2024 NETWORK

MEP | SAWING AND WIDE SOLUTIONS

1964
Year of foundation

5
Headquarters in 4 continents

41000
smq of production plant

324
Employees

550
Distributors and dealers

120
Countries to which our products are distributed

114
Sawing machines models

400
Material Handling System solutions

100
Customized solutions manufactured annually

1000 X 2000
Maximum cutting capacity (mm)

5500
Machines manufactured annually

74 M
Euro annual turnover

"... Believing that digitalization is the key to remaining competitive in the market and improving the quality of products and services, our goal is to promote innovation and sustainable development by putting at the service of our customers solutions that integrate the knowledge gained during the digitalization process: actually, as part of our business strategy, we position ourselves as a pioneer in the digitalization of our processes and the continuous search for new technologies aimed at improving our efficiency, precision and productivity.

...

Digitalization, accelerated by the recent introduction of artificial intelligence, remains the beating heart of our operations, from the development and design of our products, to manufacturing and logistics, and we are convinced that the direct knowledge of digital technologies acquired through observation, use and daily practice is the differentiating element that allows us to perform best in the market by offering solutions suitable for every type of customer."

REVOLUTIONIZING THE FUTURE OF METAL CUTTING THROUGH INNOVATIVE SUSTAINABLE TECHNOLOGIES

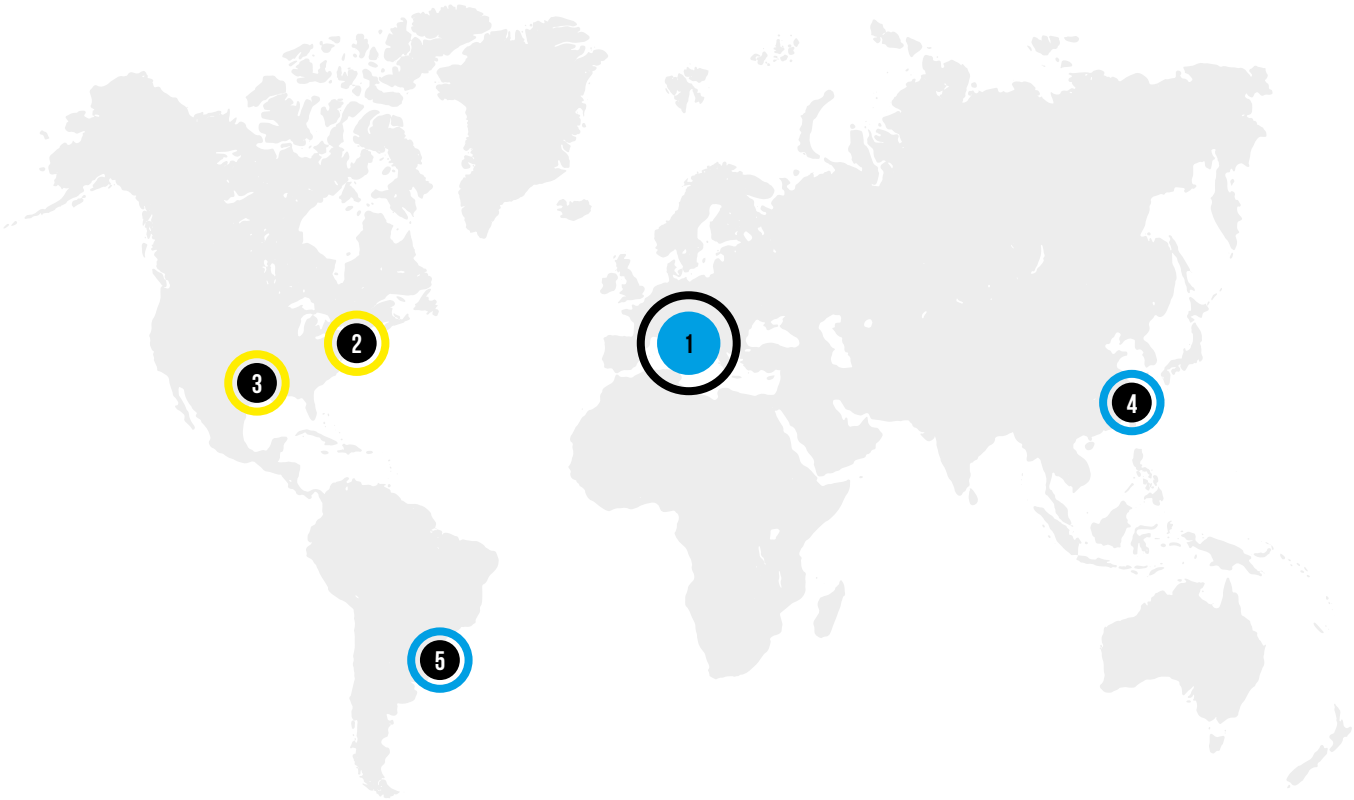
"... Our products and services for metal cutting are transforming the future of digital factory by offering a wide range of solutions to improve the efficiency and automation of production processes: this holistic approach has actually consolidated Industry 4.0 standards and is helping to define the new horizons of Industry 5.0 through programming and management, control and monitoring software applications, exclusive cutting cycles and integration services."

MEP GROUP

We are specialized in the design and production of band and circular sawing machines for metal cutting that meet the most varied needs in the field of forming and chip removal of ferrous and non-ferrous materials.

Pioneer of digitalization in the sawing machine industry, the company has always attached the utmost importance to process automation in order to remain competitive in the market: **the wide range of sawing machines is made up of standard automation and digitalization solutions that can be enhanced with customized solutions according to customer needs.**

Moreover, as an all-round solutions provider, we offer **not only cutting-edge sawing machines and integrated services, but also high-tech peripheral devices and innovative accessories.**



2 HYDMECH
Woodstock, ON
Canada

3 HYDMECH inc.
Conway, AR
USA

1 MEP SPA
Pergola (PU)
Italy

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

5 MEP DO BRASIL LTDA.
São Paulo - SP
Brazil

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PRODUCTION PROCESS

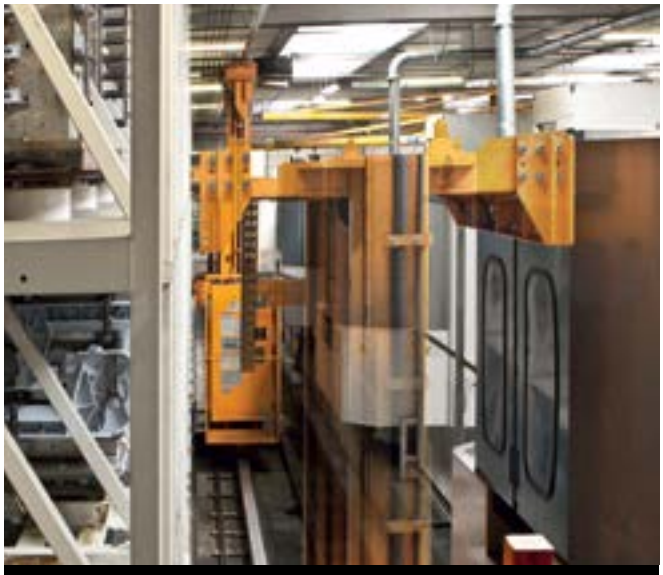
The excellent cutting precision of MEP machines is largely due to their G25 cast iron frames, which are deburred and then blasted with steel shot prior to painting. To ensure maximum flexibility in production, a large number of these painted, cast iron frames are always kept in stock ready for machining.

Nearly all material is processed in MEP's three FMS machining centres. These are served from a single automated warehouse system capable of handling a large number of different parts uninterruptedly, even overnight, to ensure maximum flexibility in production.
Each machining centre has its own tool store and preset system to change tools whenever they no longer conform to the requirements of the machining program.

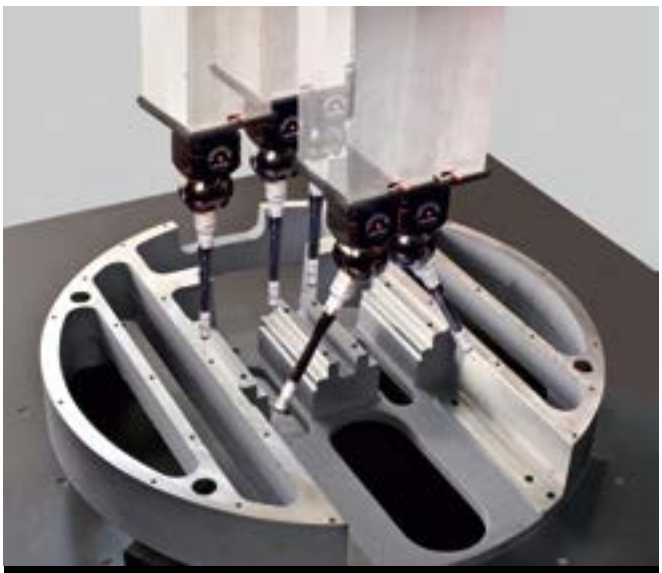
DEBURRING

PAINTWORK

PAINTED PRODUCT STORES



MACHINING



QUALITY CONTROL

MACHINED CAST IRON STORES

PRE-ASSEMBLY

ASSEMBLY ISLANDS

A measuring system that operates at a controlled temperature samples the dimensions of machined parts to ensure constant uniformity. Once machined, cast iron parts are stored in a large warehouse ready for picking and assembly.

A dedicated department assembles all complex mechanisms and performs all adjustments and calibrations that require particular care. 10 assembly islands, each handling limited quantities at a time, are served by the high speed FMS machining centres and large castings store to ensure extremely flexible production and to reduce delivery times for almost 50 different models of sawing machine.

LEGEND

AUTOMATIC CUTTING CYCLE	THREE-PHASE POWER
SEMI-AUTOMATIC CUTTING CYCLE	SINGLE-PHASE POWER
SEMI-AUTOMATIC/DYNAMIC CUTTING CYCLE	CUTTING SPEED SELECTOR
	INVERTER MOTOR POWER
MANUAL CUTTING CYCLE	MAX VICE OPENING
ELECTROHYDRAULIC	CUTTING ANGLE
ELECTROPNEUMATIC	PROFILES
ELECTROMECHANICAL	
FERROUS MATERIALS	SOLIDS
NON-FERROUS MATERIALS	
CIRCULAR BLADE/BAND SIZE	SAWING MACHINE WEIGHT

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

The published photos may include non-standard details.

INDEX

MANUAL BAND SAWING MACHINES

AUTOMATIC, SEMI-AUTOMATIC AND MANUAL BAND SAWING MACHINES

HSS CIRCULAR SAWING MACHINES

HM CIRCULAR SAWING MACHINES FOR ALUMINIUM

HSS CIRCULAR SAWING MACHINES

PH

THE SMALL BAND SAWING MACHINES WITH HIGH PERFORMANCE

When there is no need for large production batches but flexibility and user-friendliness with a minimum investment, the PH line of manual band sawing machines is the right choice. Small workshops, toolrooms and maintenance departments will surely find their ideal sawing machine in this range. Small machines for those who think big.

MANUAL

Ideal sawing machines for small size production batches, trim cuts or cuts of parts on a wide range of materials. Presence of the operator is necessary during the cutting cycle and, where appropriate, he shall also measure the piece to cut. Due to the characteristics of the band saw blade, the cut finishing is raw.

INDEX CHAPTER PH

PH
211-1/HB

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

PH 211-1 HB, manual pull-down band sawing machine to cut metals from 0° to +60°, can perform, in addition to manual cutting, even single cuts without operator.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

• The safety switches ensure an immediate blade rotation stop in case of blade safety cover opening or blade breakage.

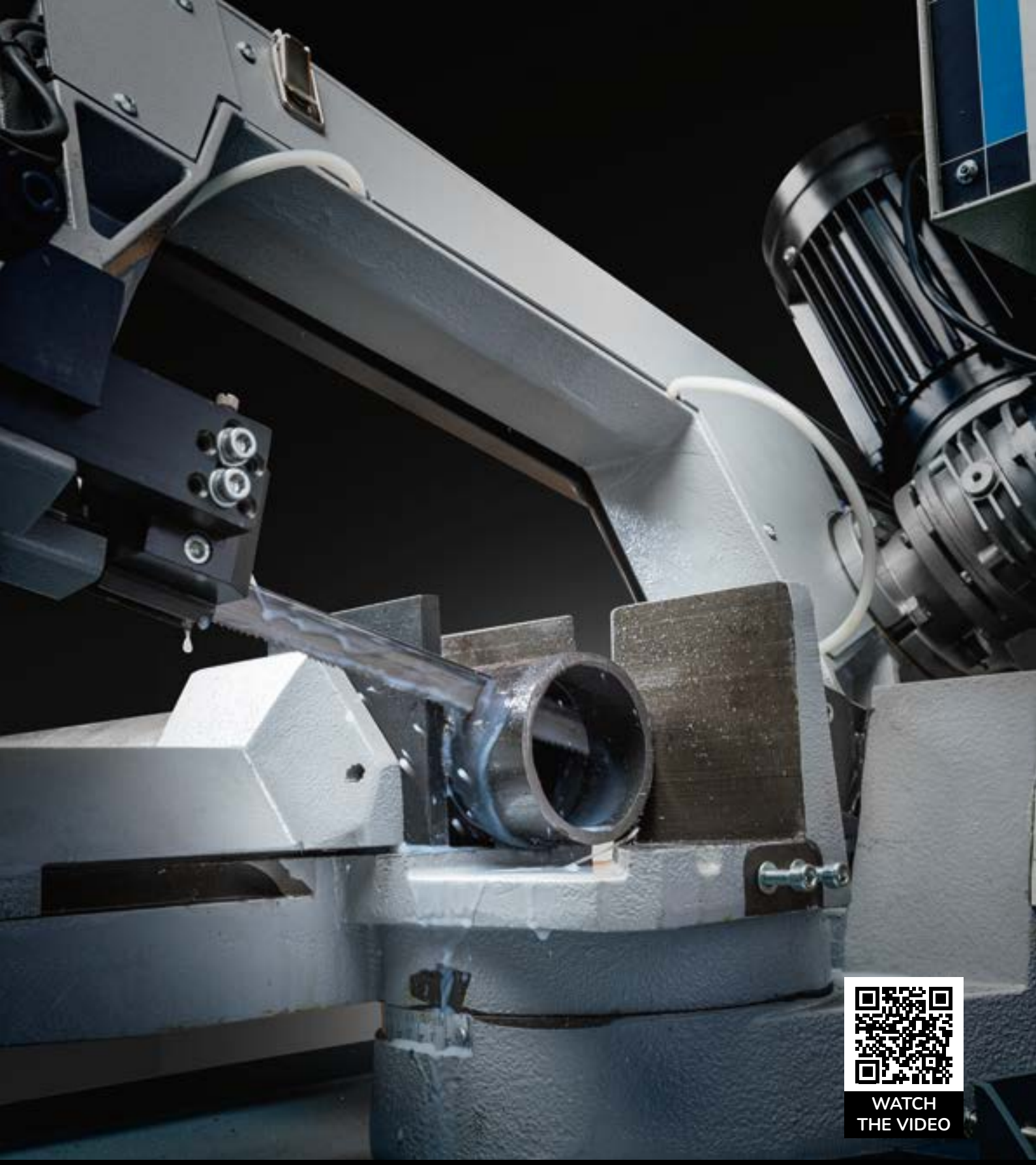
EXCEPTIONAL FLEXIBILITY

• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• The rapid locking/unlocking clamping system allows to perform all cuts in a quick and efficient way.

