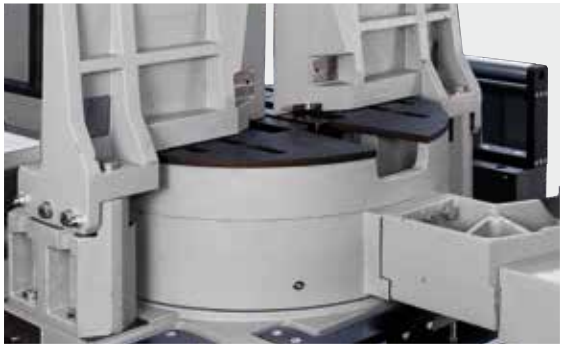
- 0 +	O	H	⌴
0°	450	450	650x450
+ 45°	400	400	400x450
+ 60°	250	250	250x450
- 45°	400	400	400x450
- 60°	250	250	250x450





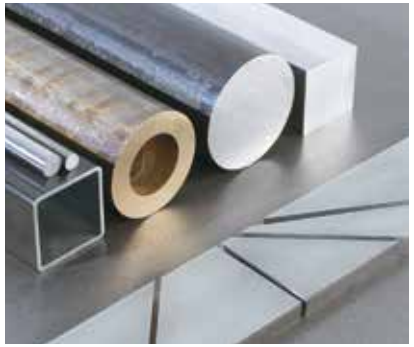
A FEW FEATURES:
- Structure in sturdy cast iron, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Powerful 9,2 kw (15hp) blade motor with vectorial inverter in order to continuously adjust the blade speed in a single range from 15 to 150m/min.
- Powerful coolant flows to wash the cutting area and to convey chips away.
- Work light and laser projector to position the bar accurately in order to carry out non-standard or facing cuts.
- Saw head stroke by means of double hydraulic cylinders on linear guides with ball-bearings and pre-loaded slides (3° canted head to make the chip removal easier for horizontal walls).
- Self-adjustment cutting force by means of a servo valve mounted on the hydraulic cylinder.
- Latest generation hydraulic control unit, with high efficiency and low energy consumption.
- 7 " touch screen.
- Two hydraulic cutting vises to clamp the material on both sides and one vertical hydraulic cylinder.
- Automatic adjustment of the front guide arm in relation to the capacity that needs to be cut.
- Adjustable blade-guide heads in steel, with roller and carbide pads.
- Servo control to shift idler pulley for blade changing (2250 kg).
- Three coolant pumps to ensure high coolant flood (120 l/min) to cool down the blade and wash away chips from the working area.
- Powered blade brush.
- Belt chip conveyor (Optional).
- Machine can be handled with both lift truck and crane.
- BI-METAL band saw blade included.





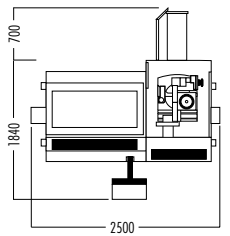
TIGER
372 CNC LR 4.0

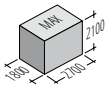
TIGER 372 CNC LR 4.0, automatic electromechanical vertical sawing machine with HSS blade which can operate also in semi-automatic mode, to cut steels from -45° to +60°.
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products, to obtain, on the same bar or on the material located on the loading magazine CB6001 (OPTIONAL), up to 300 cutting programs each of different lengths and quantities.
- CB 6001 for high production for round square and rectangular bars up to the maximum cutting dimensions indicated on the brochure. The CB6001 must be ordered together with the machine.



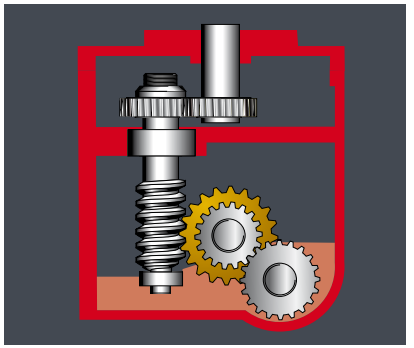
OPTIONALS FROM PAG 27 - N° 01 - 02 - 05 - 07 - 13 - 15 - 20 - 25 - 29 - 32 - 38 - 39 - 44 - 45 - 56 - 57 - 58

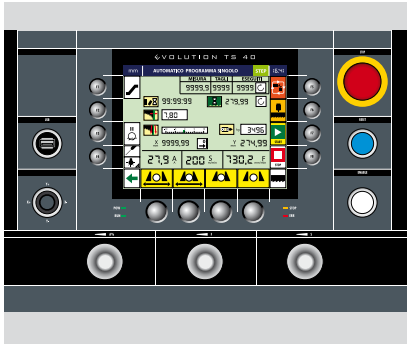
						ø	○	□	▭	●	■	▬	
					0°	370	120	110	180x100	120	110	180x100	
	mm	kW	rpm	mm	+ 45°	370	115	100	120x100	70	70	70x70	kg
OPTIONAL	HSS 370x32x3	5,0	15÷150	190	+ 60°	370	110	90	90x90	50	50	50x50	1060
					- 45°	370	115	100	120x100	70	70	70x70	

