



2025

MATERIAL HANDLING SYSTEM



MEP | SAWING AND WIDE SOLUTIONS

REVOLUTIONIZING THE FUTURE OF METAL CUTTING THROUGH INNOVATIVE SUSTAINABLE TECHNOLOGIES

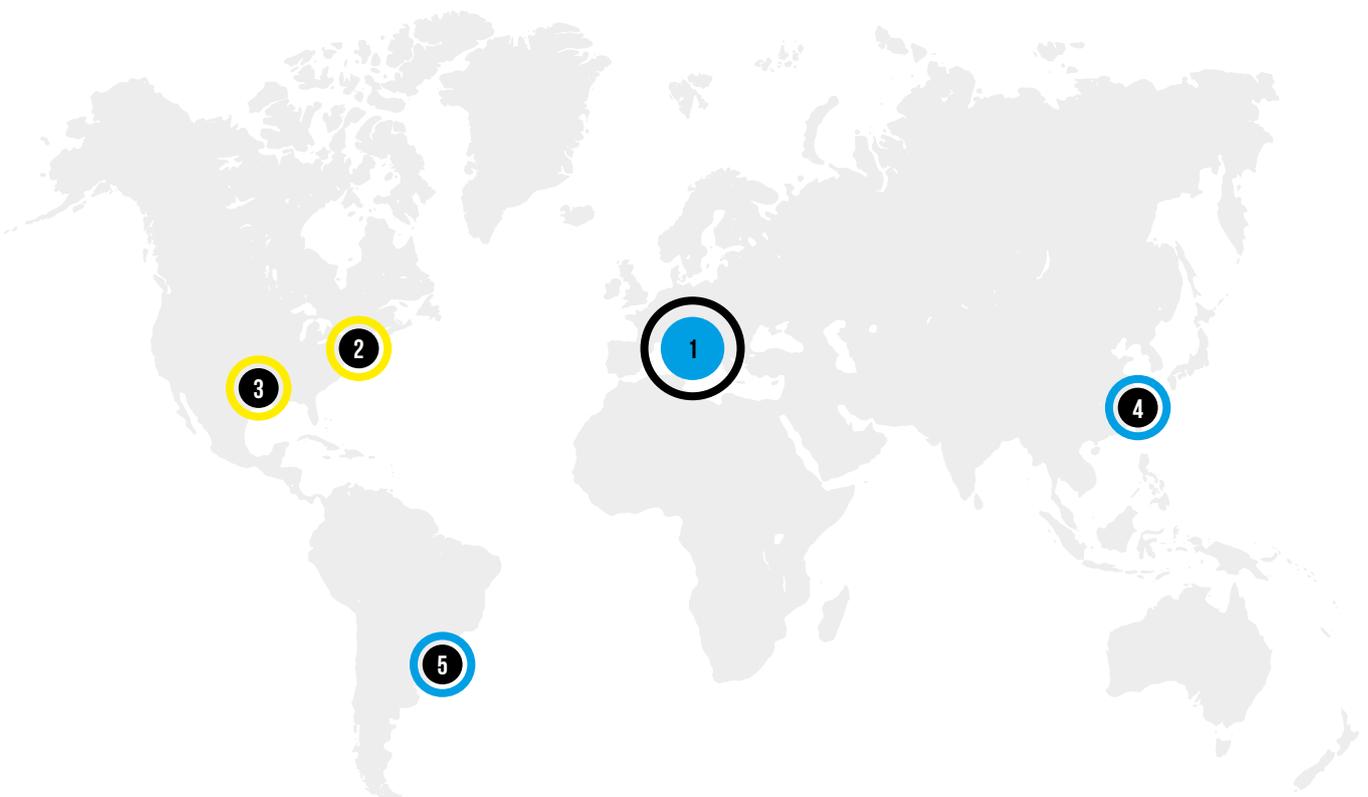
"... Our products and services for metal cutting are transforming the future of digital factory by offering a wide range of solutions to improve the efficiency and automation of production processes: this holistic approach has actually consolidated Industry 4.0 standards and is helping to define the 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.**



HYDMECH

Woodstock, ON
Canada



HYDMECH inc.