• The flip over stop to make cuts of the same length is the perfect solution for precision and serial cuts at any length.

• Saw head down feed rate by gravity through the HB (Hydraulic Brake) system which, in addition to manual cutting, allows to execute single cuts without operator, who can choose the desired function through a selector on the control panel.



OPTIONS AT PAGE 16 - N° 02 - 04 - 27 - 28 - 71

						0°	180	180	200x150	
mm	kW	m/min	kW	m/min	mm	+45°	115	110	125x110	kg
2130x20x0.9	1.25	80	0.70/0.81	40-80	218	+60°	70	70	70x70	190

PH
261-1/HB

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

PH 261-1 HB, manual pull-down band sawing machine to cut metals mitering from 0° to +60°, can perform, in addition to manual cutting, even single cuts without operator.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

• The safety switches ensure an immediate blade rotation stop in case of blade safety cover opening or blade breakage.

EXCEPTIONAL FLEXIBILITY

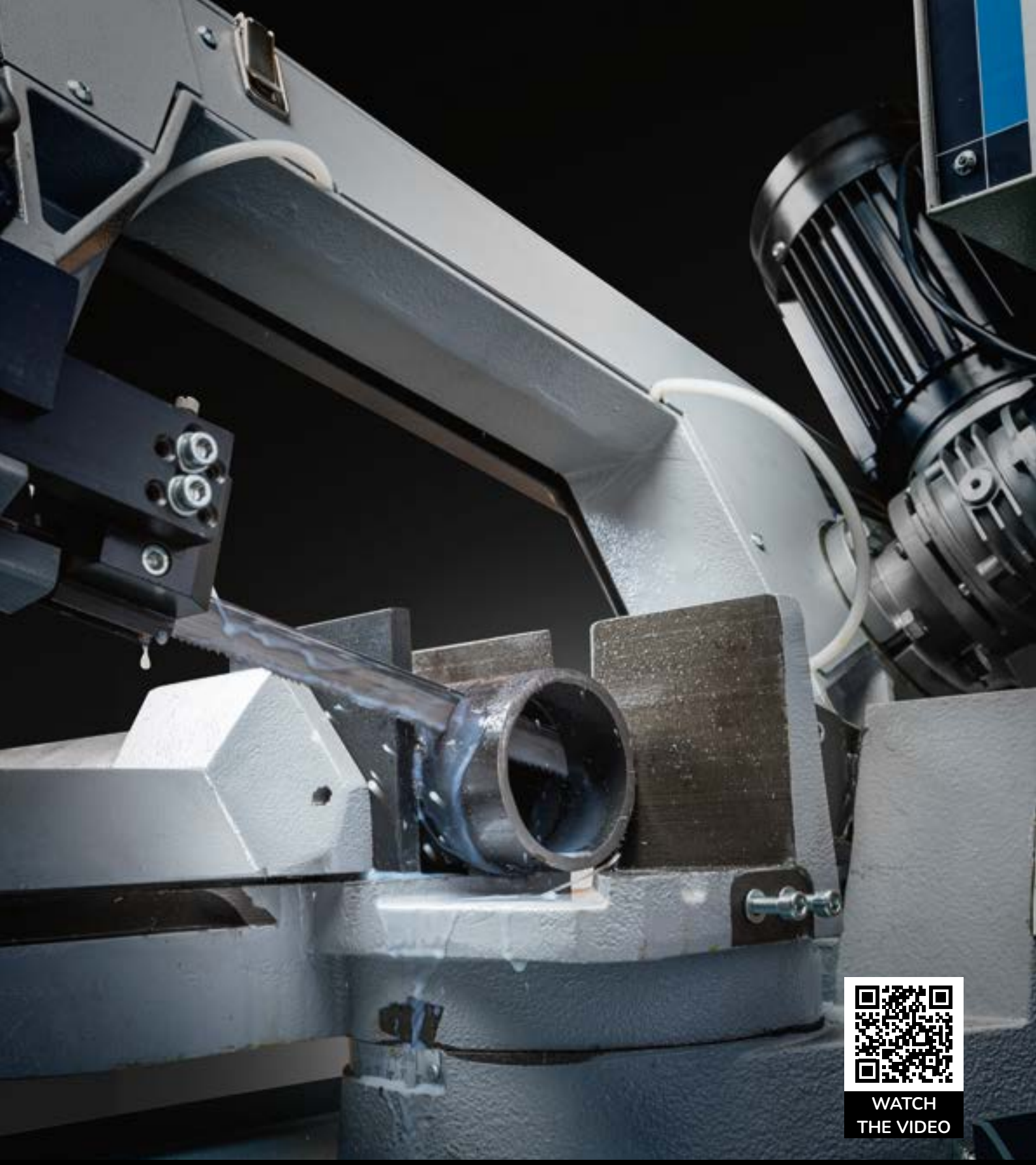
• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• Turning table with angles scale fastened on casting to perform precise cuts in perfect tolerance at any angle.

• The rapid locking/unlocking clamping system allows to perform all cuts in a quick and efficient way.

• Engraved metric scale and flip over stop are the perfect solution for precision and serial cuts at any length.

• Saw head down feed rate by gravity through the HB (Hydraulic Brake) system which, in addition to manual cutting, allows to execute single cuts without operator, who can choose the desired function through a selector on the control panel.



OPTIONS AT PAGE 16 - N° 02 - 04 - 29 - 30 - 72

					○	□	▭	
				0°	225	200	240x160	
mm	kW	m/min	mm	+45°	160	140	155x115	kg
2450x27x0.9	0.94/1.1	46/92	245	+60°	90	90	90x90	240

PH 262/HB

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

PH 262 HB, manual pull-down band sawing machine to cut metals mitering from -45° to +60°, can perform, in addition to manual cutting, even single cuts without operator.

EXCEPTIONAL FLEXIBILITY

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in beetween ensure the quick positioning of the saw head.

• Turning table with angles scale fastened on casting to perform precise cuts in perfect tolerance at any angle.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• Engraved metric scale and flip over stop are the perfect solution for precision and serial cuts at any length.

• Saw head down feed rate by gravity through the HB (Hydraulic Brake) system which, in addition to manual cutting, allows to execute single cuts without operator, who can choose the desired function through a selector on the control panel.

HEAVY-DUTY

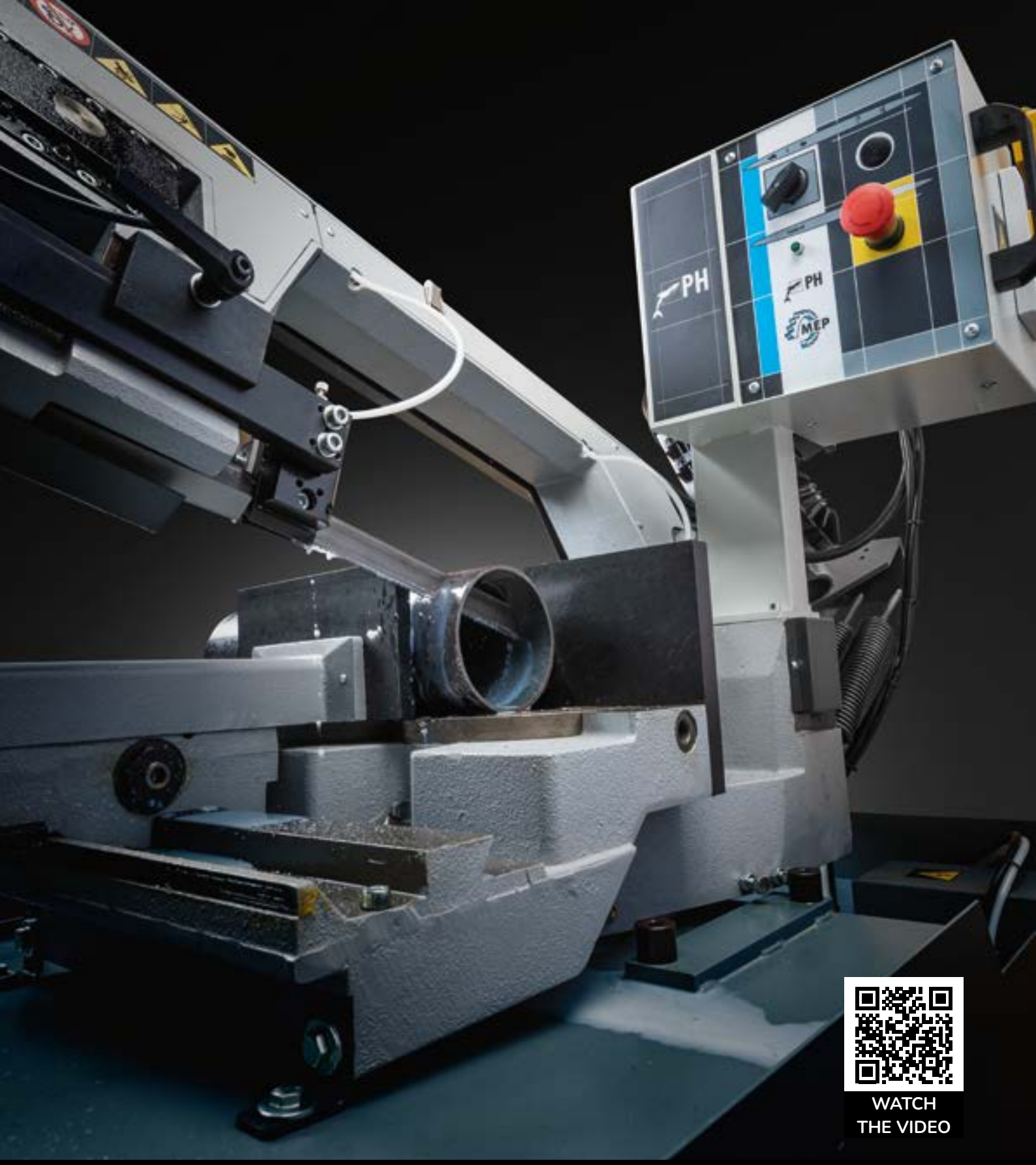
• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The large working surface ensures stability and safety during the cut: table to miter at any angle and turning along with the saw head thus preventing to cut it through.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

• The safety switches ensure an immediate blade rotation stop in case of blade safety cover opening or blade breakage.



WATCH THE VIDEO

OPTIONS AT PAGE 16 - N° 02 - 04 - 18 - 19 - 72

				-45°	145	125	150x100	
				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	265

OPTIONS PH

OPTION N° 02

5 L emulsifiable oil pack

OPTION N° 04

Bi-Metal band saw blade

OPTION N° 18

Adapter for loading table

OPTION N° 19

Adapter for unloading table

OPTION N° 27

Adapter for loading table

OPTION N° 26

Adapter for unloading table

OPTION N° 29

Adapter for loading table

OPTION N° 30

Adapter for unloading table

OPTION N° 71

Roller conveyor KK200/1500 mm

OPTION N° 72

Roller conveyor KK330/1500 mm

SHARK

THE WIDE RANGE OF BAND SAWING MACHINES

This type of sawing machines has been a revolution in the field of steel cutting because they allow the cutting of medium-large materials while maintaining a small footprint. The secret lies in the use of a band blade with variable teeth and a thickness ranging from 1mm to 3mm, thus allowing easier penetration and removal of the material and, at the same time, a proportionate structure of the machine. Thanks to all these characteristics, band sawing machines are extremely flexible in terms of both material sections and their toughness.

MANUAL

Ideal sawing machines for small size production batches, trim cuts or cuts of parts on a wide range of materials. Presence of the operator is necessary during the cutting cycle and, where appropriate, he shall also measure the piece to cut. Due to the characteristics of the band saw blade, the cut finishing is raw.

SEMI-AUTOMATIC

In this case, the operator must set the machine, load the material and position it to the desired size. The sawing machine will then perform the cutting cycle automatically. This type of machine is mainly aimed at those who need to cut medium-large series of various materials.

AUTOMATIC

The operator must set the machine, load the material and program it by entering the lengths to cut and the quantities. Some models require only the material loading since they are equipped with a software that, depending on the material, allows the auto-setting of both the machine and its cutting parameters.
These models are also provided with the Kit Industry 4.0 Ready - IOT. Moreover, it is possible to develop customized solutions with automatic material loading/unloading systems.

INDEX CHAPTER SHARK

SHARK
281

MITER CUTTING • METALS • SOLIDS

SHARK 281, manual pull-down band sawing machine to cut metals mitering from 0° to +60°, also available in the CCS (Cutting Control System) version in order to also perform single cuts without operator.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

EXCEPTIONAL FLEXIBILITY

• The rapid locking/unlocking clamping system allows to perform all cuts in a quick and efficient way.

• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• The pressure gauge for blade tensioning allows to keep it constantly monitored.

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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	370

SHARK
281 CCS/MA

MITER CUTTING • METALS • SOLIDS

SHARK 281 CCS MA, manual pull-down band sawing machine to cut metals mitering from 0° to +60°, can also perform single cuts without operator. The vice opening/closing is performed by means of a hand operated valve.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

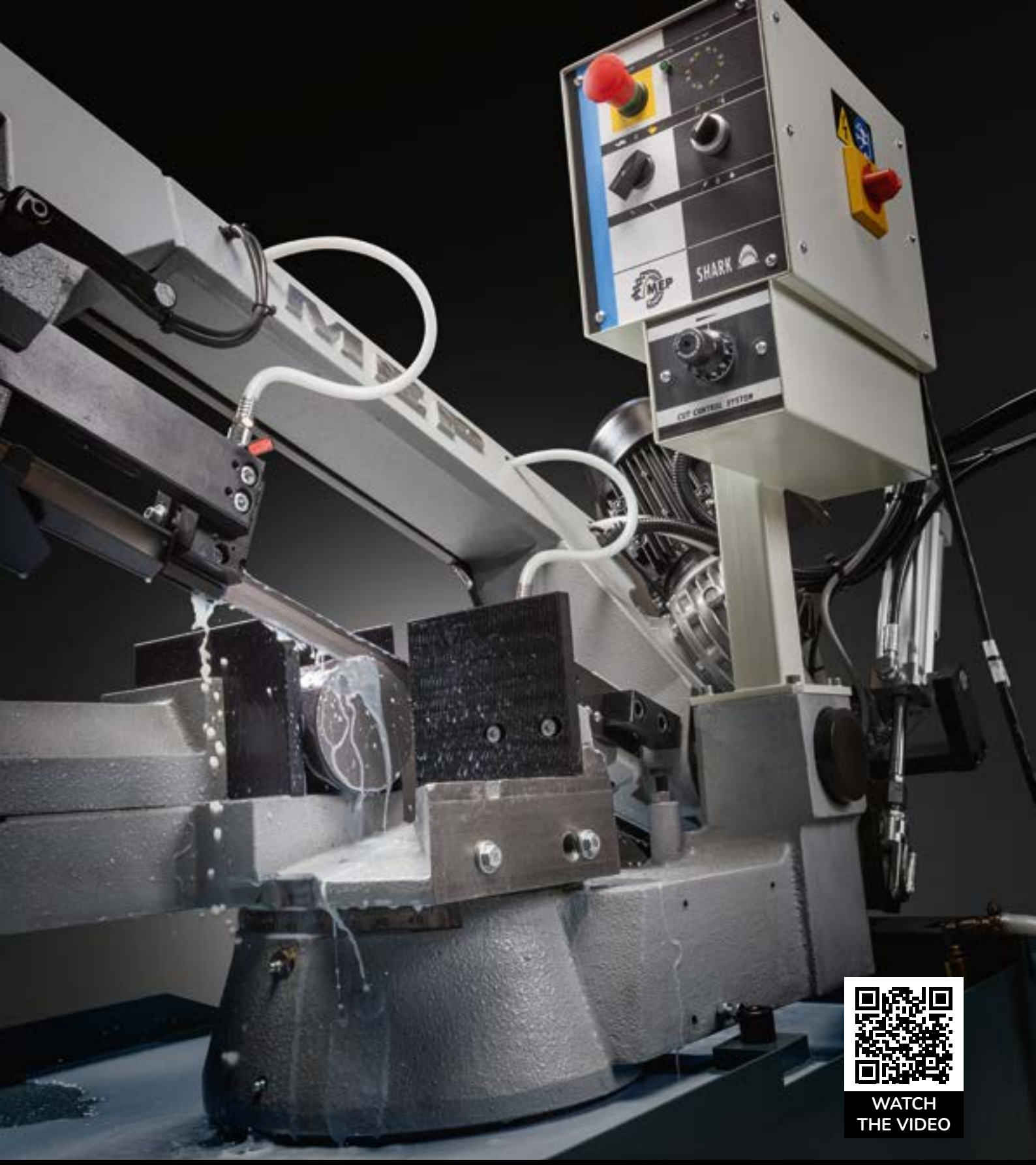
EXCEPTIONAL FLEXIBILITY

• Saw head down feed rate by gravity through the Cut Control System (CCS) which, in addition to manual cutting, allows to execute single cuts without operator, who can choose the desired function through a selector on the control panel.