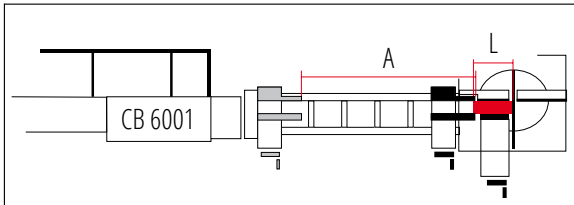




A FEW FEATURES:
- Panel with low tension controls: polyester membrane keypad with tactile thermo-shaped buttons which give out an acoustic signal when pressed.
- 8" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive with a self-learning feature it guarantees a reliable use and it controls all cutting parameters in real time.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Transmission system at 3 stages so as to guarantee high sturdiness, precision and to obtain high removal capacities.
- Model with complete covering so as to reach 3 fundamental aims:
+ operator's safety (during working cycles, access to cutting area is hindered by a timed opening system).
+ Sound-proofness. + Possibility to work with high quantity of cutting liquid (120 liters/min) to cool blade, to wash the working area continuously and to convey chips guaranteeing in this way longer blade life.
- Sawing head movement on double linear guides with preloaded slides with recirculating ballscrews.
- Head down stroke by means of electromechanical cylinder to obtain the maximum cutting rigidity and the automatic comparison of the data set/obtained and to correct cutting parameters in real time.
- Blade rotation with one speed motor with electronic speed variator so as to cut from 15 up to 150 rpm to obtain the best cutting efficiency.
- Wire chip brush for band cleaning.
- Rotation pin with preloaded thrust bearing to grant rotation precision and stability.
- Bar feeder has a length of 1000 mm and consists in a system given by screw/nut with recirculating ballscrews with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Pneumatic locking vice with adjustable steel gib.
- Pneumatic vertical vice.
- Special vice to reduce restpiece.
- Steel base with drawer to collect chips which can be replaced with a motorized chip evacuator (see optionals).
- Circular blade Ø 350 mm.
- Service keys and instructions manual for maintenance and spare parts list.



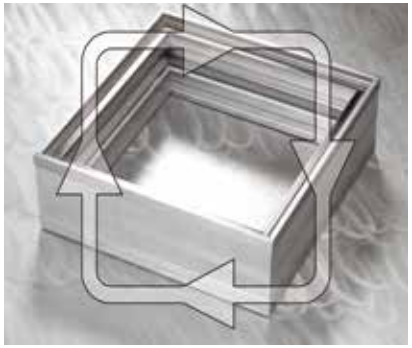




	A feeder stroke MAX mm	L restpiece MAX mm
TIGER 372 CNC LR 4.0	1000	170
TIGER 372 CNC LR 4.0 + CB 6001	1000	180
TIGER 372 CNC LR 4.0 (RB + 45°- 0°- 45°)	900	270
TIGER 372 CNC LR 4.0 (RB + 45°- 0°- 45°) + CB 6001	900	280

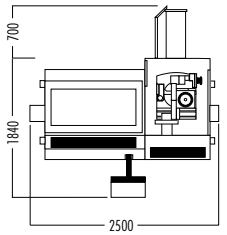
TIGER
372 CNC LR 4.0 RC

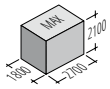
TIGER 372 CNC LR 4.0 RC, ferrous circular saw with HSS blade for any kind of steel, with programmable head mitering trough MEP40 CNC controller.
- Automatic vertical circular saw powered by brushless motor mitering from -45° to +45° (see picture A) and up to +60° in semiautomatic mode.
This machine can be equipped with the bar loader CB6001 (OPTIONAL) for rounds, square and rectangle materials according to technical specifications. It can also be retrofitted.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 05 - 07 - 08 - 20 - 25 - 29 - 38 - 45 - 58

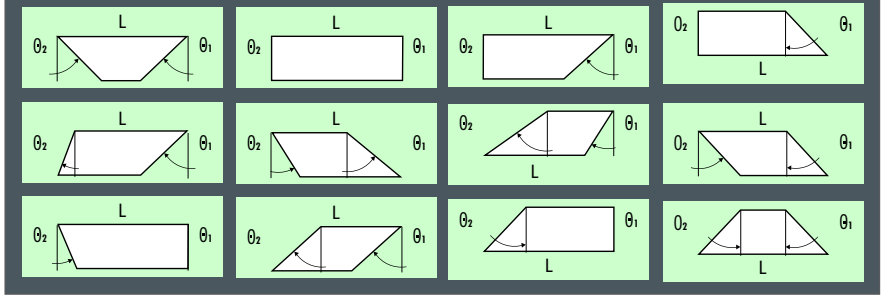
					ø	○	□	▭	●	■	▬	
				0°	370	120	95	180x95	120	95	180x95	
mm	kW	rpm	mm	+ 45°	370	115	100	120x100	70	70	70x70	kg
HSS 370x32x3	5,5	15÷150	190	+ 60°	370	110	90	90x90	50	50	50x50	1060
				- 45°	370	115	100	120x100	70	70	70x70	

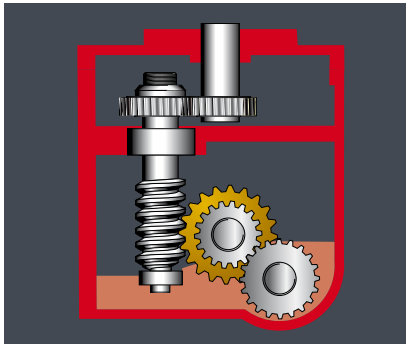




A FEW FEATURES:
- 8" touch screen controller with self learning programming.
- Saw head mitering with high precision positioning (max 1' of degree) powered by a brushless motor and pneumatic locking of saw head once positioned.
- Self-checking of all cutting parameters in real time.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Transmission system at 3 stages so as to guarantee high sturdiness, precision and to obtain high removal capacities.
- Model with complete covering so as to reach 3 fundamental aims:
+ operator's safety (during working cycles, access to cutting area is hindered by a timed opening system).
+ Sound-proofness.
+ Possibility to work with high quantity of cutting liquid (120 liters/min) to cool blade, to wash the working area continuously and to convey chips guaranteeing in this way longer blade life.
- Sawing head movement on double linear guides with preloaded slides with recirculating ballscrews.
- Head down stroke by means of electromechanical cylinder to obtain the maximum cutting rigidity and the automatic comparison of the data set/obtained and to correct cutting parameters in real time.
- Blade rotation with one speed motor with electronic speed variator so as to cut from 15 up to 150 rpm to obtain the best cutting efficiency.
- Wire chip brush for band cleaning.
- Rotation pin with preloaded thrust bearing to grant rotation precision and stability.
- Bar feeder has a length of 1000 mm and consists in a system given by screw/nut with recirculating ballscrews with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Pneumatic locking vice with adjustable steel gib.
- Pneumatic vertical vice.
- Steel base with drawer to collect chips which can be replaced with a motorized chip evacuator (see optionals).
- Circular blade Ø 350 mm.
- Service keys and instructions manual for maintenance and spare parts list.

