MEP

CATALOGUE
NETWORK

EN

NETWORK

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

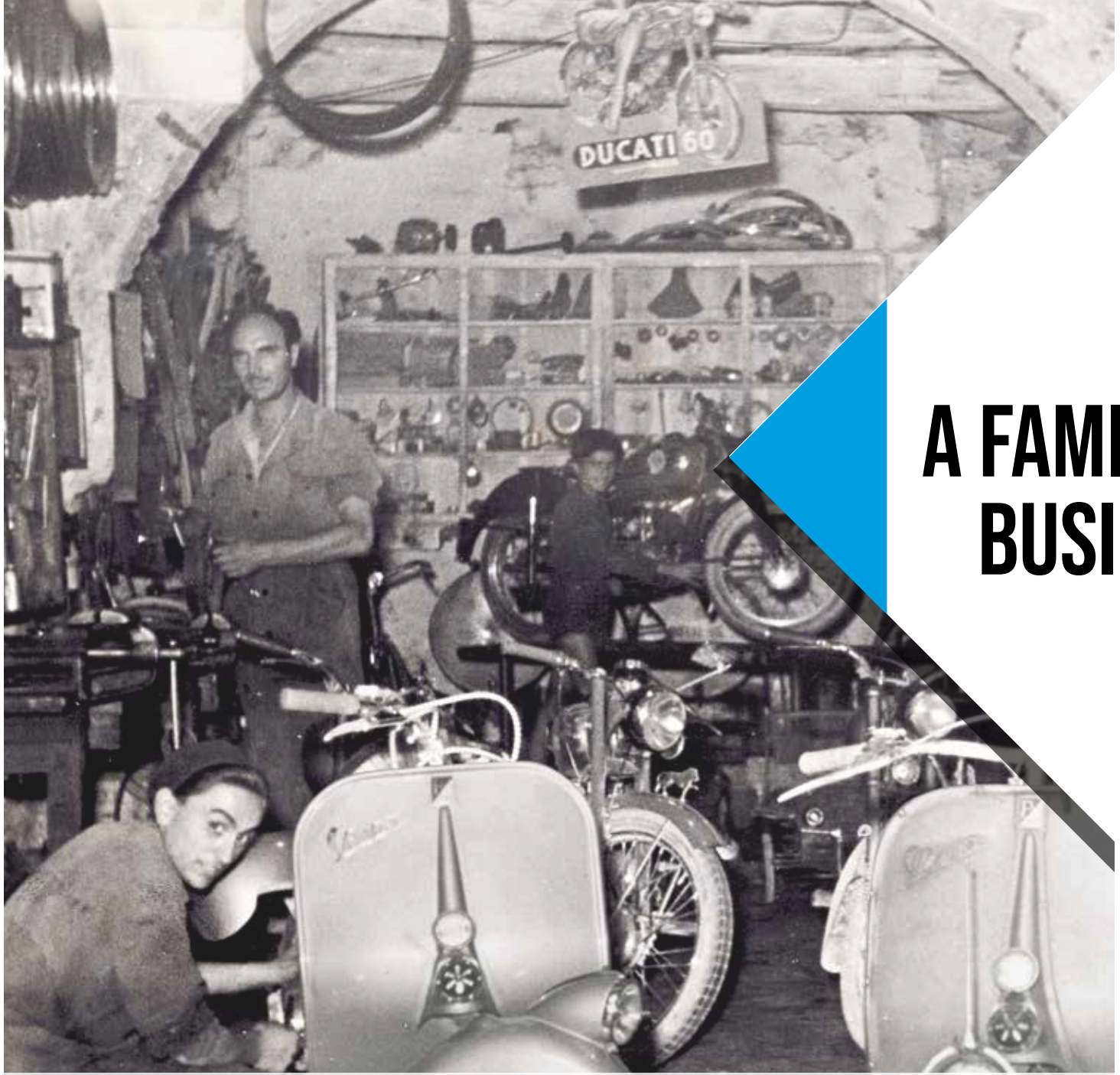
MEP DO BRASIL LTDA.
San Paolo - SP
Brazil

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 CCS
	cutting mode MANUAL
	ELECTROHYDRAULIC
	ELECTROPNEUMATIC
	ELECTROMECHANIC

INDEX

BANDSAWING MACHINES

VERTICAL SAWING MACHINES FOR METALS

PIVOT SAWING MACHINES FOR ALUMINIUM

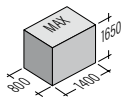
PIVOT SAWING MACHINES FOR METALS

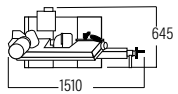
PH
211-1/HB

The PH 211-1 manual pull down band saw machine can mitre from 0° to +60°.

It is also available with the hb device to make single cuts without operator, keeping though the manual pull down mode (hb device is available in the three-phase version only).
HB CUTTING CYCLE:
- After having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

FEATURES:
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Electrical board with entirely identifiable wiring, stand-by, main switch with lock, short circuit protection, motor overload cutout, min. voltage coil, low voltage system 24 V.
- Control handle IP55.
- Driving pulley locked with clamp ring to ensure a strong fastening, allowing axial adjustment.
- Blade-guide heads with 6 CARBIDE pads instead of bearings to ensure a better stability.
- Fixed stops at 0° +45° +60° with locking lever to lock the saw head at any angle.
- Saw head pivot point with preloaded tapered bearings.
- Vice with fast locking lever.
- Electric pump for the band lubrication and cooling.
- Brush band-cleaning device.
- Bi-metal band saw blade for solids and profles.
- Instructions manual and spare parts list.





OPTIONALS FROM PAG 47 - N° 02 - 04 - 27 -28 - 71 - 79

						0°				
mm	kW	m/min	kW	m/min	mm	+45°	180	180	200x150	kg
2130x20x0,9	1,25	80	0,70/0,81	40/80	200	+60°	115	110	125x110	190
							70	70	70x70	

PH
261-1/HB

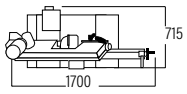
The PH 261-1 manual pull down band saw machine can mitre from 0° to +60°.
It is also available with the hb device to make single cuts without operator, keeping though the manual pull down mode (hb device is available in the three-phase version only).
HB CUTTING CYCLE:
- After having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

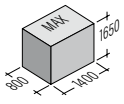
FEATURES:
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Electrical board with entirely identifiable wiring, stand-by, main switch with lock, short circuit protection, motor overload cutout, min. voltage coil, low voltage system 24 V.
- Control handle IP55.
- Driving pulley locked with clamp ring to ensure a strong fastening, allowing axial adjustment.
- Blade-guide heads with 6 CARBIDE pads instead of bearings to ensure a better stability.
- Fixed stops at 0° +45° +60° with locking lever to lock the saw head at any angle.
- Saw head pivot point with preloaded tapered bearings.
- Vice with fast locking lever.
- Electric pump for the band lubrication and cooling.
- Brush band-cleaning device.

- Bi-metal band saw blade for solids and profles.
- Instructions manual and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 04 - 29 - 30 - 57 - 72 - 80

				0°	225	200	240x160	
mm	kW	m/min	mm	+45°	160	140	155x115	kg
2450x27x0,9	0,70/0,81	46/92	245	+60°	90	90	90x90	240



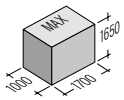


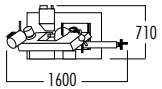
PH 262

The PH 262 manual pull down band saw machine can mitre from -45° to +60°.
It is also available with the hb (hydraulic brake) device to make single cuts without operator, keeping though the manual pull down mode (hb device is available in the three-phase version only).

FEATURES:
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Wide working surface granting a perfect working condition and safety; turning table integral with saw head to cut at any angles without damaging the working surface
- Sliding vice with sideways movement and fast positioning system.
- Electrical board with entirely identifiable wiring, stand-by, main switch with lock, short circuit protection, motor overload cutout, min. voltage coil, low voltage system 24 V.
- Control handle IP55.
- Driving pulley locked with clamp ring to ensure a strong fastening, allowing axial adjustment.
- Blade-guide heads with 6 CARBIDE pads instead of bearings to ensure a better stability.
- Fixed stops at - 45° 0° +45° +60° with locking lever to lock the saw head at any angle.
- Saw head pivot point with preloaded tapered bearings.
- Electric pump for the band lubrication and cooling.
- Brush band-cleaning device.
- Bi-metal band saw blade for solids and profles.
- Instructions manual and spare parts list.

PH 262 - PH262 HB





OPTIONALS FROM PAG 47 - N° 02 - 04 - 18 - 19 - 57 - 72 - 80

				0°	225	200	240x160	
				+ 45°	160	140	155x115	
mm	kW	m/min	mm	+ 60°	90	90	90x90	kg
2450x27x0,9	0,70/0,81	46/92	245	- 45°	145	125	150x100	265

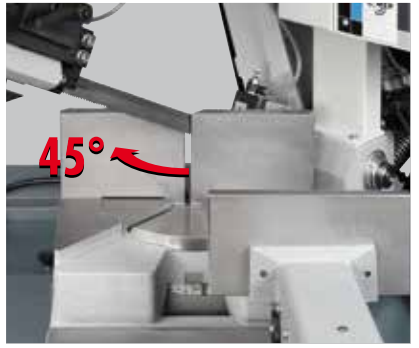
PH
262 HB

PH 262 HB, other than the manual pull down cutting mode can make single cuts without operator.
HB CUTTING CYCLE:
- After having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

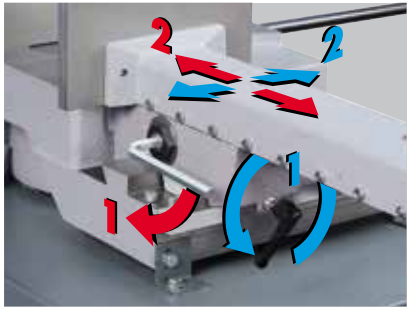
FEATURES: See PH 262


PH 262HB

PH 262 - PH62HB



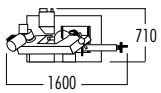
PH 262 - PH62HB

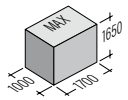


PH 262 - PH62HB

OPTIONALS FROM PAG 47 - N° 02 - 04 - 18 - 19 - 57 - 72 - 80

				0°	225	200	240x160	
				+ 45°	160	140	155x115	
mm	kW	m/min	mm	+ 60°	90	90	90x90	kg
2450x27x0,9	0,70/0,81	46/92	245	- 45°	145	125	150x100	265



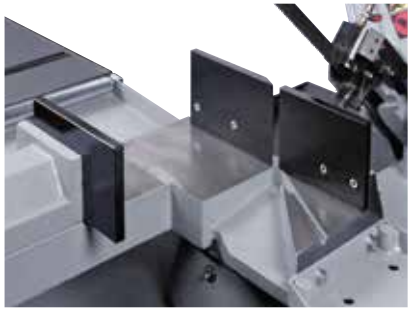


SHARK 281

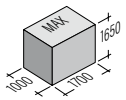
SHARK 281, manual pull down band saw machine to cut from 0° to +60°.