• The rapid locking/unlocking clamping system allows to perform all cuts in a quick and efficient way.

• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• The pressure gauge for blade tensioning allows to keep it constantly monitored.



OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 09 - 12 - 16 - 34 - 72

				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	370

SHARK
281 SXI EVO

MITER CUTTING • METALS • SOLIDS

SHARK 281 SXI EVO, electrohydraulic semi-automatic band sawing machine to cut metals mitering from 0° to +60°. Upon request, in addition to the semi-automatic cycle, it can be ordered equipped with the semi-automatic/ dynamic and manual pull-down modes.

MAXIMUM FLEXIBILITY

• The main control with acustic commands is assembled on an articulated arm thus granting full control in all operating positions.

• The LCD display shows the status of the sawing machine and all its parameters thus allowing control in real-time.

• Mechanical stops at 0°, +45° and +60° with a locking device at all angles in between.

• The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

USER-FRIENDLINESS

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

CAST-IRON STRUCTURE

Cast-iron structure of the saw head, cutting table and vice to absorb vibrations during the cut and ensure longer blade life.

FUNCTIONAL DESIGN

Designed for a complete recovery of chips and coolant even when cutting at maximum angles.

HYDRAULIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

Hydraulic system to control both the vice and head down feed rate that grants a constant pressure during the cut according to the feed set by the operator.

PROGRAMMING OF SAW HEAD STROKE

The adjustment from the control panel of the saw head stroke limits according to the bars to cut reduces execution time.

WATCH THE VIDEO

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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

MITER CUTTING • METALS • SOLIDS

SHARK 281 NC 5.0, electrohydraulic automatic band sawing machine to cut metals mitering from 0° to +60°. In addition to the automatic cutting cycle, it can also operate in manual, semi-automatic/dynamic and semi-automatic modes.

MAXIMUM PRODUCTION

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The automatic acquisition of the saw head cutting start position reduces setting time.

• The cast-iron adjustable blade-guide heads with 4 CARBIDE pads ensure greater stability and longer blade life.

• The tank for the coolant collection allows to recover the coolant even when cutting at maximum angles, thus reducing waste to zero.

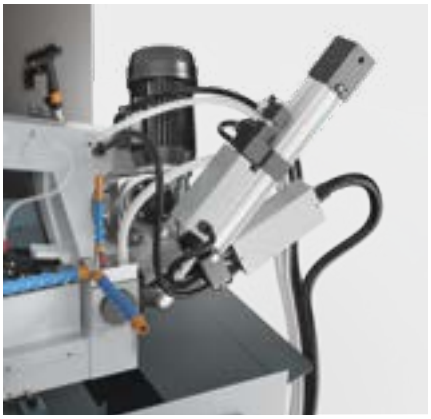
MAXIMUM PRECISION

• The bar feeder powered by stepper motor is a guarantee of high precision.

• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The 2.2 Kw motor with vector inverter for infinite variable blade speed from 15 to 100 m/min allows to adjust the band saw blade rotation speed according to the type of material.



ADAPTATIVE SAW HEAD DOWN FEED RATE

Self-regulation in real-time of head down feed rate according to the type of material or blade wear.

KIT IOT

INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.

HIGH SAFETY

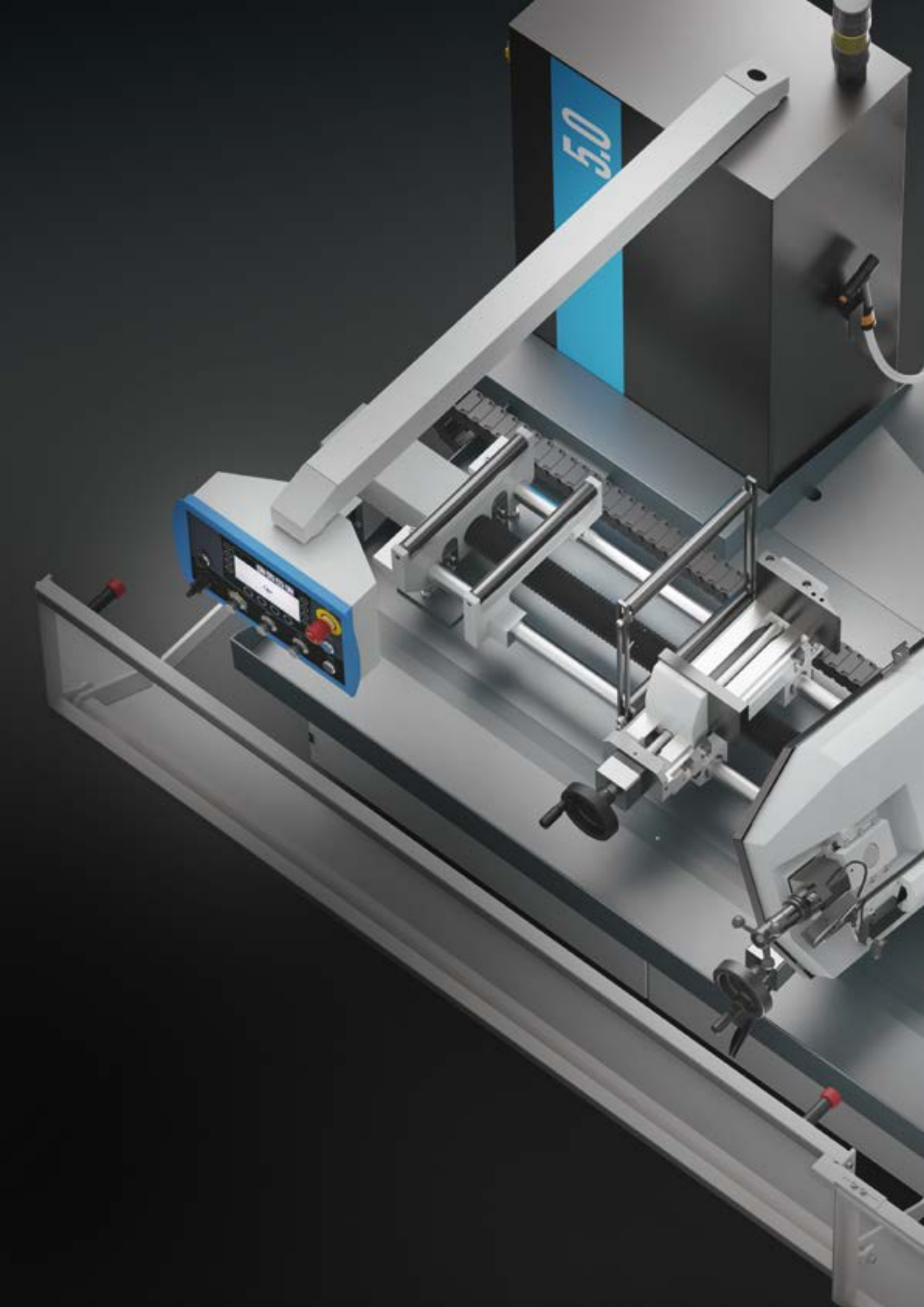
High operator's safety is guaranteed by the safety guarding surrounding the sawing machine with safety interlocks.

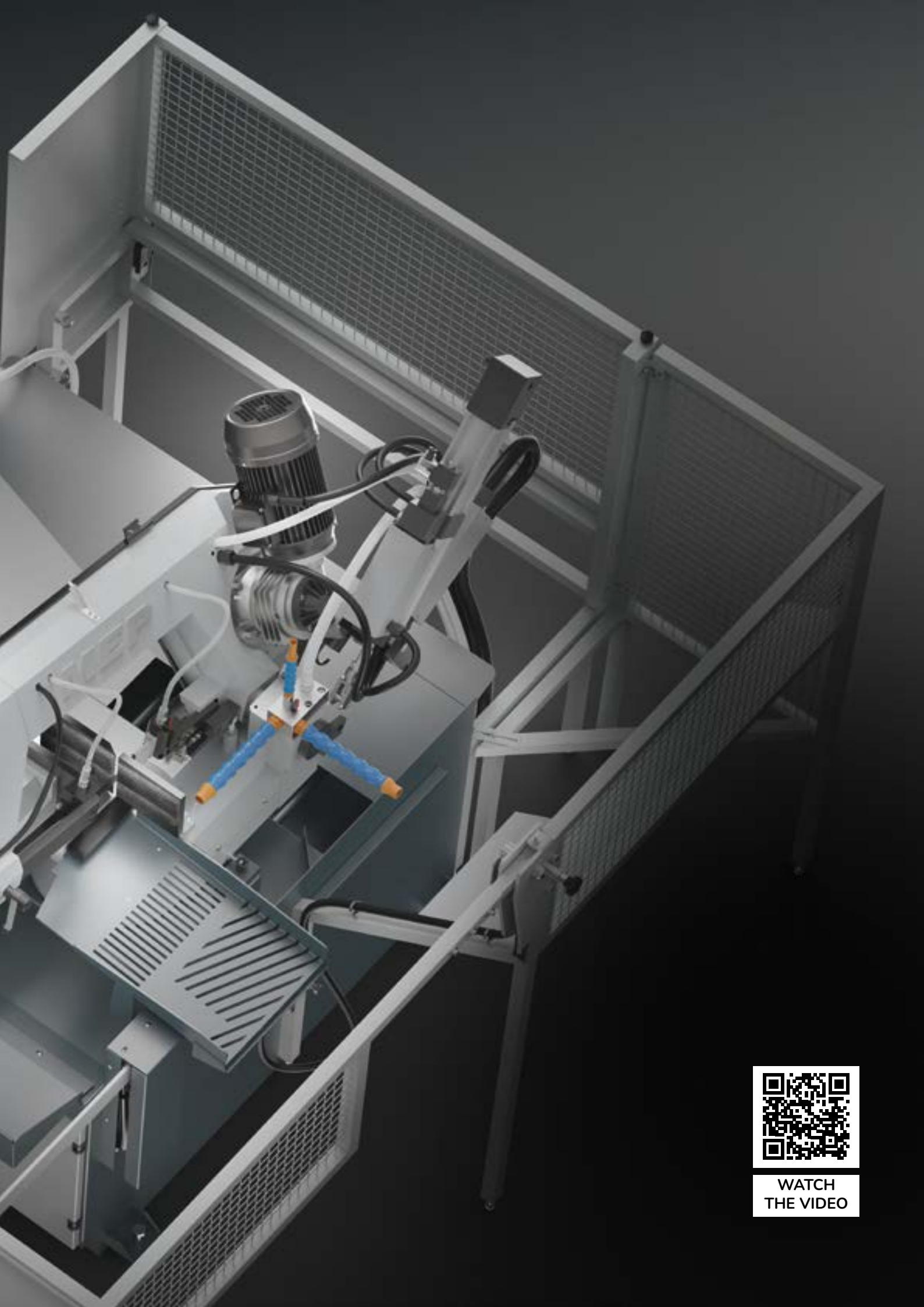
FOUR WORKING MODES

The four working modes (manual, semi-automatic/dynamic, semi-automatic and automatic ones) allow to perform any kind of cut in the most efficient way.

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 10 - 11 - 14 - 15 - 17 - 32 - 34 - 49 - 60 - 72 -73

				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	965


5.0



WATCH
THE VIDEO

SHARK 282

MITER CUTTING • METALS • SOLIDS

SHARK 282, manual pull-down band sawing machine to cut metals mitering from -45° to +60°, also available in the CCS (Cutting Control System) version in order to also perform single cuts without operator.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The large working surface ensures stability and safety during the cut.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

EXCEPTIONAL FLEXIBILITY

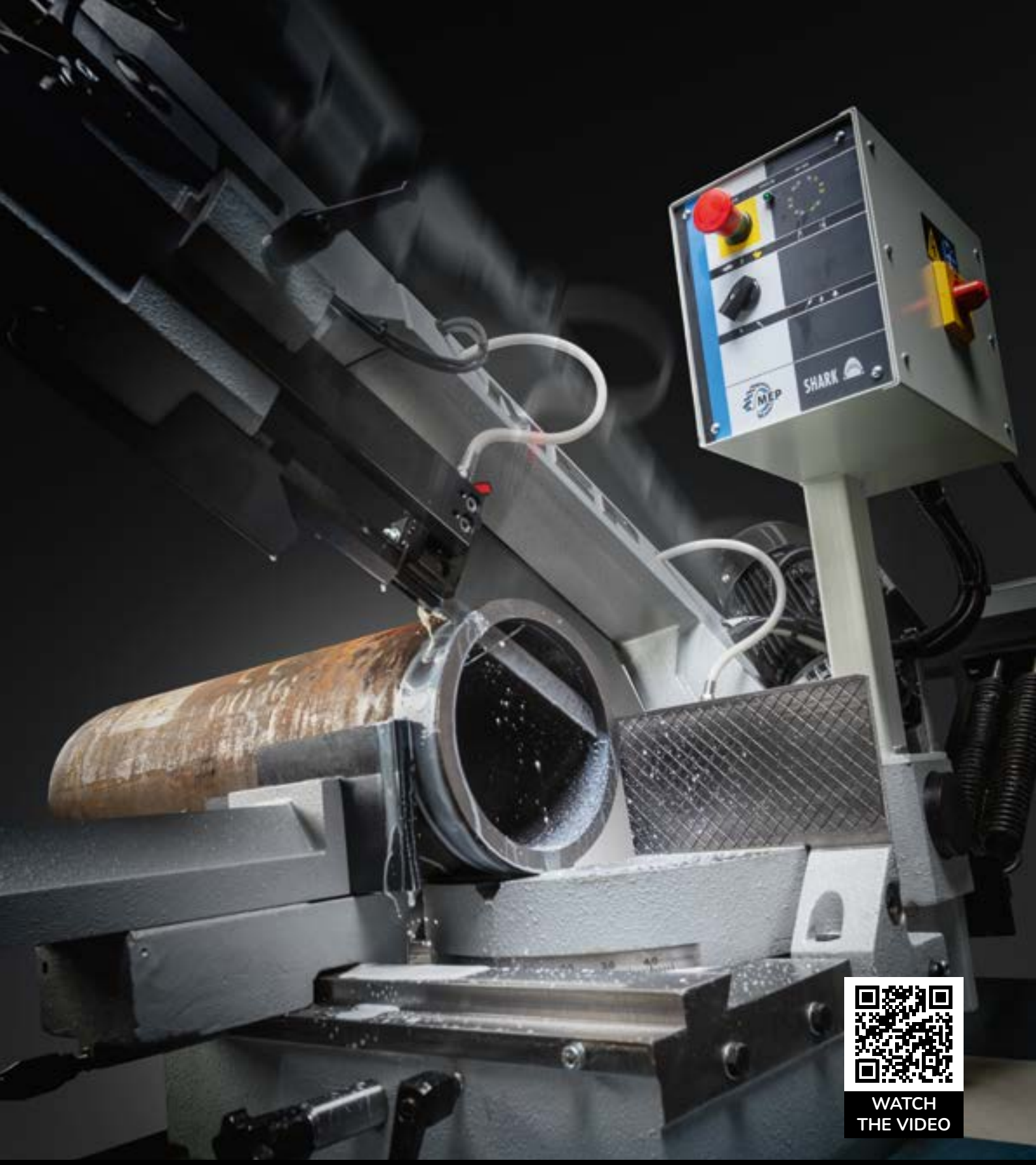
• The turning cutting table is assembled on a preloaded roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The pressure gauge for blade tensioning allows to keep it constantly monitored.