Fig. A



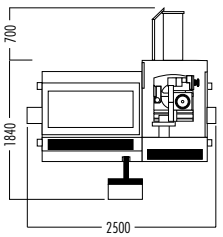


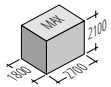
TIGER
402 CNC HR 4.0

TIGER 402 CNC HR 4.0, automatic electro-pneumatic vertical sawing machine to cut aluminium and light alloys from -45° to +60°.
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products, to obtain, on the same bar or on the material located on the loading magazine CB6001 (OPTIONAL), up to 300 cutting programs each of different lengths and quantities.
- CB 6001, for high production, for round, square and rectangular bars up to the maximum cutting dimensions indicated on the brochure. The CB6001 must be ordered together with the machine.
- TIGER 402 CNC HR 4.0 is completely covered to give safety to the operator (during working cycles, access to cutting area is hindered by a timed opening system) and for sound insulation.

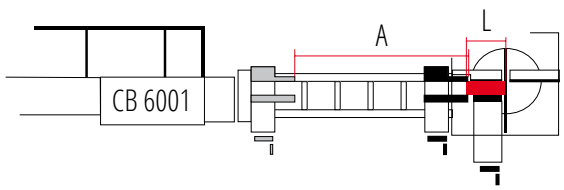
OPTIONALS FROM PAG 27 - N° 01 - 02 - 06 - 07 - 14 - 16 - 20 - 25 - 27 - 30 - 35 - 38 - 39 - 44 - 45 - 56 - 57 - 58

					Ø	●	■	▬	
				0°	400	130	120	180x100	
mm	kW	rpm	mm	+ 45°	400	115	100	120x100	kg
HM 400x32	3,3/4,4	1400/2800	185	+ 60°	400	115	90	90x90	1060
				- 45°	400	115	100	120x100	





A FEW FEATURES:
- 8" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive with a self-learning feature, it guarantees a reliable use and it controls all cutting parameters in real time.
- Panel with low tension controls: polyester membrane keypad with tactile thermo-shaped buttons which give out an acoustic signal when pressed.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Sawing head movement on double linear guide with preloaded slides with recirculating ballscrews.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Head down stroke by means of pneumatic cylinder with coaxial hydraulic brake to obtain the maximum cutting rigidity.
- Shearing stress control.
- Transmission system with serrated pulleys and belts.
- Blade rotation with 2-speed motor at 1400/2800 rpm.
- Automatic device to lubricate the blade only when the machine is cutting.
- Rotation pin with thrust bearing to grant rotation precision and stability.
- Bar feeder has a length of 1000 mm and consists in a system given by screw/nut with recirculating ballscrews with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Chip conveyor predisposed to mount optional chip collector.
- Pneumatic double locking vice.
- Pneumatic vertical vice.
- Indicator with flashing light in case cycle is stopped.
- Control and function system protected against in-going and/or out-going electrical and electromechanical phenomenon.
- Machine arranged for handling with movement equipment.
- Circular blade Ø 400 mm.
- Service keys and instructions manual for maintenance and spare parts list.

	A feeder stroke MAX mm	L restpiece MAX mm
TIGER 402 CNC HR 4.0	1000	260
TIGER 402 CNC HR 4.0 + CB 6001	900	275
TIGER 402 CNC HR 4.0 (RB + 45°- 0°- 45°)	1000	260
TIGER 402 CNC HR 4.0 (RB + 45°- 0°- 45°) + CB 6001	900	275

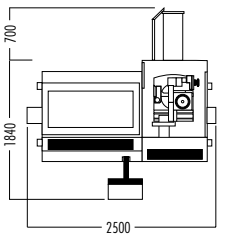
TIGER
402 CNC HR 4.0 RC

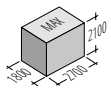
TIGER 402 CNC HR 4.0 RC, non-ferrous circular saw with TCT blade for aluminium and alloys, with programmable head mitering trough MEP CNC 40 controller.

- Automatic vertical circular saw powered by brushless motor mitering from -45° to +45° (see picture A) and up to +60° in semiautomatic mode.
This machine can be equipped with the bar loader CB6001 (OPTIONAL) for rounds, square and rectangle materials according to technical specifications. It can also be retrofitted.
- TIGER 402 CNC HR 4.0 is completely covered to give safety to the operator (during working cycles, access to cutting area is hindered by a timed opening system) and for sound insulation.

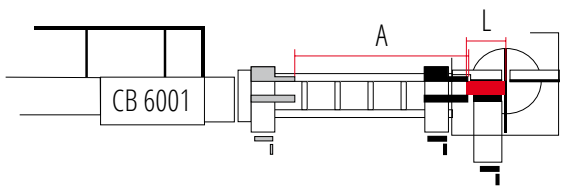
OPTIONALS FROM PAG 27 - N° 01 - 02 - 06 - 07 - 08 - 14 - 20 - 25 - 27 - 30 - 38 - 39 - 45 - 58

					ø				
				0°	400	130	120	180x100	
mm	kW	rpm	mm	+ 45°	400	115	100	120x100	kg
HM 400x32	3,3/4,4	1400/2800	185	+ 60°	400	115	90	90x90	1060
				- 45°	400	115	100	120x100	



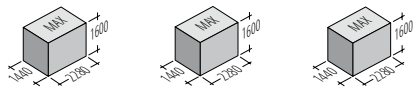


A FEW FEATURES:
- 8" touch screen controller with self learning programming.
- Saw head mitering with high precision positioning (max 1' of degree) powered by a brushless motor and pneumatic locking of saw head once positioned.
- Self-checking of all cutting parameters in real time.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Sawing head movement on double linear guide with preloaded slides with recirculating ballscrews.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Head down stroke by means of electromechanical cylinder to obtain the maximum cutting rigidity.
- Shearing stress control.
- Transmission system with serrated pulleys and belts.
- Blade rotation with 2-speed motor at 1400/2800 rpm.
- Automatic device to lubricate the blade only when the machine is cutting.
- Rotation pin with thrust bearing to grant rotation precision and stability.
- Bar feeder has a length of 1000 mm and consists in a system given by screw/nut with recirculating ballscrews with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Machine base with chip tray and equipped to connect chip collector (optional).
- Pneumatic double locking vice.
- Pneumatic vertical vice.
- Indicator with flashing light in case cycle is stopped.
- Machine arranged for handling with movement equipment.
- Circular blade Ø 400 mm.
- Service keys and instructions manual for maintenance and spare parts list.