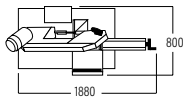
FEATURES:
- Electric panel (wiring totally identifiable, stand-by, loose-key safety switch, main switch, pole change switch, emergency stop, motor magneto-thermal overload, minimum tension coil, protection against missing phase, low tension safety device (LTSD 24 V).
- IP55 control handle.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Vice with fast clamping device.
- Hydraulic transducer to visualize band tensioning.
- Electric pump for band lubrication and cooling.
- Wire chip brush for band cleaning.
- Double head return spring.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.
- The CUT CONTROL SYSTEM (CCS) can be retrofitted on machines out in the field.

SHARK 281/281CCS



SHARK 281/281CCS





OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 07 - 09 - 12 - 16 - 34 - 57 - 72 - 80

				0°	250	230	280x200	
mm	kW	m/min	mm	+45°	190	180	180x180	kg
2950x27x0,9	1,5/1,8	36/72	285	+60°	120	110	110x110	375

SHARK
281 CCS/MA

SHARK 281 CCS (Cut Control System) manual bandsawing machine to cut from 0° up to +60°. Other than the manual pull down cutting mode can make single cuts without operator, using the head weight controlled by a hydraulic brake: after having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

In the version with pneumatic vice (MA) the vice is opened/closed by the operator trough a valve (optional with pedal control).

FEATURES: See SHARK 281.

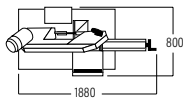
SHARK 281CCS

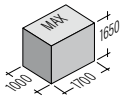
SHARK 281/281CCS

SHARK 281/281CCS

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 09 - 12 - 16 - 34 - 57 - 72 - 80

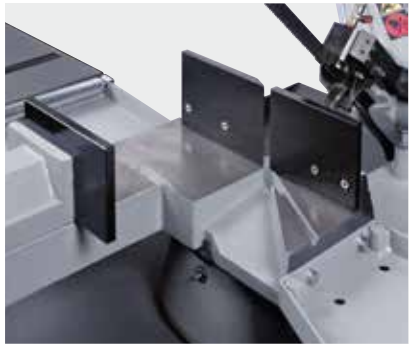
				0°	250	230	280x200	
mm	kW	m/min	mm	+45°	190	180	180x180	kg
2950x27x0,9	1,5/1,8	36/72	285	+60°	120	110	110x110	375



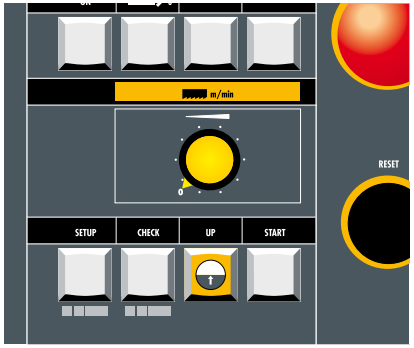


SHARK
281 SXI EVO

SHARK 281 SXI evo, semi-automatic, electro-hydraulic band sawing machine for cutting from 0° to +60°.
- Machine equipped with a latest generation microprocessor controll specifically designed by Mep.
SEMIAUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- Standard machine with operation in semi-automatic cycle only, that can be ordered with additional cutting cycles upon request (OPTIONAL): manual and semi-automatic dynamic cycle (semi-automatic dynamic cycle: anual setting of head position according to material size, start of cycle by means of handle switch, automatic return of saw head to the last starting point.
- CYCLE 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.



FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Program with special cutting cycles.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- The limits of the head stroke are programmed through the console, depending on the dimensions of the bars to be cut.
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Steel base with removable coolant tank.
- Electric pump for band lubrication and cooling.
- Preset to be equipped with the spray mist system (OPTIONAL), other than with the standard-delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine arranged for handling with forklift.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.



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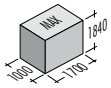
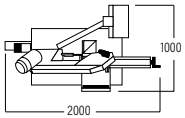




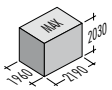
				0°	250	230	280x200	
mm	kW	m/min	mm	+45°	190	180	180x180	kg
2950x27x0,9	1,5/1,8	36/72	285	+60°	120	110	110x110	435

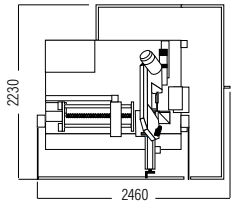
SHARK
281 NC 5.0

Shark 281 NC 5.0, electrohydraulic automatic band sawing machine which can operate also in semi-automatic, semi-automatic/dynamic and manual mode to cut from 0° to +60°.
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.

FEATURES:
- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Programmable plc up to 100 different jobs which can be made in sequence.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 14 - 15 - 17 - 33 - 34 - 49 - 57 - 58 - 60 - 72 - 73 - 80





				0°	250	230	280x200	
mm	kW	m/min	mm	+45°	190	180	180x180	kg
2950x27x0,9	2,2	15÷100	285	+60°	120	110	110x110	1055

- Low voltage control panel installed on an articulated arm.
- Visualization and registration of alarms and events with the possibility to visualize the story of occurred events.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Hydraulic vice sliding sideways when the machine mitre left or right. Fast material approach device.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Cutting head and feeding vice positioning with joystick.
- Self regulation in real time of head down feed rate.
- Continuos control of the blade rotation. In case the blade is jammed, automatically the machine will stop.

- Adjustable rollers for bundle cutting on one row.
- Electronic transducer to visualize band tensioning.
- Self regulation in real time of head down feed rate.
- Coolant tank inside the steel base with two electric pumps to lubricate and cool off the band saw blade. The drawer to collect chips can be replaced with a motorized chip evacuator (see optionals).
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard-delivered traditional lubrication with emulsible oil.
- Additional foot pedal with emergency stop (OPTIONAL).
- Wire chip brush for band cleaning.
- Emergency lamp with acoustic signal in case the machine is in a stand still situation.
- Machine arranged for handling with movement equipment.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.

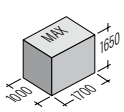
SHARK 282

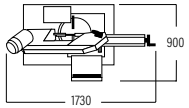
SHARK 282, manual pull down band sawing machine to cut from -45° to +60°.

FEATURES:
- Hydraulic transducer to visualize band saw blade tensioning.
- Wire chip brush for band saw blade cleaning.
- Double head return spring.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Manual sliding vice sideways when machine mitre left or right. Fast material approach device.
- Wide working surface with rotating table installed on a roller bearing, dia. 265 mm, pre-loaded with thrust bearing.
- Adjustable precision stops for cuts at -45°,0°, +45° and +60°.
- Steel base with removable coolant tray.
- Electric pump for band lubrication and cooling.
- Machine arranged for handling withforklift.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.
- The CUT CONTROL SYSTEM (CCS) can be retrofitted on machines out in the field.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 08- 09-12-20- 34- 57- 72 - 80

SHARK 282/282CCS





				0°	250	220	280x220	
				+ 45°	230	200	220x200	
mm	kW	m/min	mm	+ 60°	120	80	140x80	kg
2950x27x0,9	1,5/1,8	36/72	285	- 45°	200	170	200x140	440

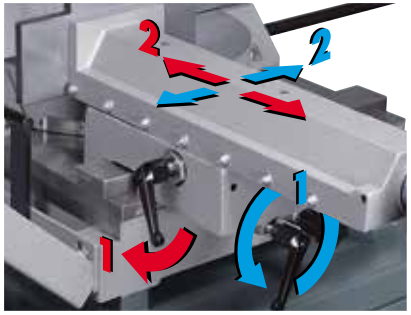
SHARK 282 CCS/MA

SHARK 282 CCS (Cut Control System) manual bandsawing machine to cut from -45° up to +60°. Other than the manual pull down cutting mode can make single cuts without operator, using the head weight controlled by a hydraulic brake: after having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

In the version with pneumatic vice (MA) the vice is opened/closed by the operator trough a valve (optional with pedal control).

FEATURES: See SHARK 282.

SHARK 282CCS

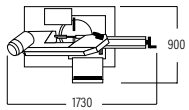


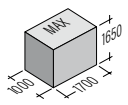
SHARK 282/282CCS

SHARK 282/282CCS

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 09 - 12 - 20 - 34 - 57 - 72 - 80

mm	kW	m/min	mm	0°	250	220	280x220	kg
				+ 45°	230	200	220x200	
2950x27x0,9	1,5/1,8	36/72	285	+ 60°	120	80	140x80	440
				- 45°	200	170	200x140	



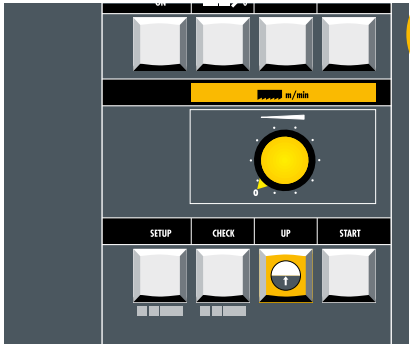


SHARK
282 SXI EVO

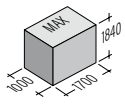
Shark 282 SXI evo, semi-automatic electro-hydraulic band sawing machine, with operation also in manual and semi-automatic dynamic cycle, for cutting from -45° to +60°.
- Machine equipped with a latest generation microprocessor controll specifically designed by Mep.
- SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- SEMI-AUTOMATIC DYNAMIC CYCLE: lowering the head manually, so as to position it just above the material, the semi-automatic cycle starts by pressing trigger switch on handle.
- CYCLE 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.

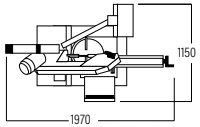
FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed.