WATCH THE VIDEO

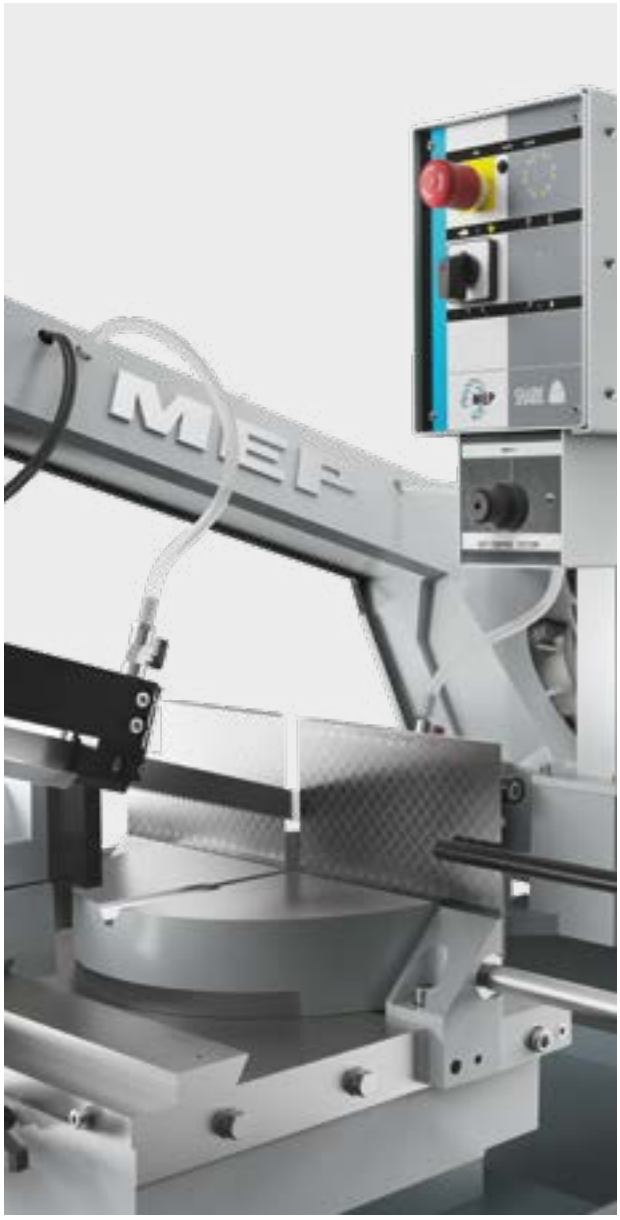
OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 08 - 09 - 12 - 20 - 34 - 72

				-45°	200	170	200x140	
				0°	250	220	280x220	
mm	kW	m/min	mm	+45°	230	200	220x200	kg
2950x27x0.9	1.5/1.8	36/72	285	+60°	120	80	140x80	440

SHARK
282 CCS/MA

MITER CUTTING • METALS • SOLIDS

SHARK 282 CCS MA, manual pull-down band sawing machine to cut metals mitering from -45° to +60°, can also perform single cuts without operator. The vice opening/closing is performed by means of a hand operated valve.



HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The large working surface ensures stability and safety during the cut.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

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• The turning cutting table is assembled on a preloaded roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between ensure the quick positioning of the saw head.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The pressure gauge for blade tensioning allows to keep it constantly monitored.

• Saw head down feed rate by gravity through the Cut Control System (CCS) which, in addition to manual cutting, allows to execute single cuts without operator, who can choose the desired function through a selector on the control panel.

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 09 - 12 - 20 - 34 - 72

				-45°	200	170	200x140	
				0°	250	220	280x220	
mm	kW	m/min	mm	+45°	230	200	220x200	kg
2950x27x0.9	1.5/1.8	36/72	285	+60°	120	80	140x80	440

SHARK
282 SXI EVO

MITER CUTTING • METALS • SOLIDS

SHARK 282 SXI EVO, electrohydraulic semi-automatic band sawing machine to cut metals mitering from -45° to +60°. In addition to the semi-automatic cycle, it can also operate with manual and semi-automatic/dynamic modes.

MAXIMUM FLEXIBILITY

• The main control with acustic commands is assembled on an articulated arm thus granting full control in all operating positions.

• The LCD display shows the status of the sawing machine and all its parameters thus allowing maximum control in real-time.

• Programming from the control panel also allows to adjust the saw head stroke limits according to the dimensions of the bars to cut.

• Mechanical stops at -45°, 0°, +45° and +60° with a locking device at all angles in between.

• The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

USER-FRIENDLINESS

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

CAST-IRON STRUCTURE

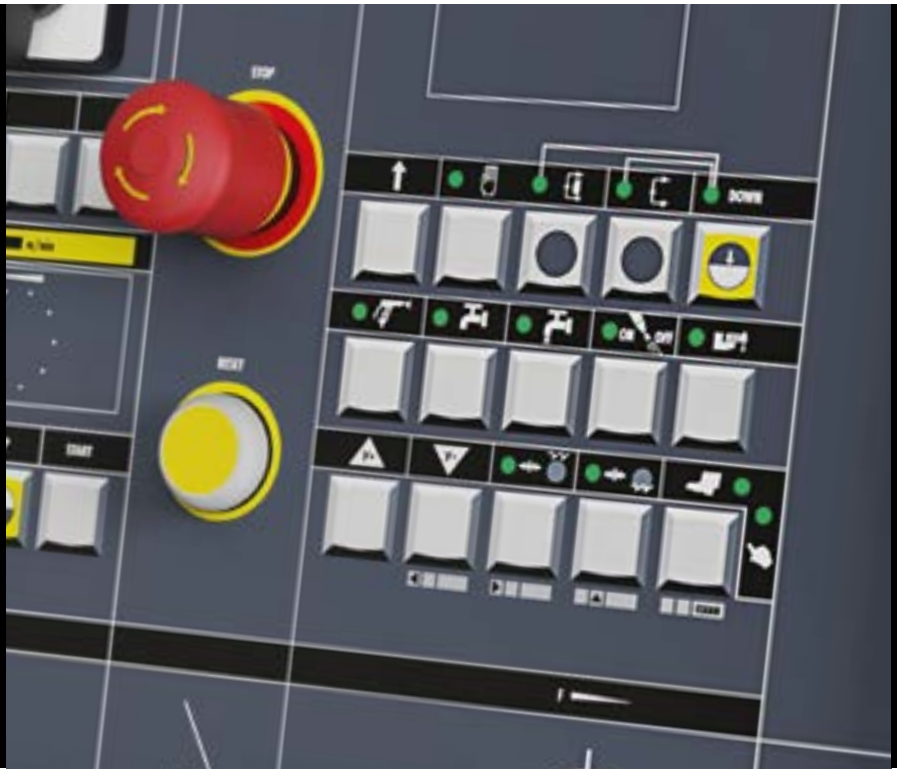
Cast-iron structure of the saw head, cutting table and vice to absorb vibrations during the cut and ensure longer blade life.

FUNCTIONAL DESIGN

Designed for a complete recovery of chips and coolant.

HYDRAULIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

Hydraulic system to control both the vice and head down feed rate that grants a constant pressure during the cut according to the feed set by the operator.



THREE WORKING MODES

The three working modes (manual, semi-automatic/dynamic and semi-automatic ones) allow to perform any kind of cut in the most efficient way.

WATCH THE VIDEO

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 10 - 11 - 12 - 20 - 32 - 34 - 36 -72

					●	■	▬	
				-45°	200	170	200x140	
				0°	250	220	280x220	
mm	kW	m/min	mm	+45°	230	200	220x200	kg
2950x27x0.9	1.5/1.8	36/72	285	+60°	120	80	140x80	475

SHARK
331-1 NC 5.0 SPIDER

MITER CUTTING • METALS • SOLIDS

SHARK 331-1 NC 5.0 SPIDER, electrohydraulic automatic band sawing machine to cut metals mitering from 0° to +60°. In addition to the automatic cutting cycle, it can also operate in semi-automatic mode.

MAXIMUM PRODUCTION

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The automatic acquisition of the saw head cutting start position reduces setting time.

• The cast-iron adjustable blade-guide heads with 4 CARBINE pads ensure greater stability and longer blade life.

• The adjustable vertical roller allows to cut in bundle in a single row.

• The tank for the coolant collection allows to recover the coolant even when cutting at maximum angles, thus reducing waste to zero.

• The coolant flood underneath the cutting table avoids the accumulation of chips and the interruption of machining for manual removal.

MAXIMUM PRECISION

• The bar feeder powered by a stepper motor is a guarantee of high precision.

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle.

• The mechanical stops at 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

• The 2.2 KW motor with vector inverter for infinite variable blade rotation speed from 15 to 100 m/min allows to adjust the band saw blade rotation speed according to the type of material.

SUPER COMPACT DESIGN AND HIGH SAFETY: 3.5 SM OF FLOOR SPACE ONLY!

Operator's safety is guaranteed by the safety guarding surrounding the sawing machine according with safety interlocks.

INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.

ADAPTATIVE SAW HEAD DOWN FEED RATE

Self-regulation in real-time of head down feed rate according to the type of material or blade wear.

TWO CYCLE MODES

They allow to perform any kind of cut in the most efficient way.

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					●	■	▬	
				0°	330	260	330x260	
mm	kW	m/min	mm	+45°	240	230	240x160	kg
3650x27x0,9	2,2	15÷100	335	+60°	160	160	150x150	1150


WATCH
THE VIDEO

SHARK
332-1 CCS

MITER CUTTING • METALS • SOLIDS

SHARK 332-1 CCS, band sawing machine to cut metals mitering from -45° to +60°. In addition to the manual pull-down mode, it can also perform single cuts without operator.

HEAVY-DUTY

• The double spring to handle the saw head ensures maximum rigidity of movement.

• The cast-iron slide for the blade tensioning ensures an easy regulation and a smooth sliding over time.

• The high flow pump for the coolant ensures a constant blade lubrication and cooling.

• The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

• The large working surface granting maximum cutting stability and safety is equipped with hardened steel plates which can be replaced in case of wear.

EXCEPTIONAL FLEXIBILITY

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The coolant flood underneath the cutting table avoids the accumulation of chips and downtimes during the chip removal.

• Mechanical stops at -45°, 0°, +45° and +60° with a locking device at all angles in between.

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 12 - 20 - 34 - 65 - 72

				-45°	240	210	240x160	
				0°	300	250	330x250	
mm	kW	m/min	mm	+45°	260	250	260x200	kg
3650x27x0,9	1,5/1,8	40/80	335	+60°	180	170	170x170	640

SHARK
332-1 SXI EVO

MITER CUTTING • METALS • SOLIDS

SHARK 332-1 SXI EVO, electrohydraulic semi-automatic band sawing machine to cut metals mitering from -45° to +60°. In addition to the semi-automatic cycle, it can also operate in manual and semi-automatic/dynamic modes.

MAXIMUM FLEXIBILITY

• The three working modes (manual, semi-automatic/dynamic and semi-automatic ones) allow to perform any kind of cut in the most efficient way.

• The main control with acustic commands is assembled on an articulated arm thus granting full control in all operating positions.

• The LCD display shows the status of the sawing machine and all its parameters thus allowing maximum control in real-time.

• Programming from the control panel also allows to adjust the saw head stroke limits according to the dimensions of the bars to cut.

• Mechanical stops at -45°, 0°, +45° and +60° with a locking device at all angles in between.

• The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

• The large working surface granting maximum cutting stability and safety is equipped with hardened steel plates which can be replaced in case of wear.

USER-FRIENDLINESS

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

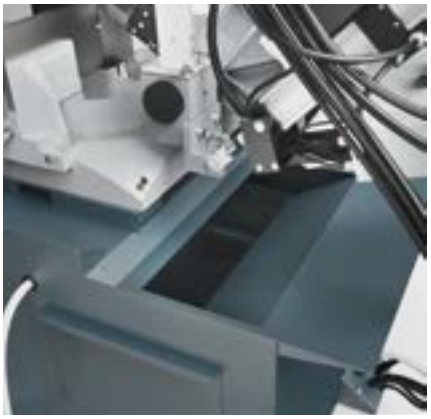
• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The coolant flood underneath the cutting table avoids the accumulation of chips and downtimes during the chip removal.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

CAST-IRON STRUCTURE

Cast-iron structure of the saw head, cutting table and vice to absorb vibrations during the cut and ensure longer blade life.



FUNCTIONAL DESIGN

Designed for a complete recovery of chips and coolant.

HYDRAULIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

Hydraulic system to control both the vice and head down feed rate that grants a constant pressure during the cut according to the feed set by the operator.

CLAMPING UNIT SLIDING LONGITUDINALLY TO THE RIGHT AND LEFT OF THE SAW HEAD

The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

WATCH THE VIDEO

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 10 - 11 - 12 - 20 - 32 - 34 - 51 - 66 - 72

					●	■	▬	
				-45°	240	210	240x160	
				0°	300	250	330x250	
mm	**kW**	**m/min**	**mm**	**+45°**	260	250	260x200	**kg**
3650x27x0,9	1,5/1,8	40/80	335	**+60°**	180	170	170x170	770

SHARK
332-1 NC 5.0

MITER CUTTING • METALS • SOLIDS

SHARK 332-1 NC 5.0, electrohydraulic automatic band sawing machine to cut metals mitering from -45° to +60°. In addition to the automatic cutting cycle, it can also operate in manual, semi-automatic/dynamic and semi-automatic modes.

MAXIMUM PRODUCTION

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The automatic acquisition of the saw head cutting start position reduces setting time.

• The cast-iron adjustable blade-guide heads with 4 CARBIDE pads ensure greater stability and longer blade life.

• The tank for the coolant collection allows to recover the coolant even when cutting at maximum angles, thus reducing waste to zero.

MAXIMUM PRECISION

• The bar feeder powered by a stepper motor is a guarantee of high precision.

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The 2.2 Kw motor with vector inverter for infinite variable blade rotation speed from 15 to 100 m/min allows to adjust the band saw blade rotation speed according to the type of material.