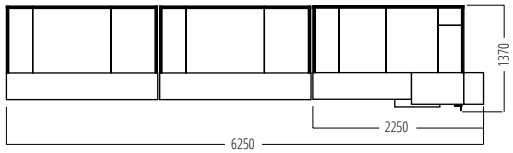
	A feeder stroke MAX mm	L restpiece MAX mm
TIGER 402 CNC HR 4.0	1000	260
TIGER 402 CNC HR 4.0 + CB 6001	900	275
TIGER 402 CNC HR 4.0 (RB + 45°- 0°- 45°)	1000	260
TIGER 402 CNC HR 4.0 (RB + 45°- 0°- 45°) + CB 6001	900	275

CB 6001

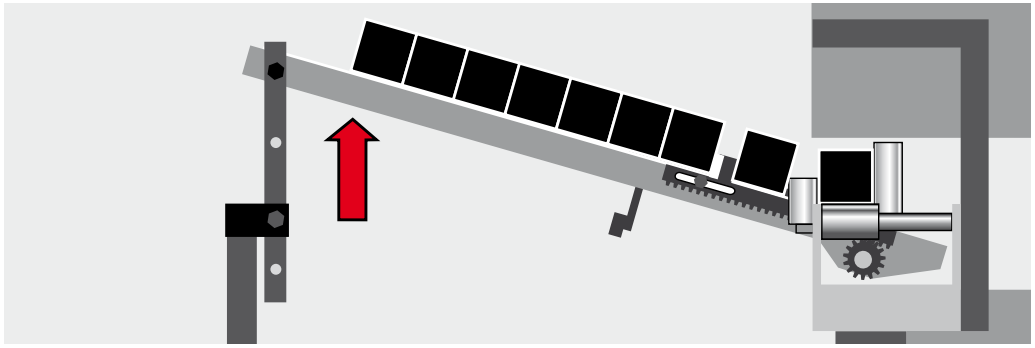
CB 6001 BAR CHUTE LOADING MAGAZINE 6000 MM FOR MEP SAWING MACHINE MODEL TIGER 372 CNC LR 4.0 and TIGER 402 CNC HR 4.0.
CB 6001 - Since this unit has a maximum load of 2400 kg (8 bars of round solid with a diameter of 80 mm) we recommend to fix it to the floor so as to avoid even minimum unalignments.

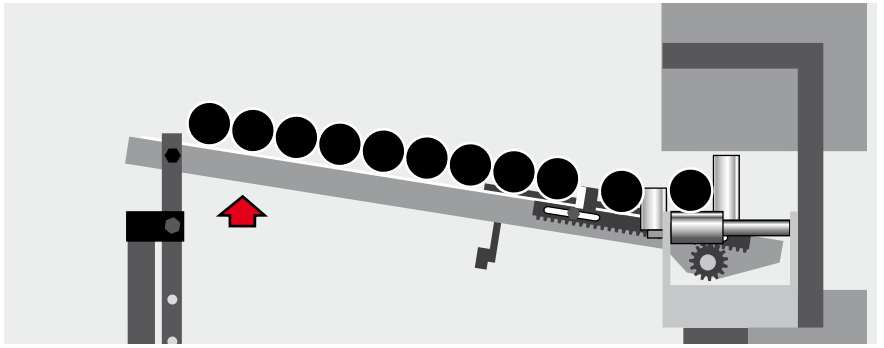


bar	mm	kg	kW	mm	mm	mm	mm	mm	mm	kg
6	6000	2400	0,37	20÷100	20÷100	130x10÷100	20÷80	20÷80	130x10÷35	850



A FEW FEATURES:
- This accessory allows you to cut in sequence all the bars which are positioned onto the chute of the loading magazine and consequently the machine can work, even for a long time, without the presence of the operator.
- The CB 6001 has a 80-cm bed where the inclination can be regulated. It can be loaded till it is full with round, square and rectangular solids or sections up to the maximum dimensions indicated in the feature table.
- When a restpiece which cannot be cut remains in the machine, the loading magazine sends forward a new bar pushing out the restpiece. The new bar is positioned for the face cut which isn't counted on the cuts made.
- The CB 6001 has a sturdy tubular steel structure which is partially demountable for ease in transport.
- The transmission mechanisms (gears and racks), as well as the system to feed in bars individually, are made out of steel.
- The CB 6001 can be ordered together with the sawing machine or afterwards, on condition that the machine has been ordered together with the accessory "equipped to mount CB 6001 w/vice to reduce restpiece".
- The CB 6001 requires a 6 BAR air supply and the motor is powered by the controller of the sawing machine itself.
- Cutting materials which have a certain wall thickness generate also a lot of chips; for this reason, we recommend to equip the sawing machine with a motorized chip evacuator.



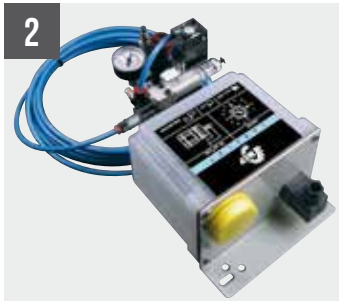


OPTIONALS

1

Emulsible oil Lt. 5

2



Spray mist system

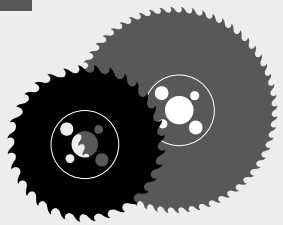
3

Bi-metal band

4

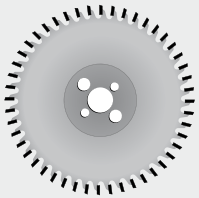
Band with electowelded hard metal plates