+ Head position.
- Control handle of the manual cycle at 24 V, IP55.
- Program with special cutting cycles.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Wide working surface with rotating table installed on a roller bearing, dia. 265 mm, pre-loaded with thrust bearing.
- Two band saw blade speed (36-72 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- The limits of the head stroke are programmed through the control board, depending on the dimensions of the bars to be cut.
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Hydraulic vice sliding sideways when the machine mitre left or right. Fast material approach device.
- Steel base with removable coolant tray.
- Electric pump for band lubrication and cooling.
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard-delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine arranged for handling with forklifg.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.



OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 12 - 20 - 32 - 34 - 36 - 57 - 72 - 80





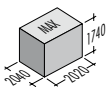
mm	kW	m/min	mm	0°	250	220	280x220	kg
				+ 45°	230	200	220x200	
				+ 60°	120	80	140x80	
2950x27x0,9	1,5/1,8	36/72	285	- 45°	200	170	200x140	485

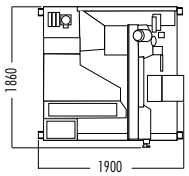
SHARK
331-1 NC 5.0 SPIDER

SHARK 331-1 NC 5.0 spider, Electrohydraulic automatic band sawing machine which can also operate in semi-automatic cycle for cuts from 0° to +60°.Machine with compact dimensions.
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.

FEATURES:
- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Programmable plc up to 100 different jobs which can be made in sequence.
- Low voltage control panel installed on an articulated arm.
- Visualization and record of alarms and events with the possibility to visualize the story of occurred events.
- Upper and lower saw head limits and bar

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 14 - 15 - 33 - 34 - 57 - 61 - 70 - 72 - 73 - 80 - 81 - 83





			OIL						0°	300	260	330x260
m/min	kW	mm	kW	l	kW	l	mm	Kg	+45°	240	230	240x160
15÷100	2,2	3650x27x0,9	0,75	33	0,18	100	335	1150	+60°	160	150	150x150

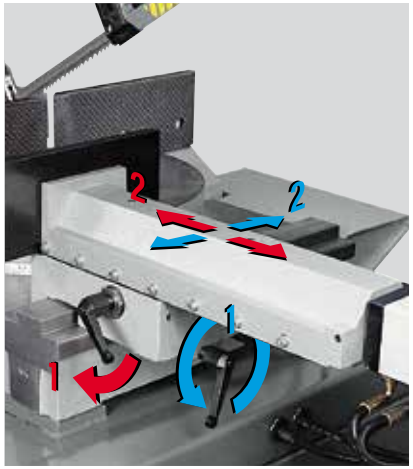
feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Feeder vice with alarmed safety cover stopping all functions of the saw if opened.
- Cutting head and feeding vice positioning with joystick.
- Automatic setting of the actual starting point of the cut.
- Electronic transducer to visualize band tensioning.
- Self regulation in real time of head down feed rate.
- Continuos control of the blade rotation. In case the blade is jammed, automatically the machine will stop.
- Adjustable rollers for bundle cutting on one row.
- Adjustable guide to unload cut pieces.
- Coolant tank inside the steel base with two electric pumps to lubricate and cool off the band saw blade. The drawer to collect chips can be replaced with a motorized chip auger (OPTIONAL).
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard delivered traditional lubrication with emulsible oil.
- Additional foot pedal with emergency stop (OPTIONAL).
- Wire chip brush for band cleaning.
- Emergency lamp with acoustic signal in case the machine is in a stand still situation.
- Machine arranged for handling with forklift.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.

SHARK
332-1 CCS

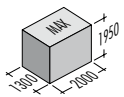
SHARK 332-1 CCS, manual band sawing machine to cut from -45° to +60°. Other than the manual pull down cutting mode can make single cuts without operator, using the head weight controlled by a hydraulic brake.
- CCS CYCLE: after having positioned the material and closed the vice, operator start the cycle, saw head comes down by gravity and controlled trough an hydraulic circuit, saw head is manually lifted and locked by the operator at whatever position by an hydraulic valve.

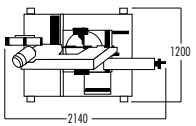
FEATURES:
- Electric system (wiring totally identifiable, stand-by, main lockable disconnect switch, pole change switch, emergency stop, motor magneto-thermal overload, minimum tension coil, protection against missing phase, low tension safety device 24 V).
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.

- Rotating table (mounted on a 420mm roller bearing, pre-loaded with thrust bearing) equipped with replaceable metal strips on the cutting surface.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard-delivered traditional lubrication with emulsible oil.
- Band tensioning with visualization on LCD by electronic transducer.
- Manual sliding vice sideways when machine mitre left or right. Fast material approach device.
- Coolant tank inside the steel base and drawer to collect chips.
- Electric pump for band lubrication and cooling.
- Wire chip brush for band cleaning.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Machine arranged for handling with forklift.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.

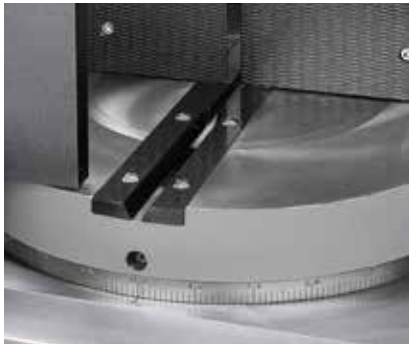


OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 12 - 20 - 34 - 57 - 65 - 72 - 80





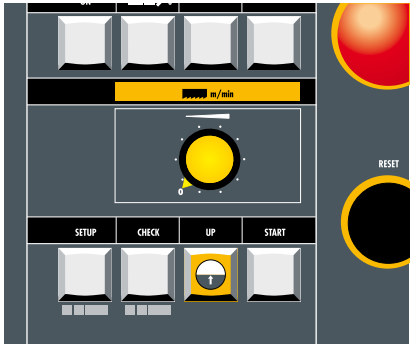
mm	kW	m/min	mm	+ 45°	300	260	330x250	
				+ 60°	260	250	260x200	
3650x27x0,9	1,5/1,8	40/80	335	- 45°	180	170	170x170	kg
					240	210	240x160	640

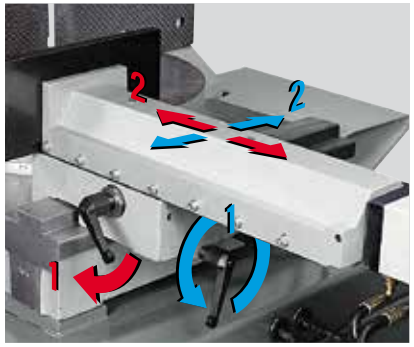


SHARK
332-1 SXI EVO

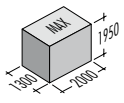
SHARK 332-1 SXI evo, semi-automatic electro-hydraulic sawing machine , with operation also in manual and semi-automatic dynamic cycle, for cutting from -45° to +60°.
- Machine equipped with a latest generation microprocessor controll specifically designed by Mep.
- SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- SEMI-AUTOMATIC DYNAMIC CYCLE: lowering the head manually, so as to position it just above the material, the semi-automatic cycle starts by pressing trigger switch on handle.
- CYCLE 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.

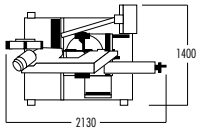
FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Control handle of the manual cycle at 24 V, IP55.
- Program with special cutting cycles.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Rotating table (mounted on a 420mm roller bearing, pre-loaded with thrust bearing) equipped with replaceable metal strips on the cutting surface.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- The limits of the head stroke are programmed through the control board, depending on the dimensions of the bars to be cut.
- Hydraulic vice sliding sideways when the machine mitre left or right. Fast material approach device.
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Steel base containing completely coolant also when mitering.
- Coolant tank inside the steel base and drawer to collect chips.
- Electric pump for band lubrication and cooling.
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine arranged for handling with forklift.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.





OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 12 - 20 - 32 - 34 - 50 - 57 - 66 - 72 - 80



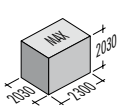


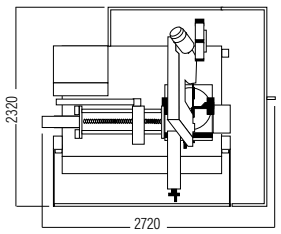
mm	kW	m/min	mm	0°	300	260	330x250	kg
				+ 45°	260	250	260x200	
3650x27x0,9	1,5/1,8	40/80	335	+ 60°	180	170	170x170	675
				- 45°	240	210	240x160	

SHARK
332-1 NC 5.0

SHARK 332-1 NC 5.0, electrohydraulic band sawing machine which can operate in automatic, semi-automatic, semi-automatic/dynamic and manual mode.
- Automatic cycle (to cut from 0° to +60°)
- Semi-automatic, semi-automatic/dynamic and manual cycle (for cuts from -45° to +60°).
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 14 - 15 - 21 - 33 - 34 - 35 - 37 - 52 - 57 - 58 - 60 - 72 - 73 - 76 - 80

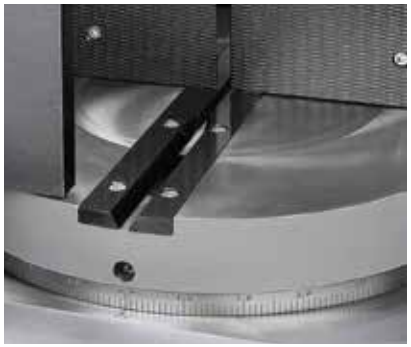




				0°					300	260	330x250
				+ 45°					260	250	260x200
mm	kW	m/min	mm	+ 60°					180	170	170x170
3650x27x0,9	2,2	15÷100	335	- 45°					240	210	240x160

kg
1190

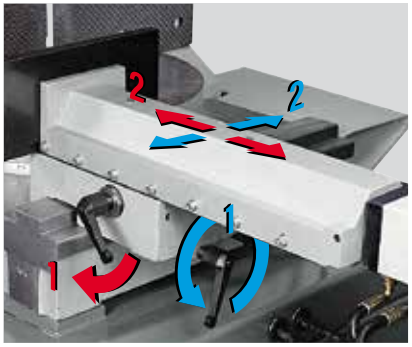
FEATURES:
- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Programmable plc up to 100 different jobs which can be made in sequence.
- Low voltage control panel installed on an articulated arm.
- Visualization and registration of alarms and events with the possibility to visualize the story of occurred events.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Rotating table (mounted on a 420mm roller bearing, pre-loaded with thrust bearing) equipped with replaceable metal strips on the cutting surface.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Cutting head and feeding vice positioning with joystick.
- Automatic setting of the actual starting point of the cut.
- Electronic transducer to visualize band tensioning.
- Self regulation in real time of head down feed rate
- Coolant tank inside the steel base with two electric pumps to lubricate and cool off the band saw blade. The drawer to collect chips can be replaced with a motorized chip evacuator (see optionals).
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard-delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine preset for being handled by forklift.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.