ADAPTATIVE SAW HEAD DOWN FEED RATE

Self-regulation in real-time of head down feed rate according to the type of material or blade wear.

KIT IOT

INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.

HIGH SAFETY

High operator's safety is guaranteed by the safety guarding surrounding the sawing machine with safety interlocks.

FOUR WORKING MODES

They allow to perform any kind of cut in the most efficient way:

- Automatic mode to cut from 0° to +60°.
- Semi-automatic mode to cut from -45° to +60°.
- Semi-automatic/dynamic mode to cut from -45° to +60°.
- Manual mode to cut from -45° to +60°.

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				-45°		x	x	x	240	210	240x160	
				0°	x	x	x	x	300	250	330x250	
mm	kW	m/min	mm	+45°	x	x	x	x	260	250	260x200	kg
3650x27x0,9	2,2	15÷100	335	+60°	x	x	x	x	180	170	170x170	1060


WATCH
THE VIDEO

SHARK
382-1 SXI EVO

MITER CUTTING • METALS • SOLIDS

SHARK 382-1 SXI EVO, electrohydraulic semi-automatic band sawing machine to cut metals mitering from -45° to +60°. In addition to the semi-automatic cycle, it can also operate in manual and semi-automatic/dynamic modes.

MAXIMUM FLEXIBILITY

• The three working modes (manual, semi-automatic/ dynamic and semi-automatic ones) allow to perform any kind of cut in the most efficient way.

• The main control with acustic commands is assembled on an articulated arm thus granting full control in all operating positions.

• The LCD display shows the status of the sawing machine and all its parameters thus allowing maximum control in real-time.

• Programming from the control panel also allows to adjust the saw head stroke limits according to the dimensions of the bars to cut.

• Mechanical stops at -45°, 0°, +45° and +60° with a locking device at all angles in between.

• The large working surface granting maximum cutting stability and safety is equipped with hardened steel plates which can be replaced in case of wear.

USER-FRIENDLINESS

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The coolant flood underneath the cutting table avoids the accumulation of chips and downtimes during the chip removal.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

CAST-IRON STRUCTURE

Cast-iron structure of the saw head, cutting table and vice to absorb vibrations during the cut and ensure longer blade life.

FUNCTIONAL DESIGN

Designed for a complete recovery of chips and coolant.

HYDRAULIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

Hydraulic system to control both the vice and head down feed rate that grants a constant pressure during the cut according to the feed set by the operator.

EFFICIENT AND SAFE CLAMPING

The knurled steel jaws of the cutting vice allow an efficient and safe clamping even in the case of tube cutting.

WATCH THE VIDEO

OPTIONS FROM PAGE 56 - N° 02 - 03 - 04 - 10 - 11 - 12 - 32 - 34 - 38 - 66 - 70 -74 - 75 - 78

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

SHARK
452-1 SXI EVO

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

SHARK 452-1 SXI EVO, electrohydraulic semi-automatic band sawing machine to cut metal tubes, profiles and beams mitering from -60° to +60°.

MAXIMUM FLEXIBILITY

• The main control with acustic commands is assembled on an articulated arm thus granting full control in all operating positions.

• The LCD display shows the status of the sawing machine and all its parameters thus allowing maximum control in real-time.

• Programming from the control panel also allows to adjust the saw head stroke limits according to the dimensions of the bars to cut.

• Mechanical stops at -60°, -45°, 0°, +45° and +60° with a locking device at all angles in between.

• The large working surface granting maximum cutting stability and safety is equipped with hardened steel plates which can be replaced in case of wear.

• Bar support with a roller on the infeed side: roller sliding on a ball screw linear guide to be easily moved when mitering at any angle.

USER-FRIENDLINESS

• The turning cutting table is assembled on a central pin and roller thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The quick releasing clamping system allows to manually open/close the vice in an easy way.

• The coolant flood underneath the cutting table avoids the accumulation of chips and downtimes during the chip removal.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

CAST-IRON STRUCTURE

Cast-iron structure of the saw head, cutting table and vice to absorb vibrations during the cut and ensure longer blade life.

FUNCTIONAL DESIGN

Designed for a complete recovery of chips and coolant.

HYDRAULIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

Hydraulic system to control both the vice and head down feed rate that grants a constant pressure during the cut according to the feed set by the operator.

VECTOR INVERTER FOR INFINITE VARIABLE BLADE ROTATION SPEED SETTING

4.0 KW motor insulation class IP55 with vector inverter for infinite variable blade speed from 15 to 100 m/min.

WATCH THE VIDEO

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				-60°	210	200	200x200	
				-45°	320	300	300x300	
				0°	330	320	450x320	
mm	kW	m/min	mm	+45°	320	300	300x300	kg
4500x34x1,1	4,0	15÷100	455	+60°	210	200	200x200	1110

SHARK
230-1 NC HS 5.0

METALS • SOLIDS

SHARK 230-1 NC HS 5.0, dual-column electrohydraulic automatic band sawing machine for 0° cuts of structural, stainless and alloy steels, solids and profiles. In addition to the automatic cycle, it can also operate in semi-automatic mode.

ABSOLUTE EFFICIENCY

• The two working modes (semi-automatic and automatic ones) allow to perform any kind of cut in the most efficient way.

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The saw head motion is powered by a hydraulic cylinder on linear guides with preloaded ball screw slides and ensures a mechanical vibration reduction and stability during the cut.

• The automatic alignment of the front blade guide head according to the dimensions of the bars to cut reduces execution time.

EXCEPTIONAL FLEXIBILITY

• The bar feeder with single stroke 600 mm is repeatable to cut at any length.

• The pair of vertical rollers allows to contain and align any kind of bar or bundle while feeding.

• The OPTIONAL automatic retract of the bar feeder fixed jaw allows to feed also non-straight bars.

• The vector inverter for infinite variable blade speed from 15 to 100 m/min allows to adjust the band saw blade rotation according to the type of material.

ADAPTATIVE SAW HEAD DOWN FEED RATE

Self-regulation in real-time of head down feed rate according to the type of material or blade wear.

HIGH SAFETY

“Saw in the box” style that ensures maximum operator’s safety and safety interlocks.

KIT IOT

INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.

OPTIMIZED FOOTPRINT

Great compactness thanks to a footprint of 2.5 sqm only.

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		inverter						
mm	kW	kW	m/min	mm		mm	mm	kg
2950x27x0,9	2,2	3,0	15÷100	235	0°	230	230	1000

WATCH
THE VIDEO

OPTIONS SHARK

OPTION N° 02

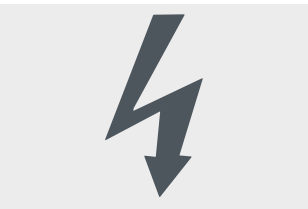
5 L emulsifiable oil pack

OPTION N° 10

Supplementary foot pedal control with emergency stop

OPTION N° 03

Spray mist system



OPTION N° 11

Voltage adaption for 200-220V 50/60Hz three-phase

OPTION N° 04

Bi-Metal band saw blade

OPTION N° 12

Electronic band speed variator 15÷100 m/min

OPTION N° 07

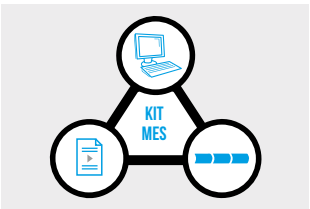
Kit CCS - Cut Control System (device for operator-free cutting)

OPTION N° 14

Kit IoT Industry 4.0 Ready

OPTION N° 08

Kit CCS - Cut Control System (device for operator-free cutting)



OPTION N° 15

MePlan: Kit MES

OPTION N° 09

Foot pedal control for vice (only MA)

OPTION N° 16

Adapter for unloading table with support

OPTION N° 17

Adapter for unloading table with support

OPTION N° 20

Adapter for unloading table with support

OPTION N° 21

Adapter for unloading table with support

OPTION N° 22

Adapter for loading table with support

OPTION N° 23

Adapter for unloading table with support

OPTION N° 32

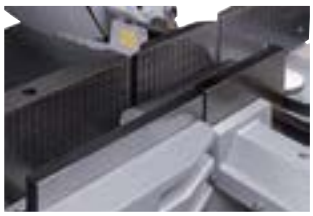
Vice pressure regulator

OPTION N° 33

Vice pressure regulator

OPTION N° 34

Laser projector & work light



OPTION N° 35

Special vice to reduce remnant

OPTION N° 36

Hydraulic overhead bundling for bundle cutting max.170x130 mm

OPTION N° 37

Adjustable guide to unload pieces

OPTION N° 38

Hydraulic overhead bundling for bundle cutting max. 380x160 mm

OPTION N° 44

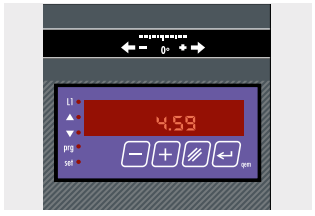
Hydraulic overhead bundling for bundle cutting max. 450x180 mm

OPTION N° 61

Powered auger chip conveyor

OPTION N° 49

Hydraulic overhead bundlings for bundle cutting max. 170x130 mm

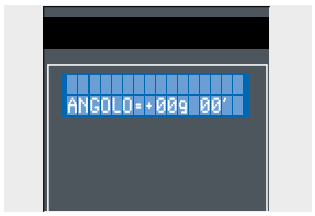


OPTION N° 65

Digital angle display

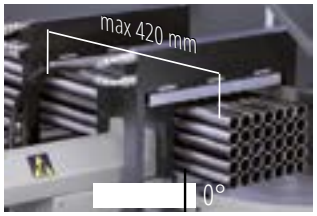
OPTION N° 51

Hydraulic overhead bundlings for bundle cutting max. 320x160 mm



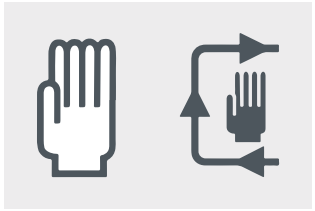
OPTION N° 66

Digital angle display



OPTION N° 52

Hydraulic overhead bundlings for bundle cutting max. 320x160 mm



OPTION N° 67

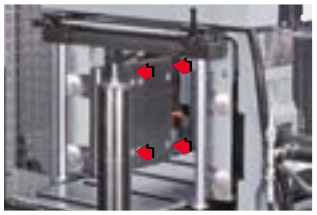
Manual and semi-automatic dynamic cycle

OPTION N° 53

Hydraulic overhead bundlings for bundle cutting max. 230x230 mm

OPTION N° 69

Split vice



OPTION N° 54

Automatic rear feeder jaw retract

OPTION N° 70

Roller conveyor KK530/1500 mm

OPTION N° 60

Powered dredging chip conveyor

OPTION N° 72

Roller conveyor KK330/1500 mm

OPTION N° 73

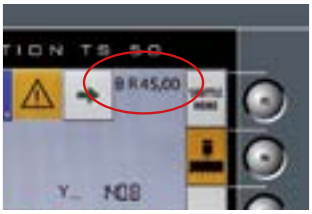
Roller conveyor
KK330HD/1500 mm

OPTION N° 74

Roller conveyor
KK460/1500 mm

OPTION N° 75

Roller conveyor
KK530/3000 mm



OPTION N° 76

Digital angle display

OPTION N° 78

Adapter for unloading
table with support

OPTION N° 79

Adapter for loading
table

OPTION N° 80

Loading table adapter

OPTION N° 81

Adapter for unloading
table with support

OPTION N° 82

Unloading table adapter

TIGER

PROFESSIONAL LINE OF COLUMN CIRCULAR SAWING MACHINES

Among all our sawing machines, the TIGER line is the one that guarantees a finished cut which does not require further processing. For machine users, this results in a saving of time and labor, as well as material.
Furniture and window manufacturers, precision mechanical workshops and automotive companies are those who prefer this range of sawing machines consisting of nine models, including two for light alloys cutting.

MANUAL

Ideal sawing machines for small size production batches, trim cuts or cuts of parts. Presence of the operator is necessary during the cutting cycle and, where appropriate, he shall also measure the piece to cut. Due to the characteristics of the circular blade, the cut finishing is smooth.

SEMI-AUTOMATIC

Ideal sawing machines for medium size production batches and cuts in series. Presence of the operator is necessary for starting the cutting cycle and, where appropriate, he shall also measure the piece to cut.Due to the characteristics of the circular blade, the cut finishing is smooth.

AUTOMATIC

Ideal for both large size production batches even on multiple work shifts and cuts in series in continuous cycle. Presence of the operator is not necessary during the cutting cycles, which can also automatically measure the piece to cut. Due to the characteristics of the circular blade, the cut finishing is smooth.

INDEX CHAPTER TIGER

TIGER
352/MA

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

TIGER 352 MA, electropneumatic manual vertical circular sawing machine to cut metals mitering from -45° to +60°, is provided with a pneumatic vice (MA) manually activated through a switch.

HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The two-stage gear transmission guarantees a high cutting efficiency and torque.

• The control panel equipped with thermal relay and minimum-tension coil ensures maximum protection against phase failure.

EXCEPTIONAL FLEXIBILITY

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The adjustable steel anti-burr device clamps the material both in the infeed and outfeed, thus granting a burr-free cut.

• The adjustable pneumatic vice pressure allows to adjust the clamping pressure according to the hardness of the material to cut.

• Engraved metric scale and flip-over stop are the perfect solution for precision and serial cuts at any length.

WATCH THE VIDEO

OPTIONS FROM PAGE 72 - N° 02 - 03 - 05 - 09 - 13 - 26 - 39 - 43 - 71

HSS											
				-45°	350	110	95	125x95	-	64x90	
				0°		115	95	180x95	90	-	
mm	kW	rpm	mm	+45°		110	95	125x95	-	64x90	kg
350x32x2,5	1,8/2,6	15/30/45/90	190	+60°		90	80	90x95	-	45x90	375

TIGER
352 SX EVO

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

TIGER 352 SX EVO, electropneumatic semi-automatic vertical sawing machine with HSS disc to cut metals mitering from -45° to +60°.

HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The two-stage gear transmission guarantees a high cutting efficiency and torque.

• The vertical pneumatic vice ensures an efficient and safe clamping even in case of tube cutting.

• The control panel equipped with thermal relay and minimum-tension coil ensures maximum protection against phase failure.

EXCEPTIONAL FLEXIBILITY

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The adjustable steel anti-burr device clamps the material both in the infeed and outfeed, thus granting a burr-free cut.

• The adjustable pneumatic vice pressure allows to adjust the clamping pressure according to the hardness of the material to cut.

• Engraved metric scale and flip-over stop are the perfect solution for precision and serial cuts at any length.

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

• The possibility to set the saw head stroke limits reduces cutting time.

SAW HEAD MOTION ON TWO LINEAR GUIDES

The motion of the saw head on double linear guide with preloaded ball screw slides drastically reduces vibrations during the cut.

EASY HANDLING OF THE TURNING TABLE

The turning table is assembled on a central pin and thrust bearing for an easy and precise rotation.

PNEUMATIC SYSTEM OF HEAD DOWN FEED RATE

The hydropneumatic cylinder for saw head down feed rate ensures a constant head down feed speed and, consequently, a better cutting finishing.

BLADE ROTATION AT FOUR SPEEDS

The blade rotation at four speeds 15/30/45/90 rpm (OPTIONAL 30/60/90/180 rpm) with double polarity spindle motor and mechanical gearbox allows to perform efficient cuts of any kind of material.