5



Circular blade HSS

6

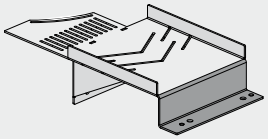


Circular blade HM

7

Supplementary foot pedal control w/ emergency stop

8



Cod. 016.3501

TIGER 372- 402
Adapter for unloading table

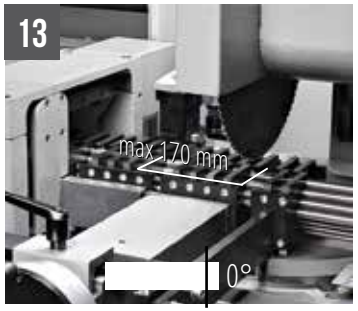
11

SHARK SXI evo
Hydraulic vice pressure adjuster

12

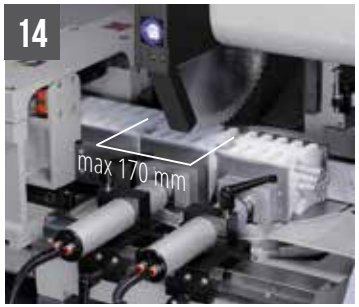
Shark 512 SXI evo
Laser projector + work light

13



TIGER 372 CNC LR 4.0 - Set of comb jaws when equipped w/restpiece reduction min. (max70x70mm)

14



TIGER 402 CNC HR 4.0 - Set of comb jaws when equipped w/restpiece reduction min. (max75x75mm)

15

TIGER 372 CNC LR 4.0
Supplementary pneumatic vice

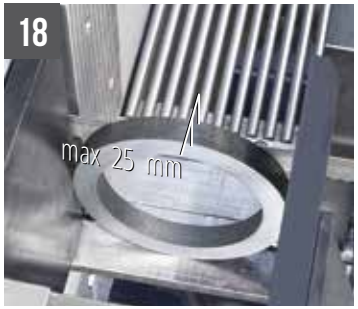
16

TIGER 402 CNC HR 4.0
set off comb jaws in teflon for bundle cutting (max mm 75x75)

17

SHARK 350 NC HS 5.0 Hydraulic vertical vices for bundle cutting (max 350x350mm)

18



SHARK 350 CNC HS 4.0 - 350 CNC HS 5.0
Special vice to reduce restpiece
max 25 mm

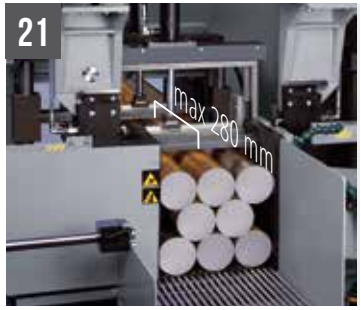
19

SHARK 350 CNC HS 4.0 - 350 CNC HS 5.0
Band deflection gauge

20

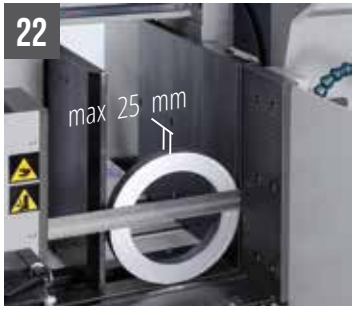
Kit IOT Industry 4.0 Ready

21



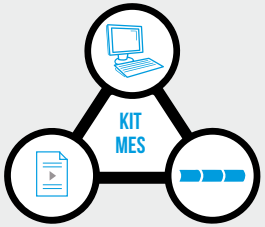
SHARK 420 CNC HS 4.0 - Hydraulic vertical
vices for bundle cutting (max 400x400mm)

22



SHARK 420 CNC HS 4.0
Special vice to reduce restpiece
max 400x420 mm

25



KIT MES

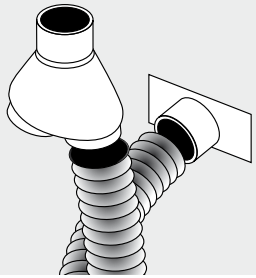
27

Chip collector

29

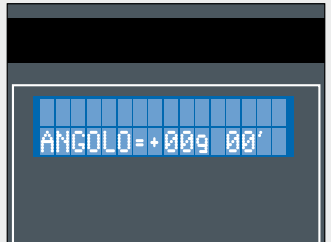
Powered chip auger

30



TIGER 402 CNC HR 4.0
Double suction system

31



SHARK 512
Cutting angle displaying

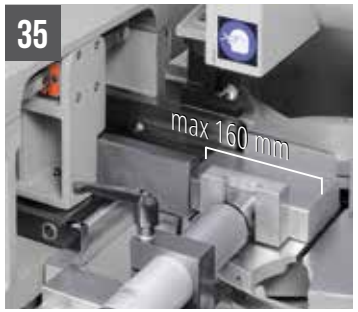
32

TIGER 372 CNC LR 4.0 (Ø max 105 mm)
set of carbide guides

33

SHARK 350 CNC HS 4.0 - Hydraulic vertical vices for bundle cutting (max 350x350mm)

35



TIGER 402 CNC HR 4.0
Special vice to reduce restpiece

36

SHARK 652 SXI H 5.0
Hydraulic pop-up roller left

OPTIONALS

37

SHARK 652 SXI H 5.0
Hydraulic pop-up roller right

38

CB 6001

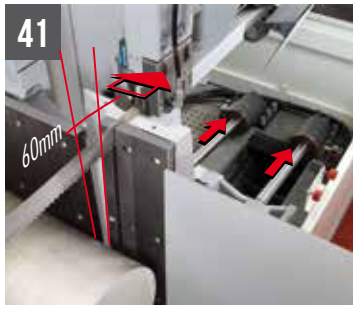
39

loading table for "comb jaws"
(componable modules 1500 mm)

40

SHARK 660 CNC HS 4.0 Hydraulic vertical vices for bundle cutting (660 x 660 mm)