Conway, AR
USA



MEP SPA

Pergola (PU)
Italy



**MEP (SUZHOU)
CO. LTD**

Suzhou P.R.
China



**MEP DO BRASIL
LTDA.**

São Paulo - SP
Brazil



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

80

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.”

MATERIAL HANDLING SYSTEM

Our standard modules have been designed and manufactured in order to offer maximum flexibility of use, so that they can grow, change and evolve according to the nature of day-to-day operations of any company:

- The line is characterized by its heavy-duty and customizable structure.
- Its modular systems can be combined both mechanically and electrically. Their use goes from materials handling working with the sawing machine to a high level of automation of the cutting cycle. Moreover, these systems allow to work with any other sawing machine too.

ROLLER TABLES

The tables have been designed as modular units of 1500mm or 3000mm in length, which can be equipped with rollers of 530-730-930mm in width, idle or motor-driven. Control is available either on the console or portable.

MEASURING SYSTEMS

Our measuring system line is the ideal solution for those who need to accurately measure the values of the piece to cut. The range of measuring systems consists of models with manual (R, MB and M) or programmable (S) positioning as well as models with automatic continuous material feeding (A). Lastly, they are compatible with unloading from either the right or the left as they can be mounted in a specular fashion.

MATERIAL ALIGNMENT AND CONTAINMENT SYSTEMS

The movable vertical rollers and squaring vices are ideal for containing and aligning material in bundles or with a circular cross-section. Both are available in 3 different sizes and they can be installed either in the infeed or outfeed of the sawing machine.

STORAGE SYSTEMS

The transfer units and staging skids are ideal for storing the material to be cut or already cut, and they can be installed either in the infeed or outfeed of the sawing machine.

BAR LOADER

The bar loader allows you to cut in sequence all the bars which are positioned onto the chute of the loading magazine and consequently the machine can work, even for a long time, without the presence of the operator.