WATCH THE VIDEO

OPTIONS FROM PAGE 72 - N° 02 - 03 - 05 - 10 - 13 - 26 - 43 - 50 - 56 - 71

HSS				−+	Ø	○	□	▭	■	▬	
				-45°	350	110	95	125x95	-	64x90	
				0°		115	95	180x95	90	-	
mm	kW	rpm	mm	+45°		110	95	125x95	-	64x90	kg
350x32x2,5	1,8/2,6	15/30/45/90	190	+60°		90	80	90x95	-	45x90	425

TIGER
352 NC 5.0

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

TIGER 352 NC 5.0, electropneumatic automatic vertical circular sawing machine to cut metals mitering from -45° to +60°. In addition to the automatic cutting cycle, it can also operate in the semi-automatic mode.

MAXIMUM PRODUCTION

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The two-stage transmission system allows to perform high-speed cuts and ensures longer blade life.

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The vector inverter for infinite variable blade speed from 12 to 120 m/min allows to adjust the saw blade rotation speed according to the type of material.

MAXIMUM PRECISION

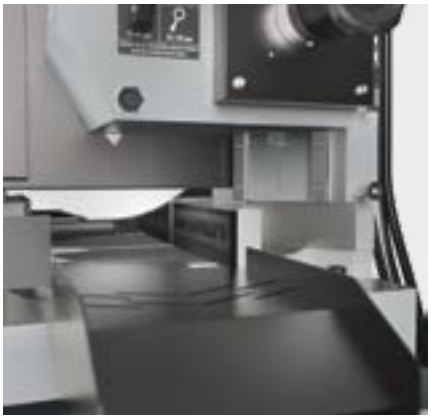
• The bar feeder powered by a stepper motor is a guarantee of great precision.

• The turning cutting table is assembled on a central pin and thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between allow the precise positioning of the saw head.

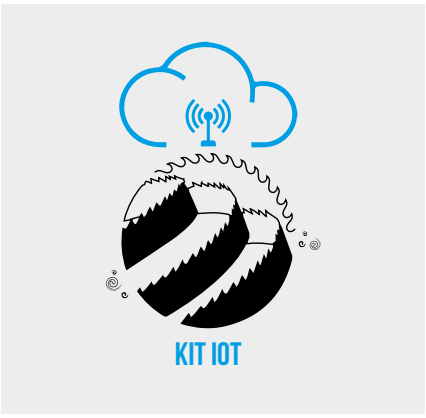
• Angles scale engraved on the turning table allows to easily perform precise cuts in perfect tolerance at any angle.

• The adjustable steel anti-burr device clamps the material in the infeed and outfeed, thus granting a burr-free cut.



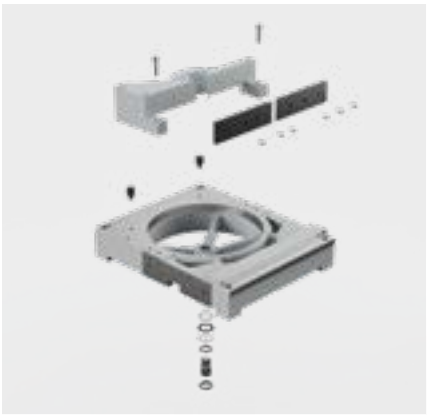
SAW HEAD MOTION ON TWO LINEAR GUIDES

The motion of the saw head on double linear guide with preloaded ball screw slides drastically reduces vibrations during the cut.



INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.



EASY HANDLING OF THE TURNING TABLE

The turning table is assembled on a central pin and thrust bearing for an easy and precise rotation.

VECTOR INVERTER FOR INFINITE VARIABLE BLADE ROTATION SPEED

2.6 KW motor insulation class IP55 with vector inverter and mechanical gearbox for infinite variable blade speed from 12 to 120 rpm.

OPTIONS FROM PAGE 72 - N° 02 - 03 - 05 - 10 - 11 - 14 - 15 - 26 - 40 - 41 - 42 - 43 - 56 - 68 - 71

HSS					inverter		-45°	Ø	110	95	125x95	-	64	64	64x90	
mm		kW	rpm	rpm	kW	mm	0°	350	115	95	180x195	-	90	90	-	kg
350x32x2,5	STANDARD	2,6	12÷40	36÷120	3,0	190	+45°		110	95	125x95	-	64	64	64x90	680
	OPTIONAL	3,0	15÷50	45÷150	5,5		+60°		90	90	90x90	90x95	45	45	45x90	

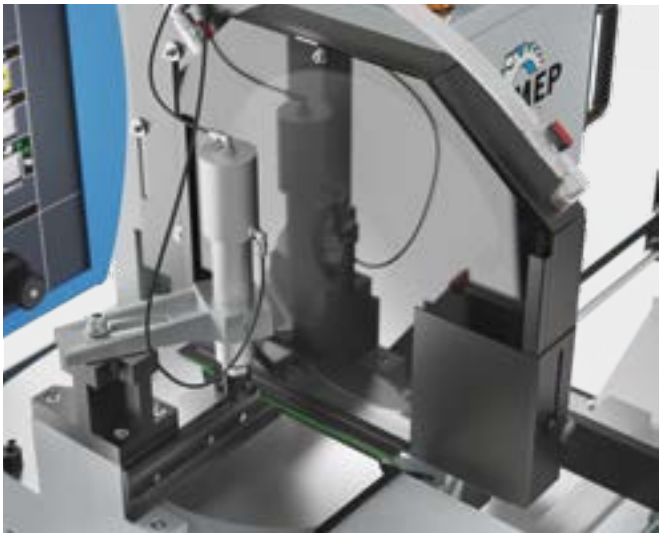

MEP
TIGER
352


MEP
WATCH
THE VIDEO

TIGER
372 SX EVO

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

TIGER 372 SX EVO, electropneumatic semi-automatic vertical sawing machine with HSS disc to cut metals mitering from -45° to +60°.



HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The vertical pneumatic vice ensures an efficient and safe clamping even in case of tube cutting.

• The control panel equipped with thermal relay and minimum-tension coil ensures maximum protection against phase failure.

• The clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

EXCEPTIONAL FLEXIBILITY

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

• The possibility to set the saw head stroke limits reduces cutting time.

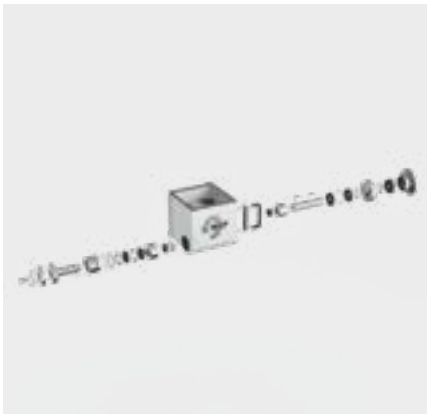
• The mechanical stops at -45°, 0°, +45° and +60° with locking device at all angles in between allow the quick positioning of the saw head.

• The adjustable pneumatic vice pressure allows to adjust the clamping pressure according to the hardness of the material to cut.

• Engraved metric scale and flip-over stop are the perfect solution for precision and serial cuts at any length.

SAW HEAD MOTION ON TWO LINEAR GUIDES

The motion of the saw head on double linear guide with preloaded ball screw slides drastically reduces vibrations during the cut.



THREE-STAGE TRANSMISSION SYSTEM

The three-stage transmission system allows high-speed cuts thus ensuring exceptional rigidity and a great chip removal.

MATERIAL CLAMPING IN THE INFEED AND OUTFEED

The adjustable steel anti-burr device clamps the material in the infeed and outfeed, thus granting a burr-free cut.

PNEUMATIC SYSTEM OF SAW HEAD DOWN FEED RATE

The hydropneumatic cylinder for saw head down feed rate ensures a constant head down feed speed and, consequently, a better cutting finishing.

WATCH THE VIDEO

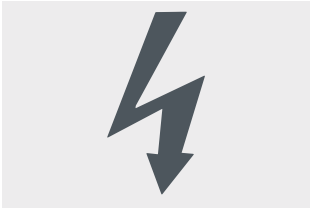
OPTIONS FROM PAGE 72 - N° 02 - 03 - 05 - 10 - 11 - 26 - 43 - 55 - 56 - 71

HSS	inverter				Ø	○	□	▭	▯	●	■	▬	
				-45°	350	110	95	125x95	-	70	64	64x90	
				0°		115	95	180x95	-	120	90	-	
mm	kW	rpm	mm	+45°		110	95	125x95	-	70	64	64x90	kg
350x32x3	4	15÷150	190	+60°		90	90	-	90x90	50	45	45x90	640

OPTIONS TIGER

OPTION N° 02

5 L emulsifiable oil pack

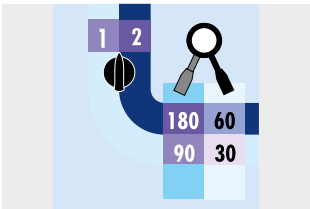


OPTION N° 11

Voltage adaption for 200-220V 50/60Hz three-phase

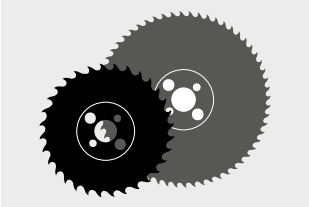
OPTION N° 03

Spray mist system



OPTION N° 13

Blade speed 30/60/90/180 rpm instead of standard 15/30/45/90 rpm



OPTION N° 05

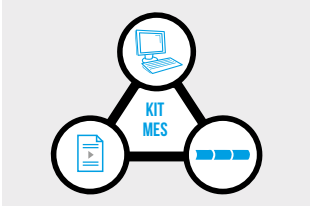
Circular blade HSS

OPTION N° 14

Kit IoT Industry 4.0 Ready

OPTION N° 09

Foot pedal control for vice (only MA)



OPTION N° 15

MePlan: Kit MES

OPTION N° 10

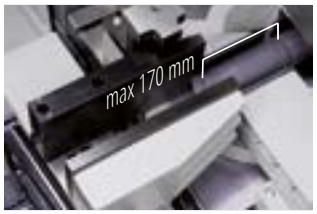
Supplementary foot pedal control with emergency stop

OPTION N° 26

Adapter for unloading table with support

OPTION N° 39

Pneumatic vertical vice (only MA version)

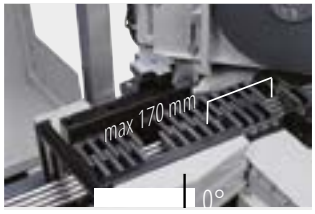


OPTION N° 40

Special vice to reduce remnant

OPTION N° 41

Set of comb jaws for bundle cutting (max. 70x70 mm - only for automatic cutting at 0°)



OPTION N° 42

Set of comb jaws (max. 70x70 mm - min. 10x10 mm) with remnant reduction to 170 mm - only for automatic cutting at 0°

OPTION N° 43

Supplementary pneumatic vice

OPTION N° 50

Set of comb jaws for bundle cutting (max. 70x70 mm)

OPTION N° 55

Set of comb jaws for bundle cutting (max. 70x70 mm)

OPTION N° 56

Roller conveyor KK200V/1500 mm
Rollers inclined at 45° when machine equipped with bundle comb jaws

OPTION N° 68

Blade Speed 15÷150 rpm - Inverter 5,5 kW

OPTION N° 71

Roller conveyor KK200/1500 mm

COBRA

THE IDEAL SOLUTION FOR LIGHT ALLOYS

MEP is specialized in the cutting of all types of ferrous material and, with the COBRA line, it completes its offer by providing solutions for those who need to cut light alloys. Aluminium, bronze, copper, etc. can therefore be cut ensuring excellent finishing and production. Moreover, our engineering team can develop customized solutions for materials or extruded with irregular geometries. Thanks to the COBRA range, MEP further strengthens its position as a SINGLE SUPPLIER FOR ANY CUTTING NEED!

MANUAL

Ideal sawing machines for small size production batches, trim cuts or cuts of parts. Presence of the operator is necessary during the cutting cycle and, where appropriate, he shall also measure the piece to cut. Due to the characteristics of the circular blade, the cut finishing is smooth.

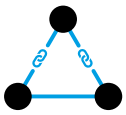
SEMI-AUTOMATIC

Ideal sawing machines for medium size production batches and cuts in series. Presence of the operator is necessary for starting the cutting cycle and, where appropriate, he shall also measure the piece to cut.Due to the characteristics of the circular blade, the cut finishing is smooth.

AUTOMATIC

Ideal for both large size production batches even on multiple work shifts and cuts in series in continuous cycle. Presence of the operator is not necessary during the cutting cycles, which can also automatically measure the piece to cut. Due to the characteristics of the circular blade, the cut finishing is smooth.

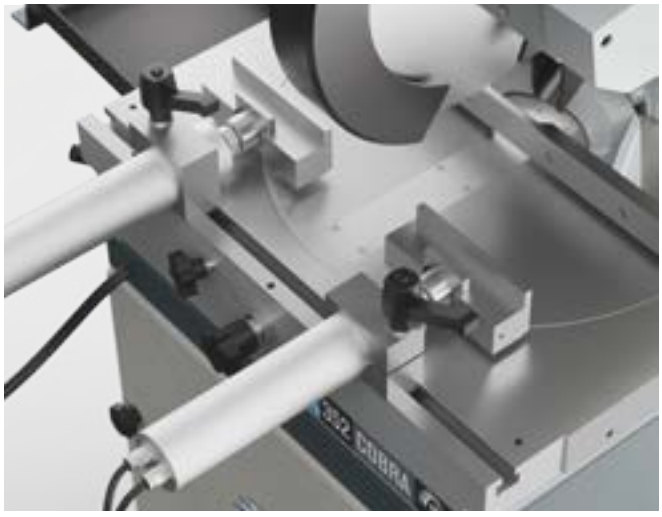
INDEX CHAPTER COBRA



COBRA
352 MA

MITER CUTTING • LIGHT ALLOYS • TUBES • PROFILES • EXTRUDED

COBRA 352 MA, manual pivoting sawing machine with hard-metal teeth blade to cut light alloys, aluminium profiles and solids mitering from -45° to +45°. The saw head is vertically adjustable to also perfom cuts with head tilting from 0° to +45°.



HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The transmission system equipped with pulleys and belts ensures high rigidity.

• The large working surface equipped with a turning table assembled on a thrust bearing of diameter of 425 mm ensures maximum cutting stability.

• The automatic coolant spray mist device, activated only when the cycle starts so as to avoid waste, grants an excellent blade cooling and longer life.