41



SHARK 660 CNC HS 4.0
Retractable fixed vice jaw

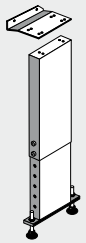
42

SHARK 660 CNC HS 4.0
Squaring vice

43

SHARK 420 CNC HS 4.0/ SHARK 350 CNC HS 4.0 / SHARK 350 NC HS 5.0
Kit cutting speed 15÷200 m/min

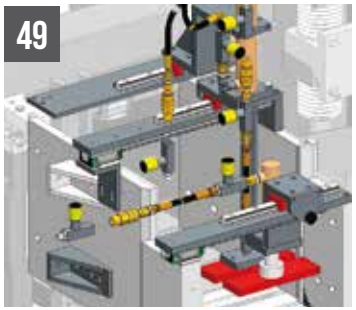
44



Cod. 090.0863

TIGER 372 / 402
Adapter for unloading table with extra support

49

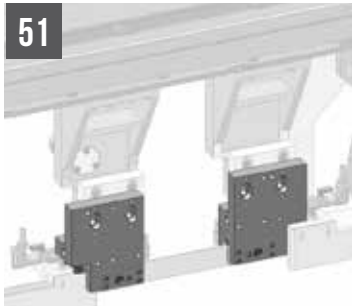


Shark 350 CNC hs 4.0 / SHARK 350 NC hs 5.0
Hydraulic vertical vices w/vice to reduce restpiece (max. 250x200 / min. 100x20mm)

50

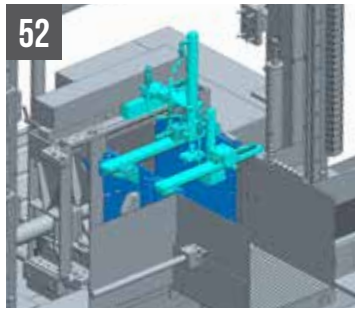
Shark 350 CNC hs 4.0 / SHARK 350 NC hs 5.0
Bar sensor to optimize restpiece (3 special cutting cycle)

51



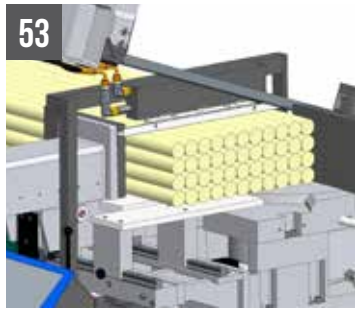
Shark 350 CNC hs 4.0 / SHARK 350 NC hs 5.0
Bandsaw upgrate to 41 mm blade

52



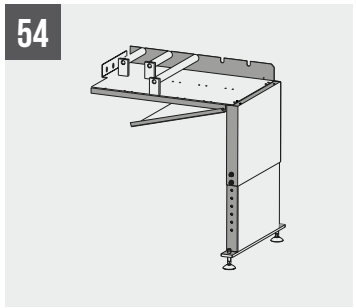
SHARK 420 CNC hs 4.0
Hydraulic vertical vices equipped with vice to reduce remnant

53



SHARK 512 SXI evo
Hydraulic vertical vice for bundle cutting max. 510x180 mm

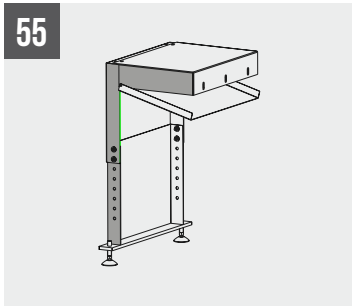
54



SHARK 512 SXI evo
Adapter for unloading table with support

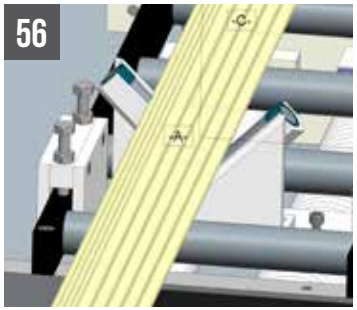
STOP AND MEASURING ROD ROLLER TABLES

55



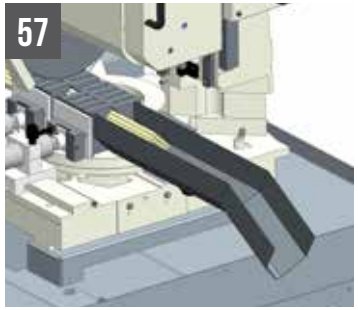
SHARK 512 SXI evo
Adapter for loading table with support

56



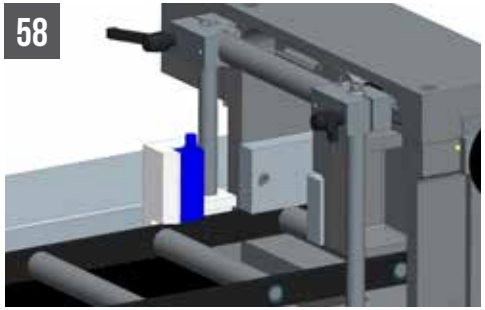
TIGER 372 CNC LR 4.0
Adjustable bundle holder for comb jaws (max. feeder stroke will be reduced of 100mm)