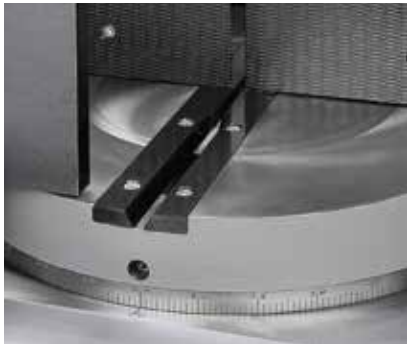


SHARK
382-1 SXI EVO

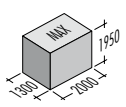
SHARK 382-1 SXI evo, semi-automatic electro-hydraulic sawing machine , with operation also in manual and semi-automatic dynamic cycle, for cutting from -45° to +60°.
- Machine equipped with a latest generation microprocessor controll specifically designed by Mep.
- SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- SEMI-AUTOMATIC DYNAMIC CYCLE: lowering the head manually, so as to position it just above the material, the semi-automatic cycle starts by pressing trigger switch on handle.
- CYCLE 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.

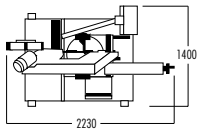
FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Control handle of the manual cycle at 24 V, IP55.
- Program with special cutting cycles.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Rotating table (mounted on a 420mm roller bearing, pre-loaded with thrust bearing) equipped with replaceable metal strips on the cutting surface.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- The limits of the head stroke are programmed through the control board, depending on the dimensions of the bars to be cut.
- Hydraulic vice sliding sideways when the machine mitre left or right. Fast material approach device.
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Steel base containing completely coolant also when mitering.
- Coolant tank inside the steel base and drawer to collect chips.
- Electric pump for band lubrication and cooling.
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine arranged for handling with forklift.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.



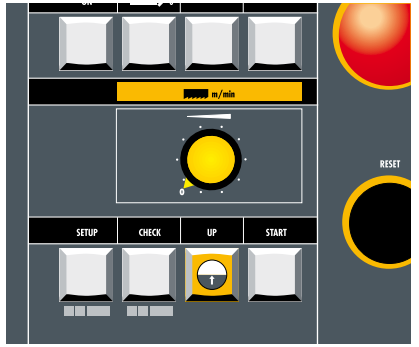


OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 12 - 32 - 34 - 38 - 66 - 74 - 77 - 78 - 82





mm	kW	m/min	mm					kg
3770x27x0,9	1,5/1,8	40/80	385	0°	300	250	380x250	
				+ 45°	260	250	300x200	
				+ 60°	180	170	200x170	
				- 45°	240	210	280x160	695



SHARK
452-1 SXI EVO

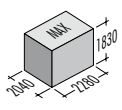
SHARK 452-1 SXI evo, semi-automatic electro-hydraulic sawing machine with 4500x34x1,1 mm band, to cut pipes, profiles and beams up to 450x320 mm at 0°.
- Extremely versatile machine mitering in between -60° and +60°.

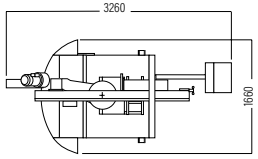
SEMIAUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- CYCLE DOWN UP : Operating in semiautomatic cycle, the new function DOWN makes the head and blade motor stop once the cut is finished with the vice closed, by pressing the UP button the head raises back to its starting point and the vice opens.

FEATURES:
- Low voltage control panel installed on an articulated arm.
- Latest generation hydraulic 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.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Rotating table mounted on a 280mm roller bearing, pre-loaded with thrust bearing with a wide supporting surface for the max safety.
- 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 sliding sideways when the machine mitre left or right. Fast material approach device.
- Manually-operated blade tensioning through electronic transducer displayed on the consolle.
- Moveable band saw blade guide on a vertical arm sliding on balls bearing linear guides.
- 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 forklift.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 22 - 23 - 32 - 34 - 44 - 66 - 74 - 77





mm	kW	m/min	mm	kg
4500x34x1,1	4,0	15÷100	455	1100

	O	H	L
0°	330	320	450x320
+ 45°	320	300	300x300
+ 60°	210	200	200x200
- 45°	320	300	300x300
- 60°	210	200	200x200

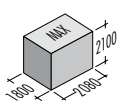
SHARK
230-1 NC HS 5.0

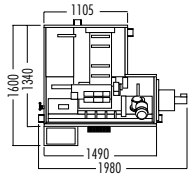
SHARK 230-1 NC HS 5.0, electrohydraulic automatic double-column bandsaw for 0° cuts on profiles and solid parts in structural, stainless and alloy steels, with restpiece which cannot be fed in automatic of 70 mm.
- It cuts dimensions up to 230x230 mm and can operate also in semi-automatic cycle.
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.
- Programmable plc up to 100 different jobs which can be made in sequence.

FEATURES
- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Low voltage control panel installed on an articulated arm.

- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Automatic setting of the actual starting point of the cut.
- Saw head mounted on a post and linear guide with pre-loaded ball bearings.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Self regulation in real time of head down feed rate.
- Manual band tension with LED display on control panel.
- Hydraulic power pack to supply the saw frame and the feeding and cutting vices. Variable pressure adjusters allow to set the clamping force.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 500mm in a single stroke with automatic blade kerf compensation.
- Feeder vice with sideways movement for self-adjustment in case of bars slightly deformed.
- Automatic retract of back jaw feeder vice to help the feed-in of bars heavily deformed (OPTIONAL).
- Driving pulley secured by tapered hub to ensure a strong fastening still allowing axial adjustment.
- Adjustable blade-guide heads in steel with carbide guide inserts, coolant taps for the traditional lubrication and preset to install the mist lubrication (OPTIONAL).
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
- Two vertical rollers to help aligning of the material.
- Outfeed adjustable guide for parts cut.
- Enclosed steel base with coolant tank and chip drawer, that can be replaced by a powered chip auger (OPTIONAL).
- Mechanical driven blade brush keeps the blade gullets clean, helping to maximaze blade performance and life.
- Sound and flashing indicator for machine shut-downs.
- Machine preset for being handled by forklift.
- Bi-metal band saw blade for solids and profles.
- Service keys and instructions manual, for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 11 - 14 - 15 - 34 - 53 - 54 - 57 - 58 - 61 - 69 - 72 - 73 - 80

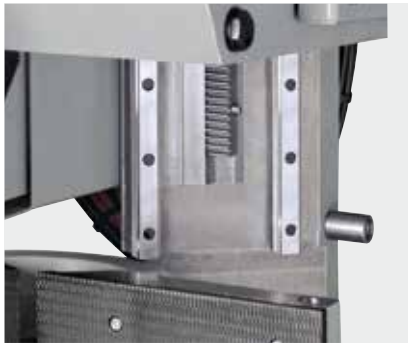




		inverter		OIL								
mm	kW	kW	mm	kW	l	kW	l	mm	0°	mm	mm	kg
15÷100	2,2	3,0	2950x27x0,9	1,1	33	0,18	95	235		230	230	1175

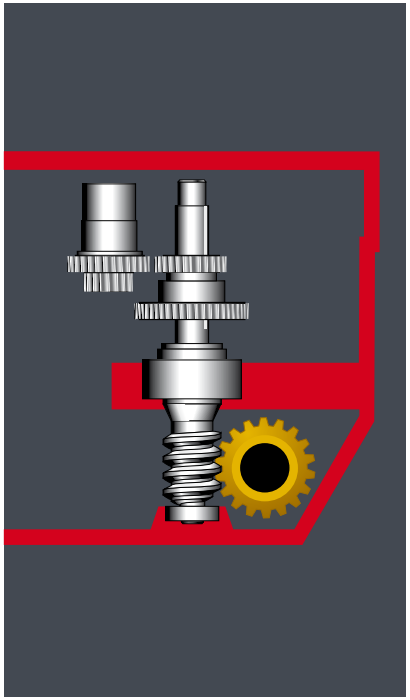
TIGER
352/MA

TIGER 352, manual vertical circular saw machine to cut ferrous material mitering from -45° to +60°, using HSS blade.
FEATURES:

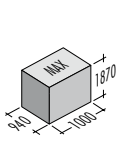


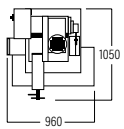
- Saw head mounted on doube limer guides with pre-loaded ball bearings.
- Electrical cabinet (numbered wires, main on/off lockable switch, motor thermal relay, minimum tension coil, missing phase protection, low tension safety device V.24).
- Low voltage IP55 control handle.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Saw head equipped with double set of gears to have higher torque and better cutting performance.
- Four speeds blade rotation 15/30/45/90 rpm (OPTIONAL 30/60/90/180 rpm).
- Vice and anti-burr device granting an adequate clamping of the material.
- Wire chip brush for circular saw cleaning.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Saw head equipped with double set of gears to have higher torque and better cutting performance.
- Steel base with chip drawer and removable coolant tray.
- Electrical pump for the blade lubrication and cooling.
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.

In the version with pneumatic vice (MA) the vice is opened/closed by the operator trough a valve (optional with pedal control).



OPTIONALS FROM PAG 47 - N° 02 - 03 - 05 - 09 - 13 - 26 - 39 - 43 - 71



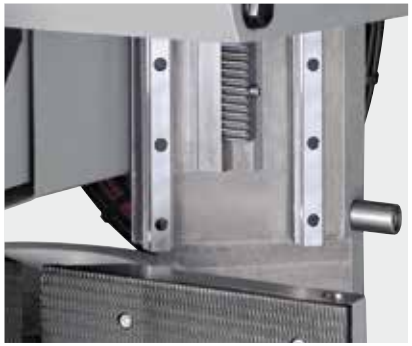


HSS					Ø				Ø		
				0°	350	115	95	180x95	350	90	
				+ 45°	350	110	95	125x95	350	64	
mm	kW	rpm	mm	+ 60°	350	90	90	90x90	350	45	kg
350x32x2,5	1,8/2,5	15/30/45/90	190	- 45°	350	110	95	125x95	350	64	380

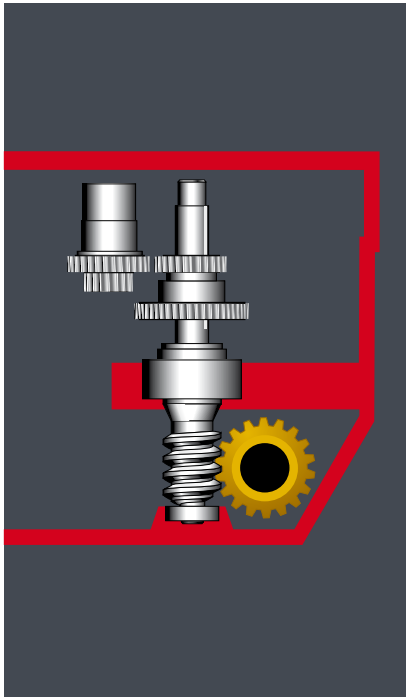
TIGER
352 SX EVO

TIGER 352 SX evo, semiautomatic vertical circular saw machine to cut ferrous material mitering from -45° to +60°, using HSS blade.