HARK CNC HS 4.0



DISCOVER THE
MATERIAL HANDLING
SYSTEM LINE

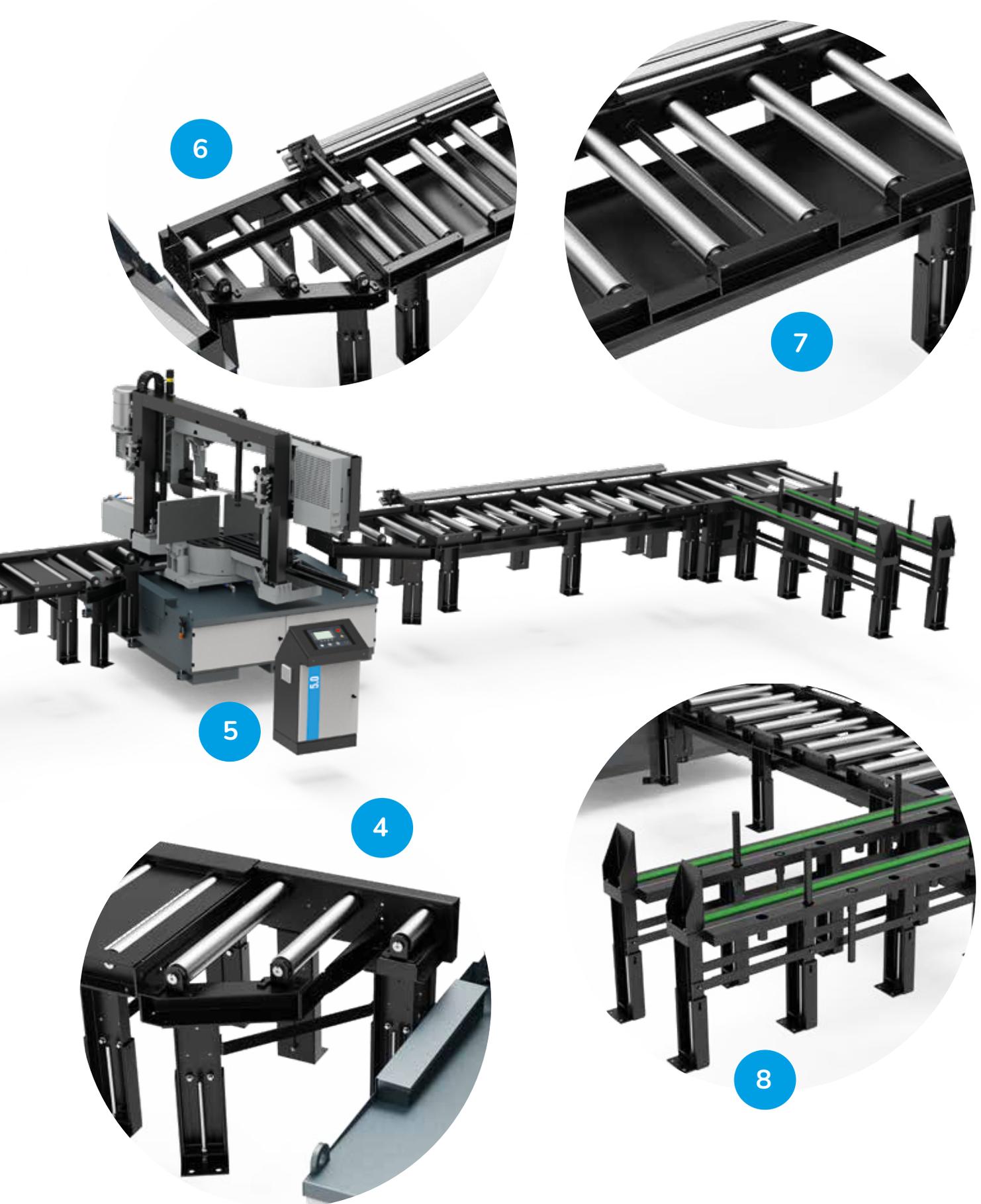
MHS



LEGEND

- 1 - CHAIN CROSS TRANSFER - TRUCK & TROLLEY CROSS TRANSFER
- 2 - HYDRAULIC SQUARING VICES - ADJUSTABLE VERTICAL ROLLER
- 3 - SAFETY FILLER PLATES
- 4 - ADAPTER

- 5 - SAWING MACHINE
- 6 - MEASURING SYSTEMS TYPE R1, R2, R3, R4
- 7 - TRAY COOLANT RECOVERY
- 8 - STAGING SKIDS



The image is for illustrative purposes and does not represent a possible solution.

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ROLLER TABLES

Our standard modules have been designed and manufactured in order to offer maximum flexibility of use, so that they can change and evolve over time, optimising use according to the nature of the operations of any type of company.

In addition to standing out for their robust and customizable structure, the systems are modular and can be combined, both mechanically and electrically, and allow uses ranging from simple materials handling working with the sawing machine to a high level of automation of the entire cutting cycle. Moreover, these systems allow working with any other sawing machine too.

They are also equipped with a wide range of options, which can also be customized upon request according to specific needs.

IDLE LINE

Available in 7 different sizes, the idle roller tables can be installed either in the infeed or outfeed of the sawing machine.

They are all available with a length of 1500mm for loads up to 2000 kg and with a length of 3000mm for loads up to 4000 kg.

MOTORIZED LINE

Available in 3 different sizes, the motor-driven roller tables can be installed either in the infeed or outfeed of the sawing machine.

They are all available with a length of 1500mm for loads up to 2000 kg and with a length of 3000mm for loads up to 4000 kg.