57



TIGER 372 CNC LR 4.0 - TIGER 402 CNC HR 4.0
Outfeed chute for bundle comb jaws

58

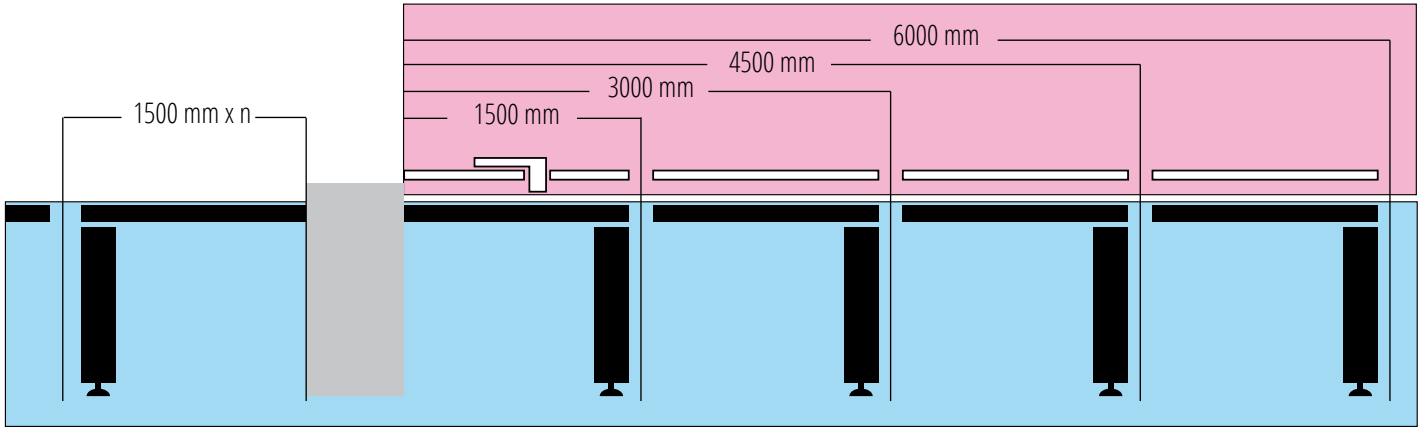


TIGER 372 CNC LR 4.0/RC -TIGER 402 CNC HR 4.0/RC
Automatic continuous bar feeding trough material sensors

R stop and measuring rod

K roller tables

	K40	K110HD	K300
R1	●		
R2	●		
R3	●		



FLIP OVER STOPS' MODELS

R1

R1 FLIP OVER STOP (light version): it can be mounted on K40 roller tables offside.
- It can be raised so as to move the bar along.
- It slides on two aluminium guides with teflon slides.
- The rod is engraved on an aluminium bar.

R2

R2 FLIP OVER STOP (medium version): it can be mounted on K40 roller tables offside.
- It can be raised so as to move the bar along.
- It slides on two horizontal guides with teflon slides.
- The rod is engraved on an aluminium bar.
- Measure visualization enlarged by a magnifying glass.

R3

R3 FLIP OVER STOP (strong version): it can be mounted K40 roller tables offside.
- Made of casting and steel.
- It can be raised so as to move the bar along.
- It slides on a horizontal steel linear guide with recirculating ballscrews.
- The rod is engraved on an aluminium bar.
Measure visualization enlarged by a magnifying glass.

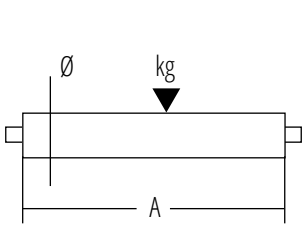
ROLLER TABLES

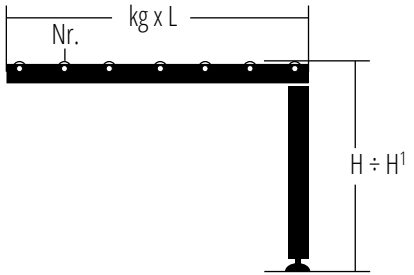
45

K40

48

K300





Model	Ø mm	kg	A	P	Nr. x L	kg x L	H ÷ H[1]
K 40	24	40	190	245	7	280 X 1500	735 ÷ 1070
K 300	60	300	530	600	6	1800 X 1500	755 ÷ 910

		Rest piece no longer feeded (mm)	Minimum cutting length (mm)	Speed of feeding vice (m/ min)	Max weight that the feeding vice can pull (kg)	Height of working table (mm)	Cutting capacity with overhead bundling (mm)	Capacity of the coolant tank (Lt)	Capactity of the hydraulic tank (Lt)	Blade length (mm)	Blade specification (mm)
BANDSAWING MACHINES											
	SHARK 332 RC KONNECT	390	10	9	1360	930	-	70	140	3770 ±20 X 27 X 0.9	-
	SHARK 350 NC HS 5.0	130	10	4.5	2720	830	350 X 350	220	60	4640 ±20 X 34 X 1.1	-
	SHARK 350 CNC HS 4.0	130	10	4.5	2720	830	350 X 350	220	60	4640 ±20 X 34 X 1.1 4640 ±20 X 41 X 1.3	-
	SHARK 420 CNC HS 4.0	120	10	4.5	2720	880	420 X 420	285	60	6100 ±20 X 41 X 1.3	-
	SHARK 660 CNC HS 4.0	70	10	4.5	10000*	890	660 X 660	340	72.5	8400 ±20 X 54 X 1.6 8400 ±20 X 67 X 1.6	-
	SHARK 512 SXI evo	-	-	-	-	880	-	200	2.5	4640 ±20 X 34 X 1.1	-
	SHARK 652 SXI H 5.0	-	-	-	-	938	-	95	24.5	6700 ±20 X 41 X 1.3	-
VERTICAL SAWING MACHINES FOR METALS											
	TIGER 372 CNC LR 4.0	170	10	6	1360	1000	70 X 70	105	-	-	HSS Ø 370 X 32 X 3
	TIGER 372 CNC LR 4.0 RC	260	-	6	1360	1000		105	-	-	HSS Ø 370 X 32 X 3
	TIGER 402 CNC HR 4.0	160	-	6	1360	1000	70 X 70	105	-	-	HM Ø 400 X 32 X 3.8
	TIGER 402 CNC HR 4.0 RC	260	-	6	1360	1000		105	-	-	HM Ø 400 X 32 X 3.8

* 26" x 26" x 15' / 660mm x 660 mm x 3000 mm

GENERAL SALES CONDITIONS

1 - DEFINITIONS
"CGV": these general sales conditions, whose following terms shall have the meaning given below;
" Mep" and/or "company": Mep S.p.a. with administrative office in Pergola (PU);
"Customer": any company, body or legal entity purchasing Mep products;
"Products": goods produced and/or marketed by Mep;
"Order/s": each product purchase proposal sent to Mep by the customer;
"Sale/s": each sale contract closed between Mep and the customer following the written acceptance sent by Mep to the customer;
"Brands": all brands Mep is owner or licensee of;
"Intellectual property rights": all Mep intellectual and industrial property rights, registered or not, as well as any application or registration concerning these rights and any other right or protection.
"Conditions" mean all contract agreements, terms and conditions as a whole included in these General sales conditions (CGV).