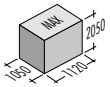
- Machine equipped with a latest generation microprocessor controll specifically designed by Mep.
SEMIAUTOMATIC CUTTING CYCLE: starting the cycle by means of the relative push-button, the following steps are carried out: - the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- CYCLE 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.

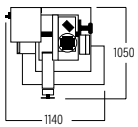


FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Record of alarms and events with the possibility to visualize the story of occurred events.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Vice and anti-burr device granting an adequate clamping of the material.
- Saw head mounted on doube limer guides with pre-loaded ball bearings.
- Four speeds blade rotation 15/30/45/90 rpm (OPTIONAL 30/60/90/180 rpm).
- Saw head mounted on a post and linear guide with pre-loaded ball bearings.
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Pneumatic vertical vice.
- Steel base with chip drawer and removable coolant tray.
- Electric pump for the blade lubrication and cooling.
- Wire chip brush for circular saw cleaning.
- HSS blade Ø 350x32x2.5 for solids or sections.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Preset to be equipped with the spray mist system (OPTIONAL).
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.



OPTIONALS FROM PAG 47 - N° 02 - 03 - 05 - 10 - 13 - 26 - 43 - 45 - 56 - 71



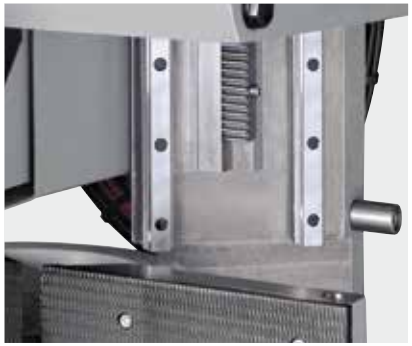


HSS					Ø				Ø		
				0°	350	115	95	180x95	350	90	
				+ 45°	350	110	95	125x95	350	64	
mm	kW	rpm	mm	+ 60°	350	90	90	90x90	350	45	kg
350x32x2,5	1,8/2,5	15/30/45/90	190	- 45°	350	110	95	125x95	350	64	410

TIGER
352 NC 5.0

TIGER 352 NC 5.0, automatic vertical circular saw machine to cut ferrous material mitering from -45° to +60°, using HSS blade.
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.

FEATURES:
- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Programmable plc up to 100 different jobs which can be made in sequence.
- Low voltage control panel installed on an articulated arm.
- Record of alarms and events with the possibility to visualize the story of occurred events.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Optimization of the torque in two ranges (12÷40 and 36÷120 rpm) combining the inverter features with the mechanical gear change (OPTIONAL 15÷50 and 45÷150 rpm with 3,0 kw motor and 5,5 kw inverter).
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.

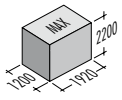


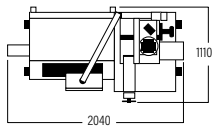
- Vice and anti-burr device granting an adequate clamping of the material.
- Self regulation in real time of head down feed rate.
- Saw head equipped with double set of gears to have higher torque and better cutting performance.
- Saw head mounted on doube limer guides with pre-loaded ball bearings.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Automatic setting of the actual starting point of the cut.

- Self regulation in real time of head down feed rate.
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Angles scale engraved on the rotating table.
- Feeder vice with alarmed safety cover stopping all functions of the saw if opened.
- Pneumatic vice clamping with metal gib to adjust backlash.
- Pneumatic vertical vice.
- Electric pump for the blade lubrication and cooling.
- Wire chip brush for circular saw cleaning.

- Indicator with flashing light in case cycle is stopped.
- HSS blade Ø 350x32x2.5 for solids or sections.
- Preset to be equipped with the spray mist system (OPTIONAL).
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 05 - 10 - 11 - 14 - 15 - 26 - 40 - 41 - 42 - 43 - 56 - 68 - 71 - 79





HSS					inverter	mm		Ø	○	□	▭	Ø	■	
mm		kW	rpm	rpm	kW									kg
350x32x2,5	STANDARD	2,6	12÷40	36÷120	3,0	190	0°	350	115	95	180x95	350	90	680
							+ 45°	350	110	95	125x95	350	64	
	OPTIONAL	3,0	15÷50	45÷150	5,5		+ 60°	350	90	90	90x90	350	45	
							- 45°	350	110	95	125x95	350	64	

TIGER
372 SX EVO

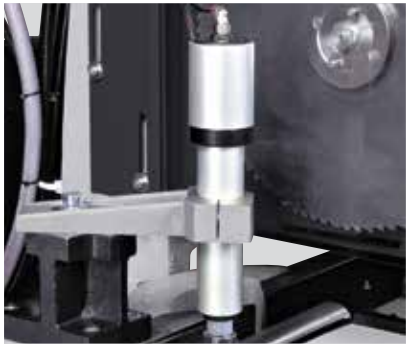
TIGER 372 SX evo, semiautomatic vertical circular saw machine to cut ferrous material mitering from -45° to +60°, using HSS blade.
- Machine equipped with a latest generation microprocessor controll specifically designed by MEP.
- SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- CICLE 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.

FEATURES:
- Low voltage control panel installed on an articulated arm.
- Display: 16 characters read on two lines so as to visualize technological parameters such as: + band speed + number of cuts programmed and carried out + cutting time + amperometer + diagnostics and/or caution messages (more than 100) visualized.
- Record of alarms and events with the possibility to visualize the story of occurred events.

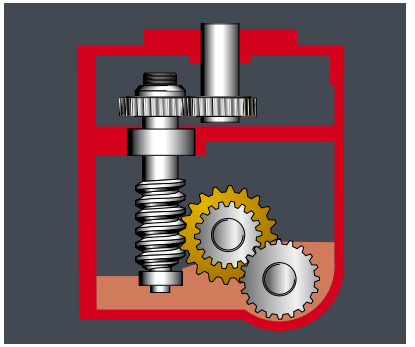
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Vice and anti-burr device granting an adequate clamping of the material.
- Saw head equipped with double set of gears to have higher torque and better cutting performance.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Saw head equipped with tripple set of gears to have higher torque and better cutting performance.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.

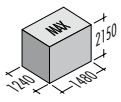
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Angles scale engraved on the rotating table.
- Feeder vice with alarmed safety cover stopping all functions of the saw if opened.
- Pneumatic vice clamping with metal gib to adjust backlash.
- Pneumatic vertical vice.
- Wire chip brush for circular saw cleaning.
- Steel base with chip drawer and removable coolant tray.
- Electric pump for the blade lubrication and cooling.
- Anti-burr device with double locking system of the stock.
- HSS blade Ø 350x32x2.5 for solids or sections.

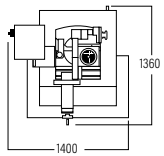
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Preset to be equipped with the spray mist system (OPTIONAL).
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.



OPTIONALS FROM PAG 47 - N° 02 - 03 - 05 - 10 - 11 - 26 - 41 - 43 - 56 - 71







HSS	inverter				Ø	○	□	▭	●	■	▬	
				0°	370	120	110	180x100	120	110	180x100	
				+ 45°	370	115	100	120x100	70	70	70x70	
mm	kW	rpm	mm	+ 60°	370	115	90	90x90	50	50	50x50	kg
370x32x3	5,5	15÷150	190	- 45°	370	115	100	120x100	70	70	70x70	600

COBRA
352 MA

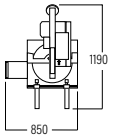
COBRA 352 MA, manual circular saw machine to cut aluminium and light alloy materials mitering from -45° to +45°, using carbide tipped saw blade. saw head can also be tilted from 0° to +45°.

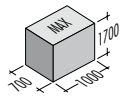
45°	160x35	180x20

FEATURES:
- Electrical cabinet (numbered wires, main on/off lockable switch, motor thermal relay, minimum tension coil, missing phase protection, low tension safety device V.24).
- Rotating table mounted on bearing for a smooth and precise rotation.
- Head locking system.
- Angles scale engraved on the rotating table.
- Adjustable mechanical stops at -45°, 0° and +45° to position the head quickly.
- Screw locking system to lock the head at any degree.
- Chip conveyor is predisposed to mount a chip collector.
- Automatic device to lubricate blade (mist system).
- Material is clamped by means of two pneumatic vices which can be sliding left and right. Both vices close automatically when operator pull the saw head down.
- Movable aluminium jaws which can be adjusted vertically.
- Stock support arm with roller predisposed to mount loading table.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Machine predisposed to be uplifted.
- The machine is supplied without saw blade.
- Service keys and instructions manual for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 06 - 31 - 39 - 62 - 71 - 79

kg	mm	kW	rpm	kW	rpm	mm					
							0°	120	105	180x70	80
225	HM 350x32x3,4	2,2	3400	1,5/2,2	1700/3400	180	+45°	120	100	135x60	55
							-45°	110	95	135x60	55





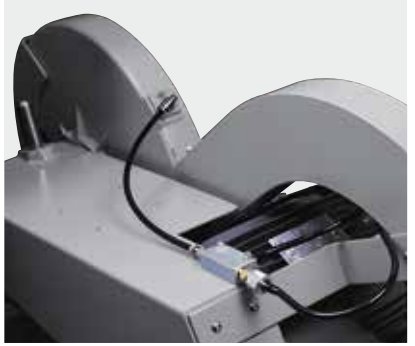
COBRA
352 SX EVO

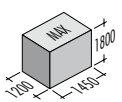
COBRA 352 SX evo semiautomatic circular saw machine to cut aluminium and light alloy materials mitering from -45° to +45°, using carbide tipped saw blade. Saw head can also be tilted from 0° to +45°.
- Machine equipped with a latest generation microprocessor controll specifically designed by MEP.
- SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.
- CICLE 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.