KK 200

NETWORK • INDUSTRY

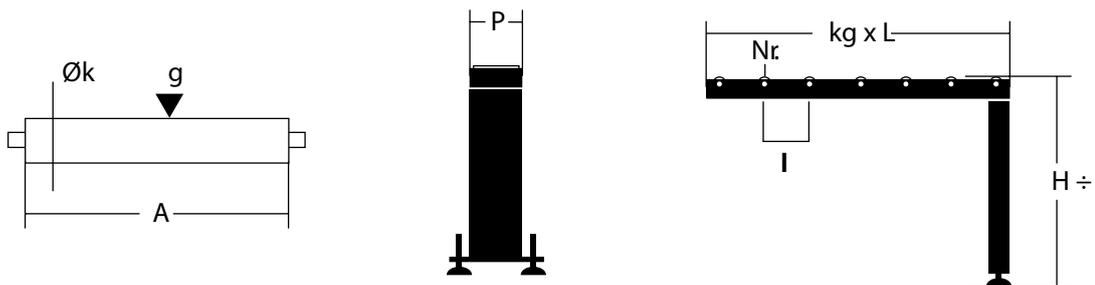
Model	KK200
Ø mm	24
kg	41
A	190
P	245
l	251
Nr. x L	7
kg x L	280 x 1500
H ÷ H1	735 ÷ 1070

Idle roller conveyor compatible with loading and unloading. Compatible with both belt and disc models. For easily transporting medium-light material.

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- The covers between the rollers allow even the shortest workpieces to be handled efficiently, as well as being a safety feature for the operator, preventing crushing/shearing.