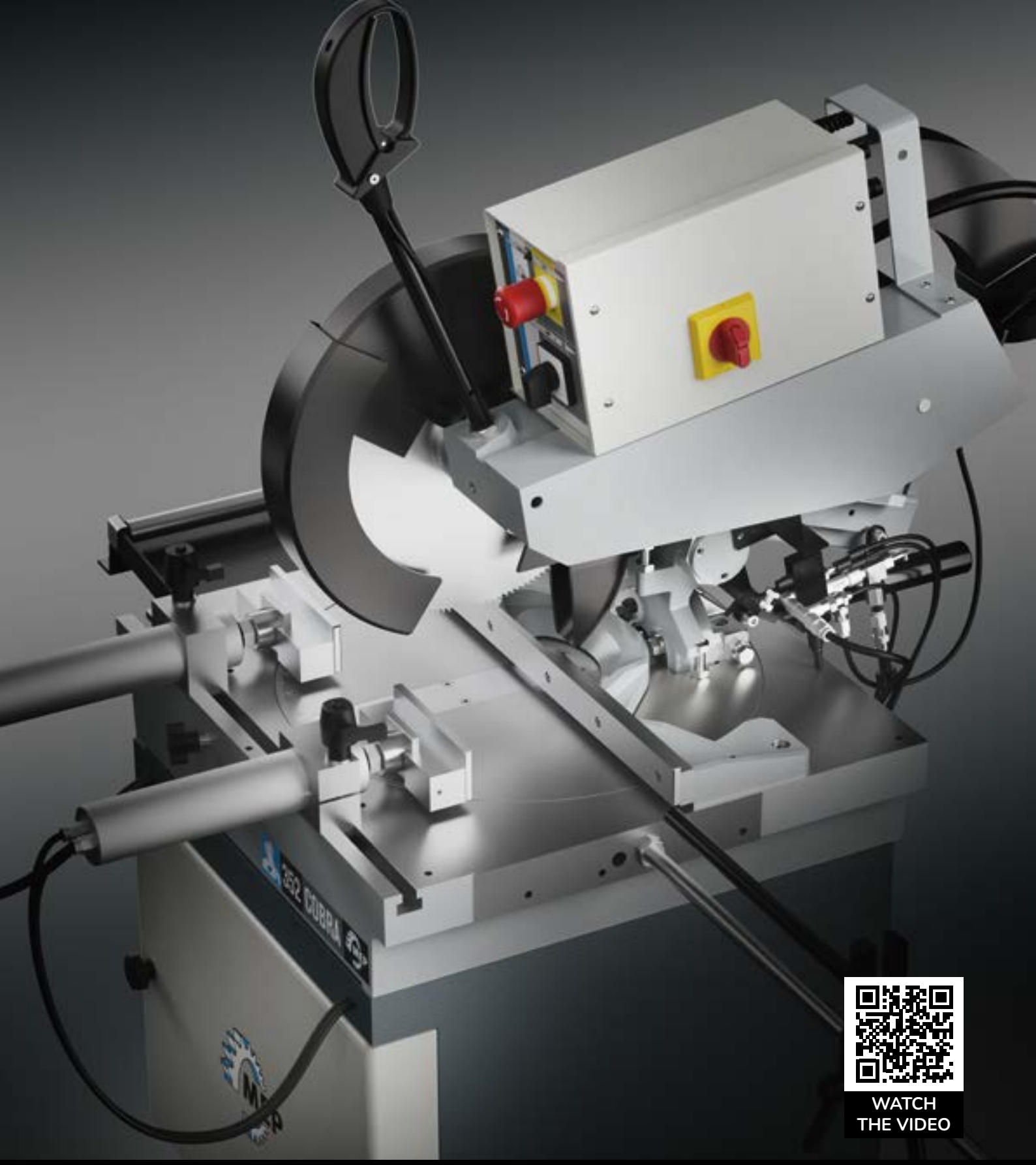
USER-FRIENDLINESS

• The turning cutting table is assembled on a central pin and thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

• The mechanical stops at -45°, 0° and +45° allow the quick positioning of the saw head.

• The rapid locking/unlocking clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.

• The pneumatic vice closing synchronized with the head down feed rate reduces execution time.



WATCH THE VIDEO

OPTIONS FROM PAGE 84 - N° 02 - 03 - 06 - 31 - 39 - 62 - 71

HM	1~	1 0 2	3~	1 0 2		-45°	120	100	135x60	55	
mm	**kW**	**rpm**	**kW**	**rpm**	**mm**	**0°**	120	105	180x70	80	**kg**
350x32x3,4	2,2	3400	1,5/2,2	1700/3400	180	**+45°**	110	95	135x60	55	160

COBRA
352 SX EVO

MITER CUTTING • LIGHT ALLOYS • TUBES • PROFILES • EXTRUDED

COBRA 352 SX EVO, electropneumatic semi-automatic pivot sawing machine with hard-metal teeth blade to cut light alloys, aluminium profiles and solids mitering from -45° to +45°.

HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The vertical vice ensures an efficient and safe clamping even in case of tube cutting.

• The large working surface equipped with a turning table assembled on a thrust bearing of diameter of 425 mm ensures maximum cutting stability.

USER-FRIENDLINESS

• A user-friendly interface with display and mechanical buttons ensures a reliable, easy and intuitive programming.

• The possibility to set the saw head stroke limits reduces cutting time.

• The mechanical stops at -45°, 0° and +45° allow the quick positioning of the saw head.

• The adjustable pneumatic vice pressure allows to adjust the clamping pressure according to the hardness of the material to cut.

HIGH SAFETY

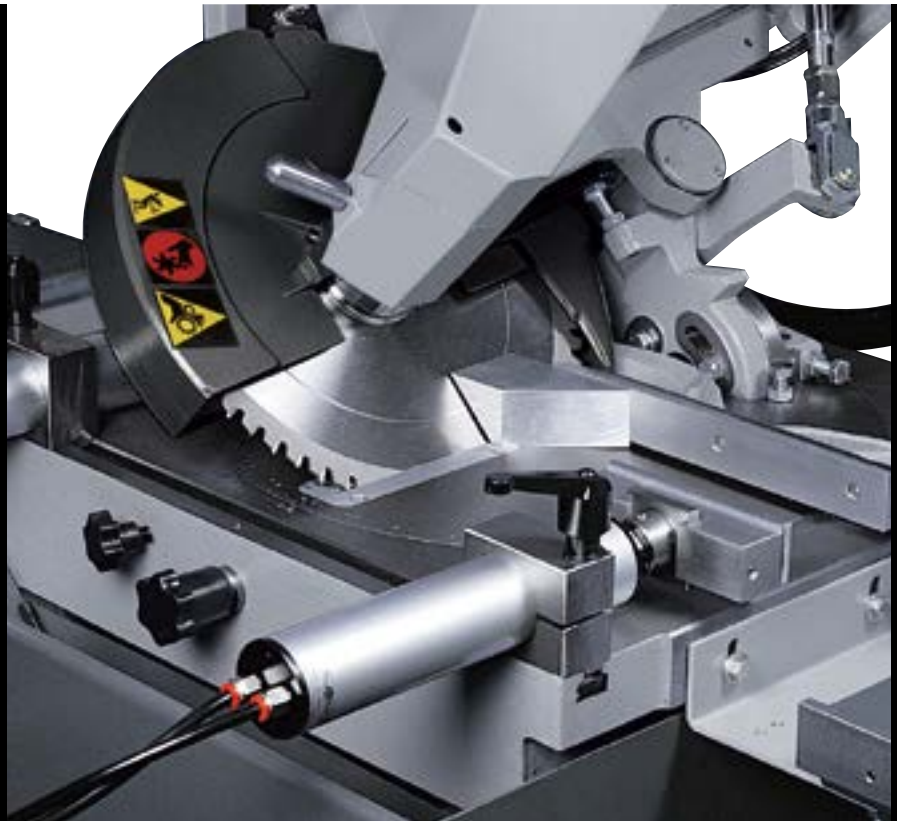
High operator's safety is guaranteed by the safety guarding surrounding the sawing machine with safety interlocks.

HYDROPNEUMATIC POSITIVE HEAD DOWN FEED RATE AND VICE CONTROL

The hydropneumatic cylinder for saw head down feed rate ensures a constant head down feed speed and, consequently, a better cutting finishing.

CLAMPING UNIT BOTH IN THE INFEED AND OUTFEED SIDE

The rapid locking/unlocking clamping unit sliding longitudinally to the right and left of the saw head allows to safely perform even precise miter cuts.



TILTING HEAD

The sawing machine cuts light alloys, aluminium profiles and solids from -45° to +45°. The saw head is vertically adjustable to also perfom cuts with head tilting from 0° to +45°.

WATCH THE VIDEO

OPTIONS FROM PAGE 84 - N° 02 - 03 - 06 - 10 - 24 - 31 - 45 - 56 - 59 - 62 - 71

HM					○	□	▭	■	
				-45°	120	100	135x60	55	
mm	kW	rpm	mm	0°	120	105	180x70	80	kg
350x32x3,4	1,5/2,2	1700/3400	180	+45°	110	95	135x60	55	290

COBRA
352 NC 5.0

MITER CUTTING • LIGHT ALLOYS • TUBES • PROFILES • EXTRUDED

COBRA 352 NC 5.0, electropneumatic automatic sawing machine with electrowelded hard-metal blade to cut light alloys, aluminium profiles and solids mitering from -45° to +45°.

MAXIMUM PRODUCTION

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The control allowing to store up to 100 cutting programs, each one with different quantities and lengths, minimizes programming time of regular jobs.

• The automatic acquisition of the saw head cutting start position reduces setting time.

• The automatic coolant spray mist device, actived only when the cycle starts so as to avoid waste, ensures an excellent blade cooling and longer life.

MAXIMUM PRECISION

• The bar feeder powered by stepper motor is a guarantee of high precision.

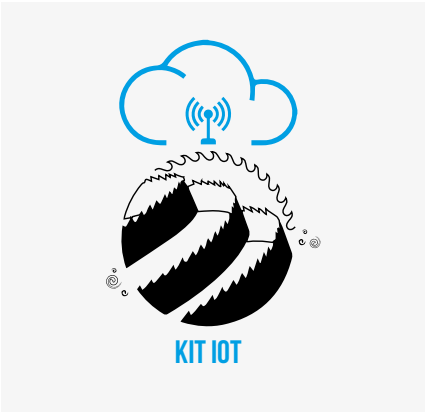
• Angles scale engraved on the turning platform allows to easily perform precise cuts in perfect tolerance at any angle.

• The mechanical stops at -45°, 0° and +45° with locking device at all angles in between allow the precise positioning of the saw head.

• The clamping unit, which is equipped with both two front pneumatic vices freely positionable along the longitudinal axis of the pieces and a vertical vice, ensures an efficient and safe clamping even if case of tube cutting.

ADAPTATIVE SAW HEAD DOWN FEED RATE

Self-regulation in real-time of head down feed rate according to type of material or blade wear.

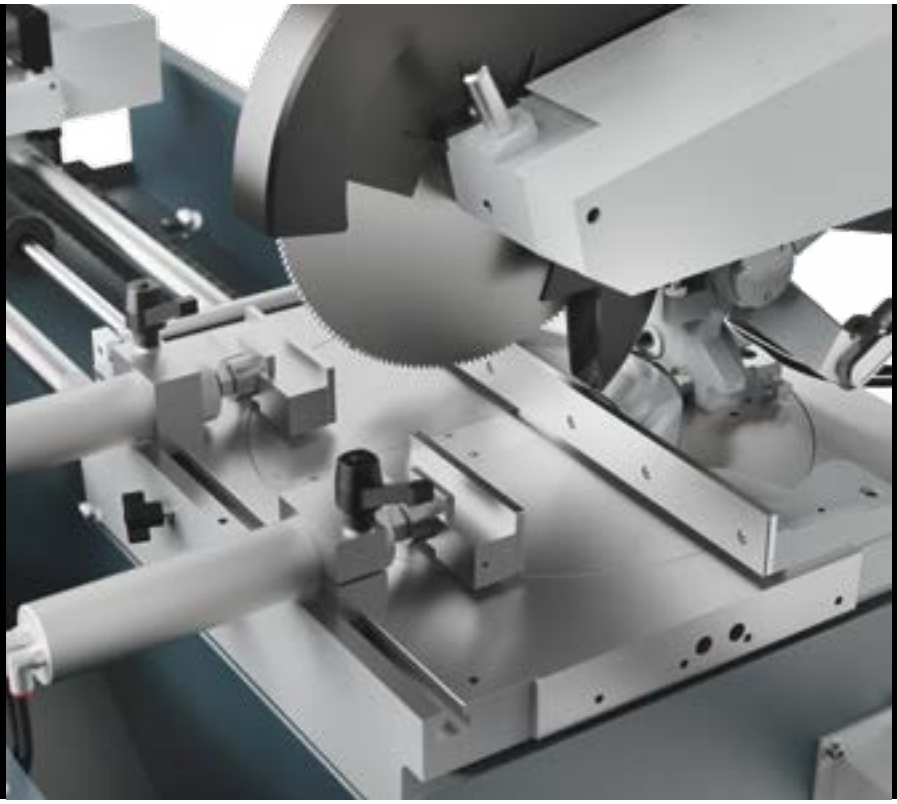


INDUSTRY 4.0 READY - IOT

The optional IOT allows to maximize data collection and use them in favor of a better sawing machine cutting performance and longer blade life.

TILTING HEAD

The sawing machine cuts light alloys, aluminium profiles and solids from -45° to +45°. The saw head is vertically adjustable to also perfom cuts with head tilting from 0° to +45°.



TURNING CUTTING TABLE

The turning cutting table is assembled on a central pin and thrust bearing thus allowing an easy and smooth rotation at any angle and turning along with the saw head thus preventing to cut it through.

OPTIONS FROM PAGE 84 - N° 02 - 03 - 06 - 10 - 14 - 15 - 31 - 46 - 47 - 48 - 56 - 62 - 63 - 71

				-45°	120	100	135x60	55	
mm	kW	rpm	mm	0°	120	105	180x70	80	kg
350x32x3,4	2,6/3,5	1700/3400	180	+45°	110	95	135x60	55	600

WATCH
THE VIDEO

OPTIONS COBRA

OPTION N° 02

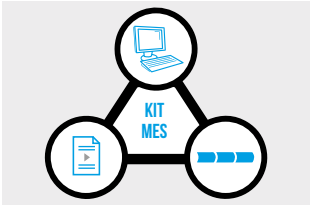
5 L emulsifiable oil pack

OPTION N° 14

Kit IoT Industry 4.0 Ready

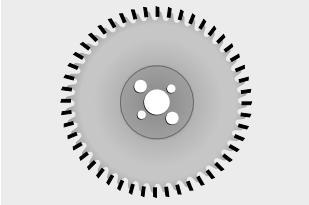
OPTION N° 03

Spray mist system



OPTION N° 15

MePlan: Kit MES



OPTION N° 06

Circular blade TCT

OPTION N° 24

Pneumatic vertical vice

OPTION N° 09

Foot pedal control for vice (only MA)

OPTION N° 31

Adapter for unloading table

OPTION N° 10

Supplementary foot pedal control with emergency stop

OPTION N° 39

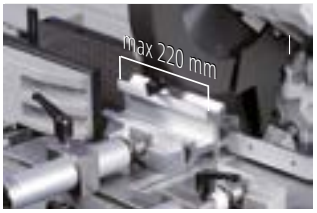
Pneumatic vertical vice (only MA version)

OPTION N° 45

Set of comb jaws for bundle cutting max 70x70 mm

OPTION N° 59

Chip collector electrical connection

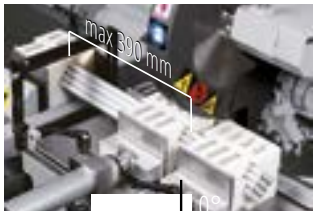


OPTION N° 46

Special vice to reduce remnant (max 220 mm)

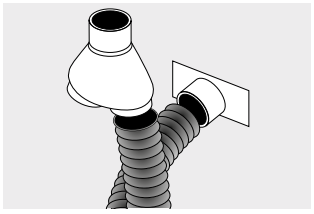
OPTION N° 62

Chip collector Turbo 2500



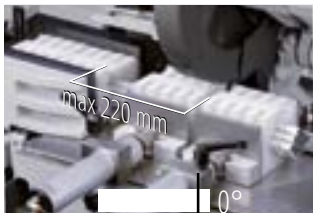
OPTION N° 47

Set of nylon comb jaws max 75x75 mm



OPTION N° 63

Kit for double suction



OPTION N° 48

Set of nylon comb jaws (max 75x75 mm) for special vice to reduce remnant (to order only if combined with the vice to reduce remnant)

OPTION N° 71

Roller conveyor KK200/1500 mm

OPTION N° 56

Roller conveyor KK200V/1500 mm
Rollers inclined at 45° when machine equipped with bundle comb jaws

FALCON

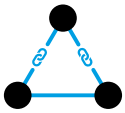
"CUTTING AND HISTORY"

FALCON 352 is our link with the history of the company being one of the first models manufactured in the 70s.
Pull-down circular sawing machines have always represented the "MUST HAVE" of any small workshop since they ensure precise and burr-free cuts with an excellent finishing. Choose the story, optimizing your work!