2 - PURPOSES
2.1 These CGV apply to all product sales. In case of conflict between the conditions and terms of these CGV and the terms and conditions agreed for a single sale, the latter shall prevail.
2.2 Mep reserves the right to add, modify or cancel any provision of these CGV, being it understood that all changes shall apply to the sales closed from the thirtieth day after the transmitted notice, also by e-mail or fax, by Mep to the customer.

3 - ORDERS AND SALES
3.1 Each sale shall be ruled exclusively by these mandatory CGV unless different agreements have already been signed between
Mep and customer.
3.2 Orders shall be binding for Mep if accepted in writing with order confirmation, sent to the customer also by e-mail or fax.
3.3 Should the customer receive a written confirmation by Mep containing terms other than those included in the order, the sale shall be considered closed under the terms of the confirmation if the customer does not object to it within five days from receiving the order confirmation.
3.4 The company can immediately start fulfilling the received orders. The supply delivery to the carrier or shipping agent, together with the order acceptance notice, represents the start of the fulfillment, for the purposes and effects of art. 1327 of the Italian Civil Code.

4 - PRICES
4.1 The prices of the products, to be meant as VAT excluded, shall be those listed in the company price list in force when the order is forwarded, namely those indicated by the company in the single order confirmations for the products not included in the price list.

5 - DELIVERIES
5.1 Mep shall deliver the products ex works at his factories of Pergola, unless a different written agreement. If required, Mep shall entrust carriers with the transport at risk, costs and expenses of the customer.
5.2 The company may carry out the supply with partial deliveries; in this case, each delivery shall be considered as specific sale performance.
5.3 Possible irregularities or lacks in the supplies shall be claimed in writing to the carrier at the delivery and communicated to the company within max. three working days.
5.4 Within 20 days before the expected delivery date of the products the company and the customer can cancel or suspend the supply due
to force majeure or due to reasons out of control, with mutual exemption to damages, for example such as, but not limited to:
a) strikes, even partial, power cut-off, natural disasters, measures by public authorities, problems in transports, riots;
b) problems connected with the production or the order planning;
c) difficulty in getting raw material supplies.
In case of order cancellation by the customer of non-standard products, the company shall be entitled to receive the payment of what suitably realized till the communication was received.

6 - GUARANTEES
6.1 The company guarantees that each product complies with the specifications indicated in the catalogue, standard tolerance excepted.
6.2 The company can anyway modify the products, even without informing the customers, reasonably in their technical characteristics, design, materials and finishes as deemed necessary and/or suitable; the customer, therefore, cannot claim or reject, nor even partially, the supply due to such reasonable changes.
6.3 The company guarantees that the products are free of defects and/or faults for a period of one year from the date of delivery to the customer.
6.4 Possible defects or faults shall be communicated by the customer within thirty days from receiving the supply and/or discovering them, if hidden, otherwise the right lapses. Damages cannot be claimed to the company for possible delays in repairs and/or replacements within the two months after the communication.
6.5 The company's responsibility for the supplies of products and for their use is anyway limited to the cost for repairing faults and/or defects of the products or for replacing them.
6.6 Customers are not entitled to return products without a previous written authorization by the company.
6.7 The customer guarantees that the products shall be used according to the instructions of the company and engages to inform all operators involved in their use that the company is ready and available to give all information aimed at the correct operation and safety of the products.

7 - PAYMENTS
7.1 The customer shall pay the invoices issued by the company for the collection of the performed supplies in compliance with the terms indicated in the order confirmation.
7.2 The company shall issue invoices for every product supply, even in case of partial supplies referred to the same order confirmation.
7.3 In case of delayed payment vs. the contract terms, the customer shall pay to the company default interests according to the Italian law decree of 9th October 2002 no. 231, as well as the refund of the collection costs.
7.4 For invoices issued with indication of payment instalments, failure to pay even a single instalment shall involve the automatic acceleration clause and the company shall be entitled to ask immediately for the whole credit, increased of default interests.

8 - PROPERTY RIGHTS
8.1 The customer cannot use the products or part of them or any description or drawing, even if not specifically protected by a patent or registered trademark, to design or manufacture similar products, unless he has obtained the previous written authorization by the company; in this case, too, all patents,
registered designs, trademarks, copyrights and intellectual property rights concerning or connected with the products remain the full and exclusive property of the company and the customer shall adopt the strictest confidentiality accordingly.

9 - EXPRESS RESOLUTIVE CLAUSE
9.1 The company is entitled to cancel at an time, according to art. 1456 of the Italian Civil Code, by written communication sent to the customer, the sale/s in case of non-fulfillment of the obligations of articles : 6 (payments); 7 (intellectual property rights).

10 - APPLICABLE LAW - COMPETENT COURT
10.1 Any controversy arising on the closing, performance or resolution of the contract, or possible damage due to the products or their use, is ruled by the Italian law and subject to the Italian ordinary courts; by way of exception to any other law or conventional principle, the court of Pesaro - Fano detached department shall be exclusively competent as for territory.

WHERE TO FIND US

MEP SPA
via Enzo Magnani, 1
61045 Pergola (PU) Italy

DEALER

The manufacturer reserves the right to carry out modifications without notice.

Autorizzazione del Ministero per i Beni e le Attività Culturali - Prot. n. 6603 del 5-7-2010

museo.bronzidorati@libero.it

INTHEMUSEUMOFOURCITYTHEONLYGROUPOF
GOLDEN BRONZE STATUS IN THE WORLD

MEP SPA SOCIO UNICO

Via Enzo Magnani, 1 - 61045 PERGOLA (PU) ITALY
Tel. (+39) 0721 73721 - Fax (+39) 0721 734533
R. Imprese, C.F. e P. IVA n°13051480153
Cod. EORI IT13051480153
REA PS 164639
Capitale Sociale € 10.372.791,00 int. vers.
Pec: mepspa@mepsaws.legalmail.it
web site: www.mepsaws.com

MEP SPA -I - 2020