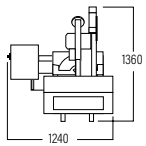
45°	160x35	180x20

FEATURES:
- Display: 16 characters read on two lines so as to visualize technological parameters such as: + number of cuts carried out + cutting time + amperometer + diagnostics and/or caution messages (more than 100) visualized.
- Record of alarms and events with the possibility to visualize the story of occurred events.
- Low voltage control panel installed on an articulated arm.
- Alarmed safety cover to protect the operator.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Angles scale engraved on the rotating table.
- Material is clamped by means of two pneumatic vices which can be sliding left and right. Both vices close automatically when operator pull the saw head down.
- Head locking system.
- Pneumatic vertical vice.
- Adjustable mechanical stops at -45°, 0° and +45° to position the head quickly.
- Chip conveyor predisposed to mount optional chip collector (OPTIONAL).
- Automatic device to lubricate the blade only when the machine is cutting (mist system).
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- The machine is supplied without saw blade.
- Machine predisposed to be uplifted.
- Service keys and instructions manual for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 06 - 10 - 31 - 39 - 45 - 56 - 59 - 62 - 71 - 79







mm	kW	rpm	mm	0°	120	105	180x70	80	kg
HM 350x32x3,4	1,5/2,2	1700/3400	180	+45°	120	100	135x60	55	285
				-45°	110	95	135x60	55	

COBRA
352 NC 5.0

COBRA 352 NC 5.0 automatic circular saw machine to cut aluminium and light alloy materials mitering from -45° to +45°, using carbide tipped saw blade. saw head can also be tilted from 0° to +45°.
- CNC machine with windows base mep50 control. This plc has been specifically designed by mep for the automation of its products range.

FEATURES:
- Low voltage control panel installed on an articulated arm.
-7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Programmable plc up to 100 different jobs which can be made in sequence.
- Record of alarms and events with the possibility to visualize the story of occurred events.

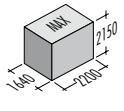
45°	160x35	180x20

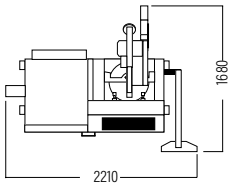
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Alarmed safety cover to protect the operator.
- Automatic setting of the actual starting point of the cut.
- Rotating table mounted on bearing for a smooth and precise rotation.
- Angles scale engraved on the rotating table.

- Material is clamped by means of two pneumatic vices which can be sliding left and right. Both vices close automatically when operator pull the saw head down.
- Head locking system.
- Adjustable mechanical stops at -45°, 0° and +45° to position the head quickly.
- Chip conveyor predisposed to mount optional chip collector (OPTIONAL).
- Self regulation in real time of head down feed rate.
- Pneumatic vertical vice.

- Automatic device to lubricate the blade only when the machine is cutting (mist system).
- Indicator with flashing light in case cycle is stopped.
- The machine is supplied without saw blade.
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.

OPTIONALS FROM PAG 47 - N° 02 - 03 - 06 - 10 - 14 - 15 - 31 - 46 - 47 - 48 - 56 - 62 - 63 - 71 - 79



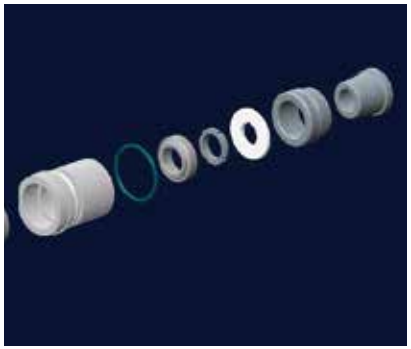


mm	kW	rpm	mm	0°	120	105	180x70	80	kg
HM 350x32x3,4	2,6/3,6	1700/3400	180	+45°	120	100	135x60	55	605
				-45°	110	95	135x60	55	

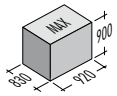
FALCON
352/MA

FALCON 352 manual pivot circular saw machine to cut ferrous material mitering from -45° to +60°, using hss blade.
Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
FALCON 352 is available as a bench model or eventually with the steel base, with a 2-speed three-phase motor. Furthermore upon request it can be supplied with an automatic vice (FALCON 352 MA, so that the vice closes automatically when lowering the head). In the MA version the machine is always supplied complete with steel base.

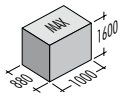
FEATURES:
- Motor insulation class IP54.
- Worm screw shaft mounted on a pair of bushings.
- Blade shaft assembled on two preloaded taper bearings on eccentric bushing.
- Externally adjustable blade clutch.
- Clamping system by means of vice screw which slides on taper slide with adjustable gib.
- Angles scale engraved on the rotating table.
- Vice jaws can be adjusted sideways so as to clamp properly the material.
- Adjustable steel anti-burr device.
- Coolant submerged pump V.48.
- Double head return spring.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- Machine predisposed to be uplifted.
- The machine is supplied without saw blade.
- Service keys and instructions manual for maintenance and spare parts list.

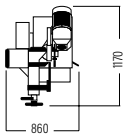


FALCON 352



FALCON 352MA





OPTIONALS FROM PAG 47 - N° 01 - 02 - 05 - 25 - 64 - 71 - 79

		HSS					Ø	○	□	▭	Ø	■
FALCON	kg	mm	kW	rpm	mm	0°	350	115	100	130x80	250	50
352	220	350x32x2,5	1,1/2,2	30/60	130	+45°	350	100	85	90x80	250	40
352MA	245					-45°	350	75	75	90x65	250	40

OPTIONALS

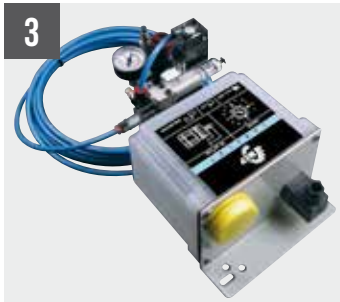
1

Cut to measure stop with millimetered scale 0-600 mm

2

Emulsible oil Lt. 5

3

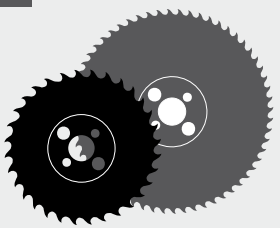


Spray mist system

4

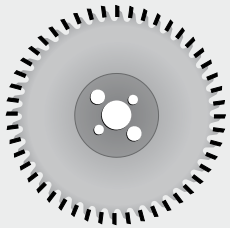
Bi-metal band

5



Circular blade HSS

6



Circular blade HM

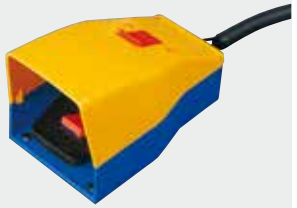
7

SHARK 281
Cut Control System (kit to retrofit)

8

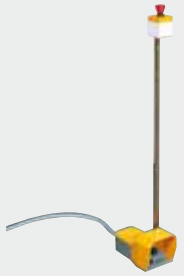
SHARK 282
Cut Control System (kit to retrofit)

9



MA - Foot pedal control for vice

10

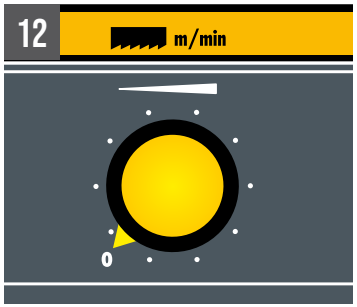


Supplementary foot pedal control w/ emergency stop

11

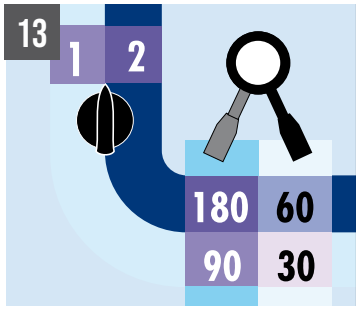
Conforming to any other voltage

12



Electronic speed variator (inverter)