MANUAL

Ideal sawing machines for small size production batches, trim cuts or cuts of parts. Presence of the operator is necessary during the cutting cycle and, where appropriate, he shall also measure the piece to cut. Due to the characteristics of the circular blade, the cut finishing is smooth.

INDEX CHAPTER FALCON



FALCON
352/MA

MITER CUTTING • METALS • TUBES • PROFILES • BEAMS

FALCON 352 MA, manual pull-down sawing machine to cut metals mitering from -45° to +45°, is supplied with a steel base and two speeds motor. Furthermore it is supplied with a pneumatic vice (MA) and automatic clamping when the saw head is pulled down.

HEAVY-DUTY

• The cast-iron structure absorbs vibrations and ensures greater cutting stability and longer blade life.

• The double head return spring ensures maximum safety during the cutting cycle.

• The adjustable steel anti-burr device clamps the material both in the infeed and outfeed.

• The control panel equipped with thermal relay and minimum-tension coil ensures maximum protection against phase failure.

EXCEPTIONAL FLEXIBILITY

• The mechanical stops at -45°, 0° and +45° with locking device at all angles in between allow the quick positioning of the saw head.

• The cutting vice equipped with a sliding jaw allows to clamp the material as close as possible to the cutting line.

• Engraved metric scale and flip-over stop are the perfect solution for precision and serial cuts at any length.

• The pneumatic vice (MA) reduces execution time.

WATCH THE VIDEO

OPTIONS AT PAGE 90 - N° 01 - 02 - 05 - 25 - 64 - 71

				-45°	Ø	75	75	90x65	Ø	40	Kg
mm	kW	rpm	mm	0°	350	115	100	130x80	250	50	Falcon 352: 220
250÷350x32x2,5	1,1/2,2	30/60	130	+45°		100	85	90x80		40	Falcon 352 MA: 245

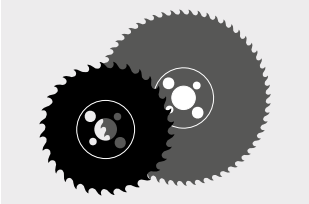
OPTIONS FALCON

OPTION N° 01

Measuring stop device with steel rod 0-600 mm

OPTION N° 02

5 L emulsifiable oil pack



OPTION N° 05

Circular blade HSS

OPTION N° 25

Adapter for unloading table

OPTION N° 64

Steel base

OPTION N° 71

Roller conveyor KK200/1500 mm

CONVEYORS FOR SAWING MACHINES

	ADAPTERS		KK IDLER ROLLER CONVEYORS							KK MOTORIZED ROLLER CONVEYORS					
										CONTROL A			CONTROL B		
	LOADING	UNLOADING	KK200	KK330	KK330 HD	KK 460	KK 530	KK 730	KK 930	KK 530	KK730	KK 930	KK 530	KK730	KK930
PH 211-1	•	•	•												
PH211-1 HB	•	•	•												
PH 261-1	•	•		•											
PH 261-1 HB	•	•		•											
PH 262	•	•		•											
PH 262 HB	•	•		•											
SHARK 281		•		•											
SHARK 281 CCS		•		•											
SHARK 281 CCS MA		•		•											
SHARK 281 SXI EVO		•		•											
SHARK 281 NC 5.0		•		•	•										
SHARK 282		•		•											
SHARK 282 CCS		•		•											
SHARK 282 CCS MA		•		•											
SHARK 282 SXI EVO		•		•											
SHARK 332-1 CCS		•		•											
SHARK 332-1 SXI EVO		•		•											
SHARK 332-1 NC 5.0		•		•	•										
SHARK 331-1 NC 5.0 SPIDER		•		•	•										
SHARK 382-1 SXI EVO		•				•	•			•			•		
SHARK 452-1 SXI EVO	•	•				•	•			•			•		
SHARK 230-1 NC HS 5.0				•	•										
TIGER 352		•	•												
TIGER 352 MA		•	•												
TIGER 352 SX EVO		•	•												
TIGER 352 NC 5.0		•	•												
TIGER 372 SX EVO		•	•												
COBRA 352 MA		•	•												
COBRA 352 SX EVO		•	•												
COBRA 352 NC 5.0		•	•												
FALCON 352		•	•												
FALCON 352 MA		•	•												

OPTIONS IDLER CONVEYORS

KK IDLER ROLLER CONVEYORS

		VERTICAL ROLLER	SET OF VERTICAL ROLLERS	TWO SETS OF VERTICAL ROLLERS	HEAVY-DUTY VERTICAL ROLLER	ADJUSTABLE VERTICAL ROLLER	HYDRAULIC SQUARING VICE	TRAY COOLANT RECOVERY	ADDITIONAL SUPPORT	SAFETY FILLER PLATES	STAGING SKIDS	MEASURING STOP DEVICE R1	MEASURING STOP DEVICE R2	MEASURING STOP DEVICE R3	MEASURING STOP DEVICE R4	MEASURING STOP DEVICE FLASH	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER	ARROW (M, S, A)	BLAZE (S, A)
KK 200									•			•	•	•						
KK 330			•	•					•			•	•	•					•	
KK330HD			•																•	
KK 460			•	•					•				•	•					•	
KK 530		•			•	•	•	•		•	•				•					•
KK 730		•			•	•	•	•		•	•				•					•
KK 930		•			•	•	•	•		•	•				•					•

• suitable it requires a control

OPTIONS MOTORIZED CONVEYORS

		VERTICAL ROLLER	SET OF VERTICAL ROLLERS	TWO SETS OF VERTICAL ROLLERS	HEAVY-DUTY VERTICAL ROLLER	ADJUSTABLE VERTICAL ROLLER	HYDRAULIC SQUARING VICE	TRAY COOLANT RECOVERY	ADDITIONAL SUPPORT	SAFETY FILLER PLATES	STAGING SKIDS	MEASURING STOP DEVICE R1	MEASURING STOP DEVICE R2	MEASURING STOP DEVICE R3	MEASURING STOP DEVICE R4	MEASURING STOP DEVICE FLASH	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER	ARROW (M ,S, A)	BLAZE (S, A)
KKA MOTORIZED ROLLER CONVEYORS (MANUAL FREE STAND CONTROL WITH JOYSTICK)																				
KK 530		•			•	•	•	•		•	•									
KK 730		•			•	•	•	•		•	•									
KK 930		•			•	•	•	•		•	•									
KKB MOTORIZED ROLLER CONVEYORS (FIXED MANUAL FREE STAND CONTROL)																				
KK 530		•			•	•	•	•	•	•	•					•	•	•		
KK 730		•			•	•	•	•	•	•	•					•	•	•		
KK 930		•			•	•	•	•	•	•	•					•	•	•		

KKC MOTORIZED ROLLER CONVEYORS (FIXED AUTOMATIC FREE STAND CONTROL)

		VERTICAL ROLLER	SET OF VERTICAL ROLLERS	TWO SETS OF VERTICAL ROLLERS	HEAVY-DUTY VERTICAL ROLLER	ADJUSTABLE VERTICAL ROLLER	HYDRAULIC SQUARING VICE	TRAY COOLANT RECOVERY	ADDITIONAL SUPPORT	SAFETY FILLER PLATES	STAGING SKIDS	MEASURING STOP DEVICE R1	MEASURING STOP DEVICE R2	MEASURING STOP DEVICE R3	MEASURING STOP DEVICE R4	MEASURING STOP DEVICE FLASH	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER	ARROW (M ,S, A)	BLAZE (S, A)
KK 530		•			•	•	•	•	•	•	•					•	•	•		
KK 730		•			•	•	•	•	•	•	•					•	•	•		
KK 930		•			•	•	•	•	•	•	•					•	•	•		

TECHNICAL SPECIFICATIONS

	Rest piece no longer feeded standard (mm)	Minimum cutting length (mm)	Cutting capacity with overhead bundling (mm)	Speed of feeding vice (m/min)	Max. weight that the feeding vice can pull (kg)	Working table height (mm)
PH 211/1	-	-	-	-	-	935
PH 211/1 - HB	-	-	-	-	-	935
PH 261/1	-	-	-	-	-	950
PH 261/1 - HB	-	-	-	-	-	950
PH 262	-	-	-	-	-	950
PH 262 - HB	-	-	-	-	-	950
SHARK 281	-	-	-	-	-	860
SHARK 281 CCS/MA	-	-	-	-	-	860
SHARK 281 SXI evo	-	-	-	-	-	857
SHARK 281 NC 5.0	260	10	170x130	4	1360	870
SHARK 282	-	-	-	-	-	870
SHARK 282 CCS/MA	-	-	-	-	-	870
SHARK 282 SXI evo	-	-	-	-	-	861
SHARK 331-1 NC 5.0 SPIDER	210	10	320x150	4	1360	900
SHARK 332-1 CCS	-	-	-	-	-	870
SHARK 332-1 SXI evo	-	-	-	-	-	870
SHARK 332-1 NC 5.0	400	10	320x160	4	1360	870
SHARK 382-1 SXI evo	-	-	-	-	-	870
SHARK 452-1 SXI evo	-	-	-	-	-	880
SHARK 230-1 NC HS 5.0	85	10	230x230	4	1360	870
TIGER 352/MA	-	-	-	-	-	940
TIGER 352 SX evo	-	-	-	-	-	950
TIGER 352 NC 5.0	320	10	70x70	4.5	1360	950
TIGER 372 SX evo	-	-	-	-	-	950
FALCON 352	-	-	-	-	-	970
FALCON 352 MA	-	-	-	-	-	970
COBRA 352 MA	-	-	-	-	-	920
COBRA 352 SX evo	-	-	-	-	-	925
COBRA 352 NC 5.0	385	-	75x75	4.6	1360	940

Capacity of the coolant tank (Lt)	Capacity of the hydraulic tank (Lt)	Blade length (mm)	Max. sawing machine sizes (mm)	Packing size (mm)
10	-	2130 ±20 X 20 X 0.9	1510 X 645	800 X 1400 X 1650
10	-	2130 ±20 X 20 X 0.9	1510 X 645	800 X 1400 X 1650
15	-	2450 ±20 X 20 X 0.9	1725 X 715	800 X 1400 X 1650
15	-	2450 ±20 X 27 X 0.9	1725 X 715	800 X 1400 X 1650
15	-	2450 ±20 X 27 X 0.9	1580 X 710	800 X 1400 X 1650
15	-	2450 ±20 X 27 X 0.9	1580 X 710	800 X 1400 X 1650
22	-	2950 ±20 X 27 X 0.9	1785 X 800	1000 X 1700 X 1650
22	-	2950 ±20 X 27 X 0.9	1785 X 800	1000 X 1700 X 1650
13	2.5	2950 ±20 X 27 X 0.9	2000 X 1000	1000 X 1700 X 1840
120	35	2950 ±20 X 27 X 0.9	2460 X 2230	1960 X 2190 X 2030
13	-	2950 ±20 X 27 X 0.9	1800 X 900	1000 X 1700 X 1650
13	-	2950 ±20 X 27 X 0.9	1800 X 900	1000 X 1700 X 1650
13	2.5	2950 ±20 X 27 X 0.9	1650 X 1150	1000 X 1700 X 1840
100	35	3650 ±20 X 27 X 0.9	1900 X 1860	2040 X 2020 X 1740
80	-	3650 ±20 X 27 X 0.9	2155 X 1210	1300 X 2200 X 1950
60	2.5	3650 ±20 X 27 X 0.9	2250 X 1400	1300 X 2000 X 1950
120	35	3650 ±20 X 27 X 0.9	2720 X 2324	2030 X 2300 X 2150
60	2.5	3770 ±20 X 27 X 0.9	2250 X 1400	1300 X 2000 X 1950
80	2.5	4500 ±20 X 34 X 1.1	3300 X 1660	2040 X 2280 X 1800
95	33	2950 ±20 X 27 X 0.9	1655 X 1864	1800 X 2080 X 2100
20	-	HSS 350 X 32 X 2.5	960 X 1040	950 X 1000 X 1870
20	-	HSS 350 X 32 X 2.5	1140 X 1035	1050 X 1120 X 2050
20	-	HSS 350 X 32 X 2.5	2150 X 1300	1200 X 1920 X 2200
80	-	HSS 370 X 32 X 3.0	1400 X 1490	1240 X 1480 X 2150
42	-	HSS 350 X 32 X 2.5	860 X 1170	830 X 920 X 880
42	-	HSS 350 X 32 X 2.5	860 X 1170	830 X 920 X 1500
1/10	-	HM 350 X 32 X 3.4	850 X 1230	700 X 1000 X 1700
1/10	-	HM 350 X 32 X 3.4	1700 X 1510	1200 X 1450 X 1800
1/10	-	HM 350 X 32 X 3.4	2360 X 1700	1650 X 2200 X 2150

MEP's passionate team of designers and technical experts use the latest mechanical design software to be at the forefront of metal cutting technology and to choose the most innovative and advanced solutions to all possible needs in metal cutting.

DESIGN AND PRODUCTION OF CUSTOM CUTTING LINES

MEP's technical staff are able to design and build custom cutting machines and equipments to meet all possible needs.

DO YOU NEED A SAW?

WE MAKE YOUR OWN SAW!

SERVICE & SUPPORT

The Mep After Sale Service supports Customers with a range of services that for years have been one of the Company's excellence.

SPARE PARTS

Our technical staff is always ready to guarantee you the best assistance in the identification of the spare parts, even for machines out of production, and shipping by the fastest couriers within 24-72 hours after placing the order.
Moreover, storage and modern logistics ensure that our spare parts warehouse is constantly optimized in order to guarantee maximum availability.

MAINTENANCE PLANS

A regular maintenance has several benefits: less frequent failures and breakages, longer life of the sawing machine and its parts, more efficient system.
Find out which maintenance plan is the most suitable for your production needs or check if the maintenance KIT suitable for your sawing machine is available. Maximize efficiency to avoid any unpleasant events! Prevent expensive downtime by relying on the experience of our after sale service team.

TRAINING PLANS

Conceived for your MEP sawing machines or cutting lines: these cutting-edge courses are oriented to customers and workshop practice and they are about notions and practice directly on the machine!
Stand out from the competion by taking full advantage of the potential of your sawing machine!

OVERHAUL

Restore the efficiency of your sawing machine by improving productivity, cutting precision and safety.

INTEGRATIONS AND OPTIMIZATIONS

Upgrades to enhance the software version in use, along with the integrations needed to connect its parts with other systems, maximize the efficiency of your workshop by making the most of its potential.

OUR EXPERIENCE AND SUPPORT TO GRANT YOUR EFFICIENCY, ALWAYS!

AFTER SALES PROGRAM

Given the primary importance of Customer Satisfaction, particular attention has been paid to the management of the After Sales Service by a highly specialized internal staff that constantly interacts with quality control, Authorized Customer Service Centres, Sales Office and End Customers.

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.

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

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

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