13

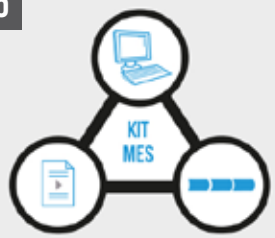


TIGER 352/352SXevo
rpm 30/60/90/180

14

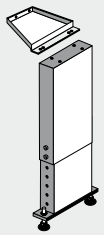
KIT Iot Industry 4.0 ready

15



Kit MES

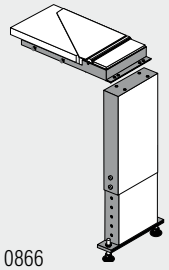
16



Cod. 090 0800

SHARK 281 SXI evo
Adapter for unloading table

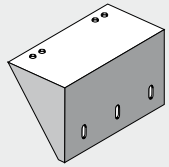
17



Cod. 090 0866

SHARK 281 NC 5.0
Adapter for unloading table

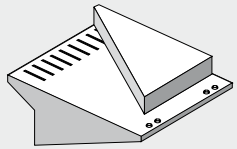
18



Cod. 016 0985

PH 262
Adapter for loading table

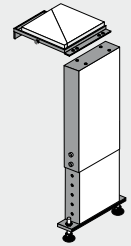
19



Cod. 016 0986

PH 262
Adapter for unloading table

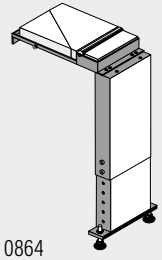
20



Cod. 090 0861

SHARK 282/332-1/CCS/SXI evo
Adapter for unloading table

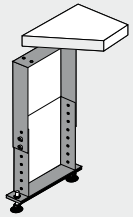
21



Cod. 090 0864

SHARK 282/332-1 NC 5.0
Adapter for unloading table

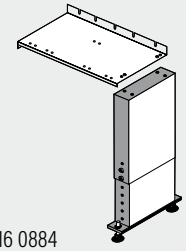
22



Cod. 016 0885

SHARK 452-1
Adapter for loading table

23

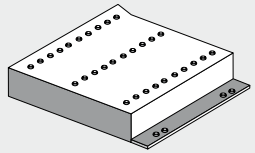


Cod. 016 0884

SHARK 452-1
Adapter for unloading table

24

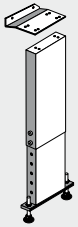
25



Cod. 016 0867

FALCON 352
Adapter for unloading table

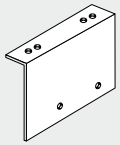
26



Cod. 090 0863

TIGER 352/372
Adapter for unloading table

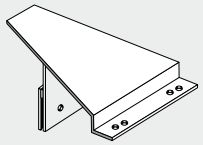
27



Cod. 016 0901

PH 211-1
Adapter for loading table

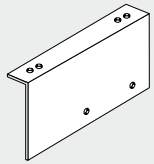
28



Cod. 016 0896

PH 211-1
Adapter for unloading table

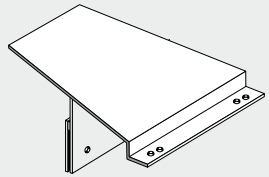
29



Cod. 016 0903

PH 261-1
Adapter for loading table

30

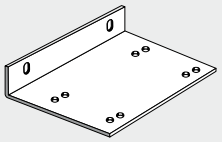


Cod. 016 0902

PH 261-1
Adapter for unloading table

OPTIONALS

31



Cod. 016 0868

COBRA 352
Adapter for unloading table

32

SHARK SXI evo
Hydraulic vice pressure adjuster

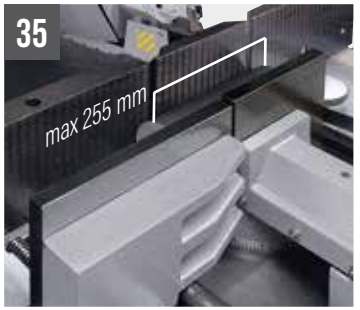
33

SHARK NC 5.0
Hydraulic vice pressure adjuster

34

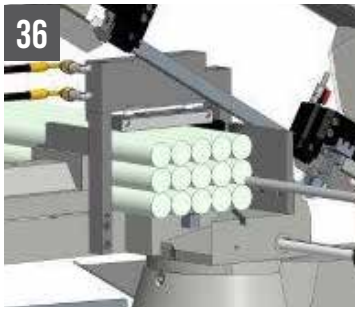
Laser projector + work light

35



SHARK 332-1 NC 5.0
Special vice to reduce restpiece

36

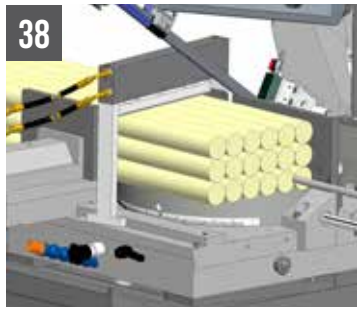


SHARK 281 SXI evo - Hydraulic vertical vice for bundle cutting max. 170x130 mm

37

SHARK 332-1 NC 5.0
Adjustable guide to unload pieces cut

38

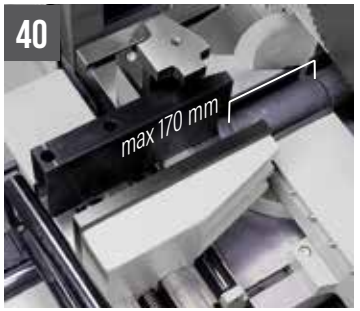


SHARK 382-1 SXI evo - Hydraulic vertical vice for bundle cutting max. 380x160 mm

39

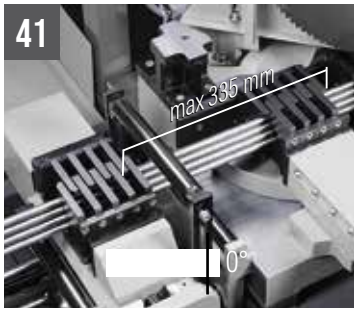
TIGER 352 MA/COBRA 352MA
Pneumatic vertical vice

40



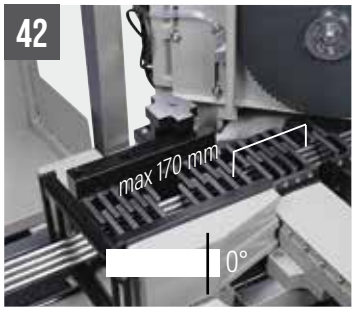
TIGER 352 NC 5.0
Special vice to reduce restpiece

41



TIGER 352 NC 5.0 max 70x70 - min 8x8
set of comb jaws for bundle cutting

42

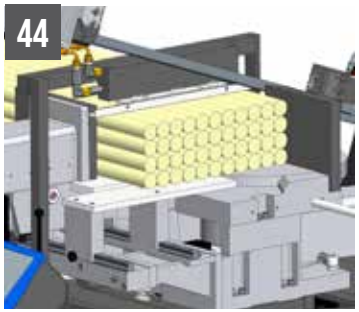


TIGER 352 NC 5.0 - Set of comb jawswhen equipped w/restpiece reduction min. (max 70x70 mm - min 8x8)

43

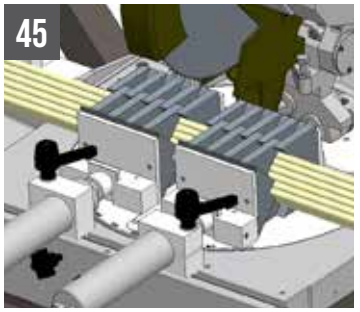
TIGER 352 MA/SXevo/NC 5.0
TIGER 372 SXevo
Supplementary pneumatic vice

44



SHARK 452-1 SXI evo - Hydraulic vertical vice for bundle cutting max. 450x180 mm

45

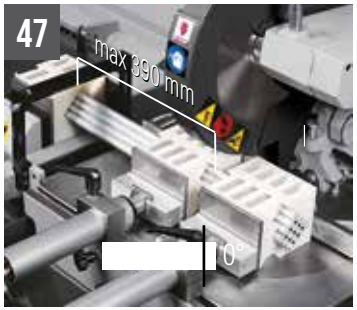


COBRA 352 SX evo - Set of comb jaws for bundle cutting (max. 70x70 mm)

46

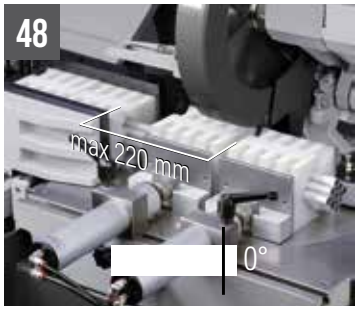
COBRA 352 NC 5.0
Special vice to reduce restpiece

47



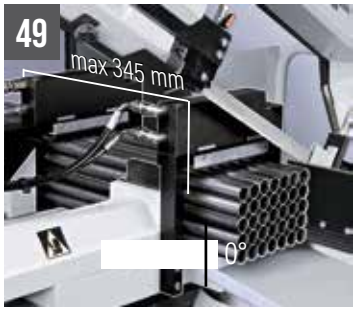
COBRA 352 NC 5.0 - set of comb jaws in teflon for bundle cutting
(max mm 75x75 - min 20x20)

48



COBRA 352 NC 5.0 - Set of comb jaws when equipped w/restpiece reduction min. (max 75x75 mm - min 20x20)

49

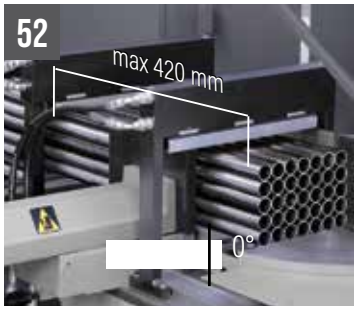


SHARK 281 NC 5.0/282 SXI evo
Hydraulic vertical vices for bundle cutting
(max 170x130 mm)

50

SHARK 332-1 SXI evo - Hydraulic overhead bundling for bundle cutting
(max 320x160 mm)

52

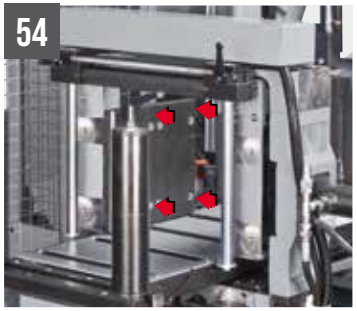


SHARK 332-1 NC 5.0
Hydraulic vertical vices for bundle cutting
(max 320x160 mm)

53

SHARK 230-1 NC HS 5.0
Hydraulic vertical vices for bundle cutting
(max 230X230 mm)

54



SHARK 230-1 NC HS 5.0
Automatic rear feeder jaw retract 8mm

56

loading table for comb jaws
(componable modules 1500 mm)

57

two sets of vertical rollers for roller table with covering KK 330

58

two sets of vertical rollers for roller table with covering KK 330 HD

59

Chip collector electrical connection

60

Powered chip conveyor

OPTIONALS

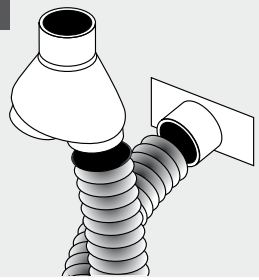
61

SHARK 230-1 / 331-1 NC 5.0 spider
Powered chip auger

62

Chip collector

63

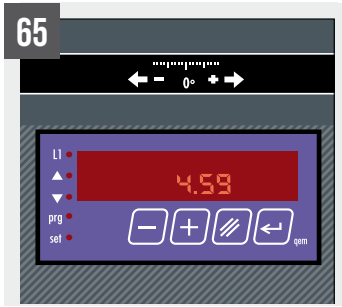


COBRA NC 5.0
Double suction system

64

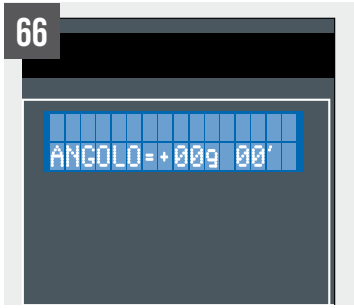
Steel base

65

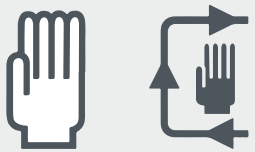


Digital Angle Display

66



SHARK 332-1/382-1/452-1 SXIevo
Cutting angle displaying



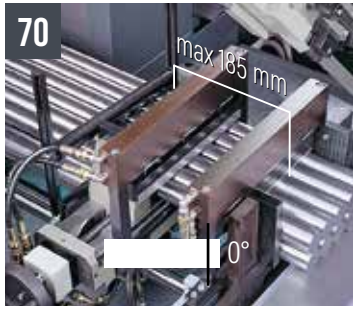
SHARK 281 SXI evo
Manual and semi-automatic dynamic cycle

TIGER 352 NC 5.0
Blade Speed 15÷150 rpm - Inverter 5,5 kW

69

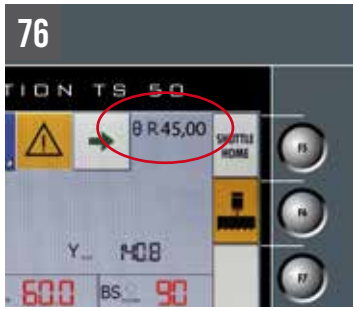
SHARK 230-1 NC HS 5.0
Front split vise

70



SHARK 331-1 NC 5.0 spider - Hydraulic
vertical vices for bundle cutting
(max 320x150 mm)

76

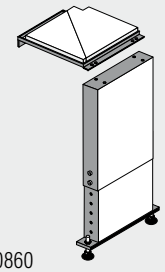


SHARK 332-1 NC 5.0
Digital Angle Display

77

two sets of vertical rollers for roller table
with covering KK 460

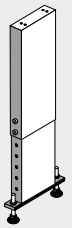
78



Cod. 090 0860

SHARK 382-1 SXI
KK 460 Adapter for unloading table

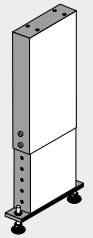
79



Cod. 016 0822

support table KK 200

80



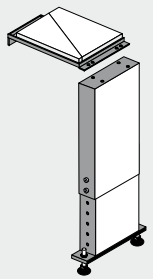
Cod. 016 0828

support table KK 330

STOP AND MEASURING ROD

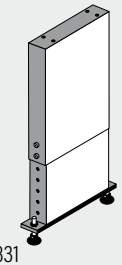
ROLLER TABLES

81



SHARK 331-1 NC 5.0 Spider
Adapter for unloading table

82



Cod. 016 0831

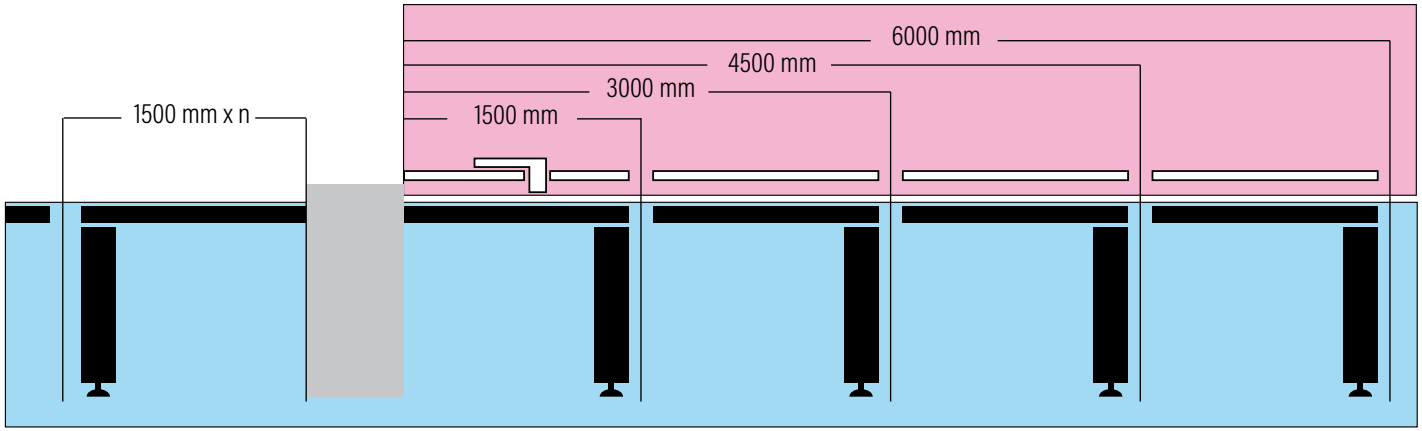
support table KK 460

83

Adjustable guide to unload pieces

stop and measuring rod **R**

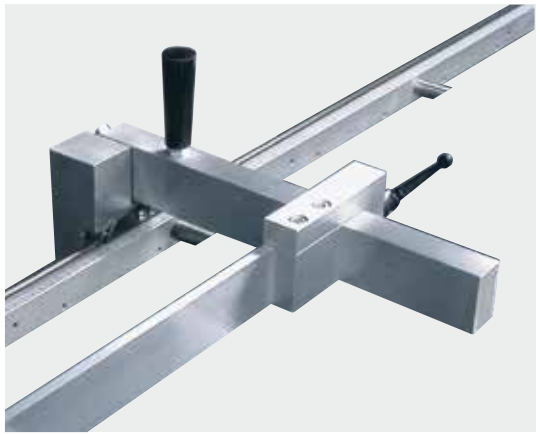
roller tables **K**



	KK 200	KK 330	KK 330 HD	KK 460
R1	●	●		
R2	●	●		●
R3	●	●		●

STOP AND MEASURING ROD

R1



R1 FLIP OVER STOP (light version): it can be mounted on KK 200 and KK 330 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 KK 200, KK 330, KK 460 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 KKK 200, KK 330, KK 460 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

71

KK 200

72

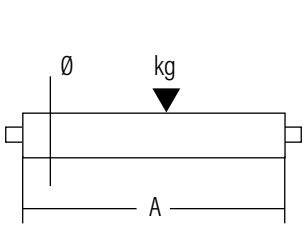
KK 330

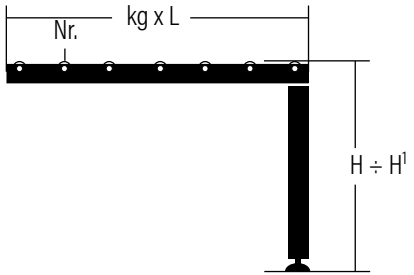
73

KK330 HD

74

KK 460





Model	Ø mm	kg	A	P	Nr. x L	kg x L	H ÷ H[1]
KK 200	24	40	190	245	7	280 X 1500	735 ÷ 1070
KK 330	32	110	330	360	6	660 X 1500	618 ÷ 908
KK 460	35	210	460	490	6	1260 X 1500	620 ÷ 915
KK 330 HD	50	250	340	371	6	1500 X 1514	840 ÷ 910

BANDSAWING MACHINES

	Rest piece no longer feeded - standard (mm)	Rest piece no longer feeded with vice to reduce restpiece (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)
PH 211/1	-	-	-	-	-	935	-	10	-	2130 ±20 x 20 x 0.9
PH 211/1 - HB	-	-	-	-	-	935	-	10	-	2130 ±20 x 20 x 0.9
PH 261/1	-	-	-	-	-	950	-	15	-	2450 ±20 x 27 x 0.9
PH 261/1 - HB	-	-	-	-	-	950	-	15	-	2450 ±20 x 27 x 0.9
PH 262	-	-	-	-	-	950	-	15	-	2450 ±20 x 27 x 0.9
PH 262 - HB	-	-	-	-	-	950	-	15	-	2450 ±20 x 27 x 0.9
SHARK 281	-	-	-	-	-	870	-	13		2950 ±20 x 27 x 0.9
SHARK 281 CCS	-	-	-	-	-	870	-	13	-	2950 ±20 x 27 x 0.9
SHARK 281 SXI evo	-	-	-	-	-	875	-	13	-	2950 ±20 x 27 x 0.9
SHARK 281 NC 5.0	260	-	10	4.0	1360	870	max 170 x 130	120	2.5	2950 ±20 x 27 x 0.9
SHARK 282	-	-	-	-	-	870	-	13	35	2950 ±20 x 27 x 0.9
SHARK 282 CCS	-	-	-	-	-	870	-	13	-	2950 ±20 x 27 x 0.9
SHARK 282 SXI evo	-	-	-	-	-	861	-	13	2.5	2950 ±20 x 27 x 0.9
SHARK 331-1 NC 5.0 spider	210	-	10	4.0	1360	900	max 320 x 150	100	35	3650 ±20 x 27 x 0.9
SHARK 332-1 CCS	-	-	-	-	-	870	-	60	-	3650 ±20 x 27 x 0.9
SHARK 332-1 SXI evo	-	-	-	-	-	870	-	60	2.5	3650 ±20 x 27 x 0.9
SHARK 332-1 NC 5.0	400	255	10	4.0	1360	870	max 320 x 160	120	35	3650 ±20 x 27 x 0.9
SHARK 382-1 SXI evo	-	-	-	-	-	870	-	60	2.5	3770 ±20 x 27 x 0.9
SHARK 452-1 SXI evo	-	-	-	-	-	870	-	80	2.5	4500 ±20 x 34 x 1.1
SHARK 230-1 NC HS 5.0	85	-	10	4.0	1360	870	230 x 230	95	33	2950 ±20 x 27 x 0.9

VERTICAL SAWING MACHINES FOR METALS

PIVOT SAWING MACHINES FOR METALS

PIVOT SAWING MACHINES FOR ALUMINIUM

	Rest piece no longer feeded - standard (mm)	Rest piece no longer feeded with vice to reduce restpiece (mm)	Minimum cutting length (mm)	Speed of feeding vice Max (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 specification (mm)
TIGER 352/MA	-	-	-	-	-	950	-	20	-	HSS 350 x 32 x 2.5
TIGER 352 SX evo	-	-	-	-	-	950	-	20	-	HSS 350 x 32 x 2.5
TIGER 352 NC 5.0	320	170	10	4.5	1360	950	70 x 70	20	-	HSS 350 x 32 x 2.5
TIGER 372 SX evo	-	-	-	-	-	950	-	80	-	HSS 370 x 32 x 3.0
FALCON 352/MA	-	-	-	-	-	970	-	4.2	-	HSS 350 x 32 x 2.5
COBRA 352 MA	-	-	-	-	-	940	-	1/10	-	HM 350 X 32 X 3.4
COBRA 352 SX evo	-	-	-	-	-	940	-	1/10	-	HM 350 X 32 X 3.4
COBRA 352 NC 5.0	385	220		4.6	1360	940	75 x 75	1/10	-	HM 350 X 32 X 3.4

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

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61045 Pergola (PU) Italy

DEALER

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

IN THE MUSEUM OF OUR CITY THE ONLY GROUP OF GOLDEN BRONZE STATUS IN THE WORLD

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