OPTIONS AT page 24 n° 06



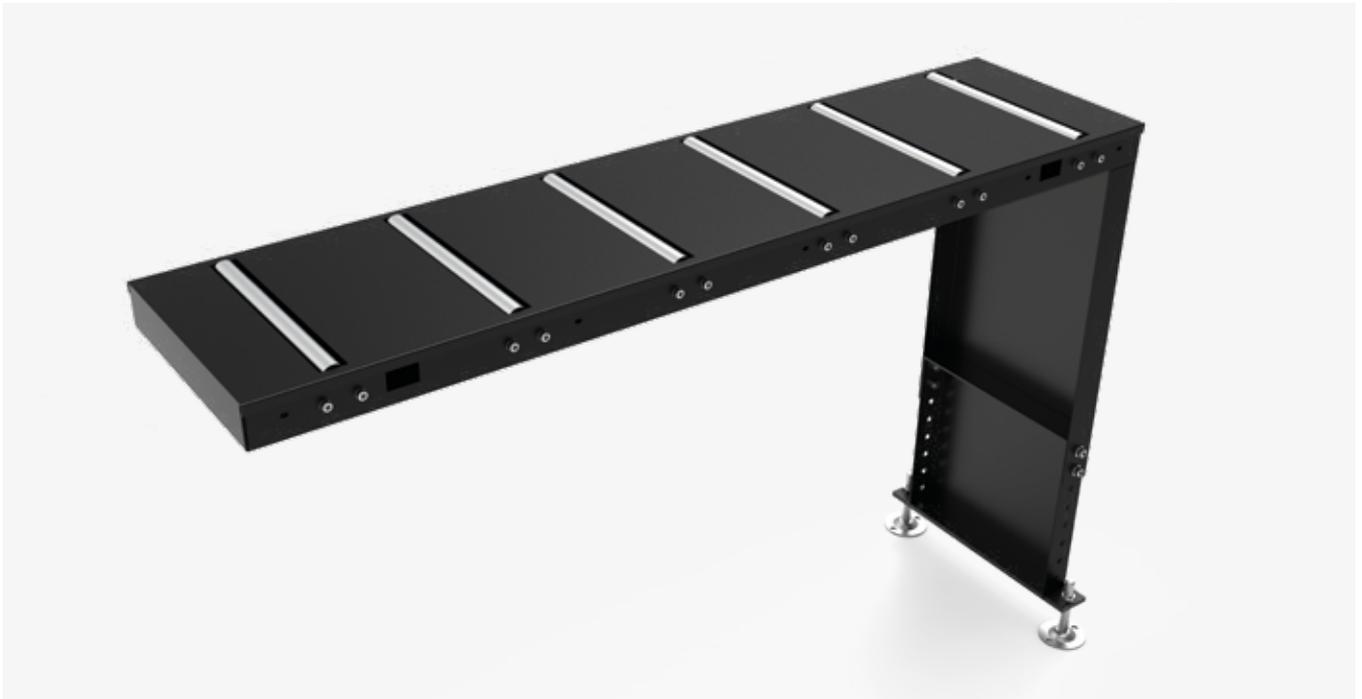
KK 330

NETWORK • INDUSTRY

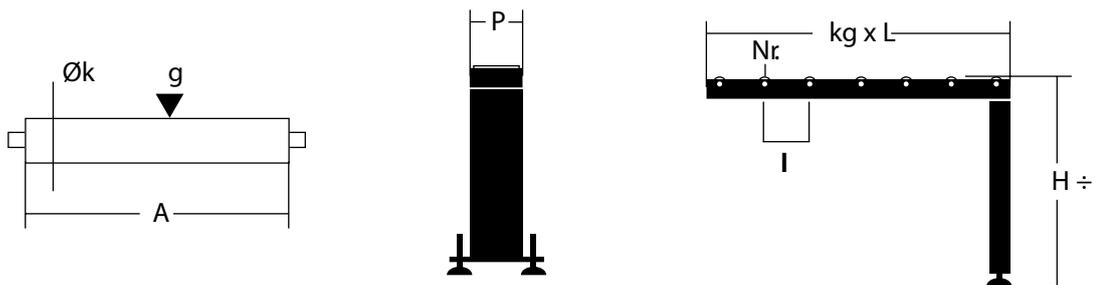
Model	KK330
Ø mm	32
kg	110
A	330
P	360
l	251
Nr. x L	6
kg x L	660 x 1500
H ÷ H1	618 ÷ 950

Idle roller conveyor compatible with loading and unloading. Compatible with both belt and disc models. For easily transporting medium-heavy material.

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- The covers between the rollers allow even the shortest workpieces to be handled efficiently, as well as being a safety feature for the operator, preventing crushing/shearing.



OPTIONS AT page 24 n° 02 - 03 - 06



KK 330 HD

NETWORK • INDUSTRY

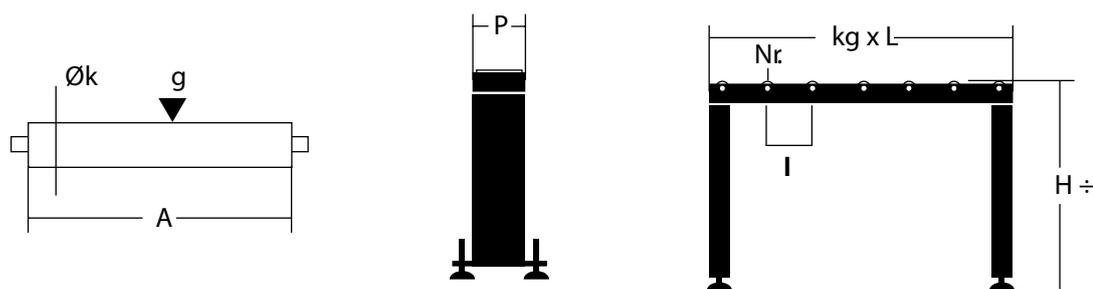
Model	KK 330 HD
Ø mm	50
kg	250
A	340
P	371
l	267
Nr. x L	6
kg x L	1500 x 1500
H ÷ H1	840 ÷ 910

Idle roller conveyor compatible with loading and unloading. Compatible with both belt and disc models. For easily transporting material, designed to handle single or multiple solid bars.

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- The covers between the rollers allow even the smallest cut workpieces to be handled, as well as being a safety feature for the operator, preventing crushing/shearing.



OPTIONS AT page 24 n° 02



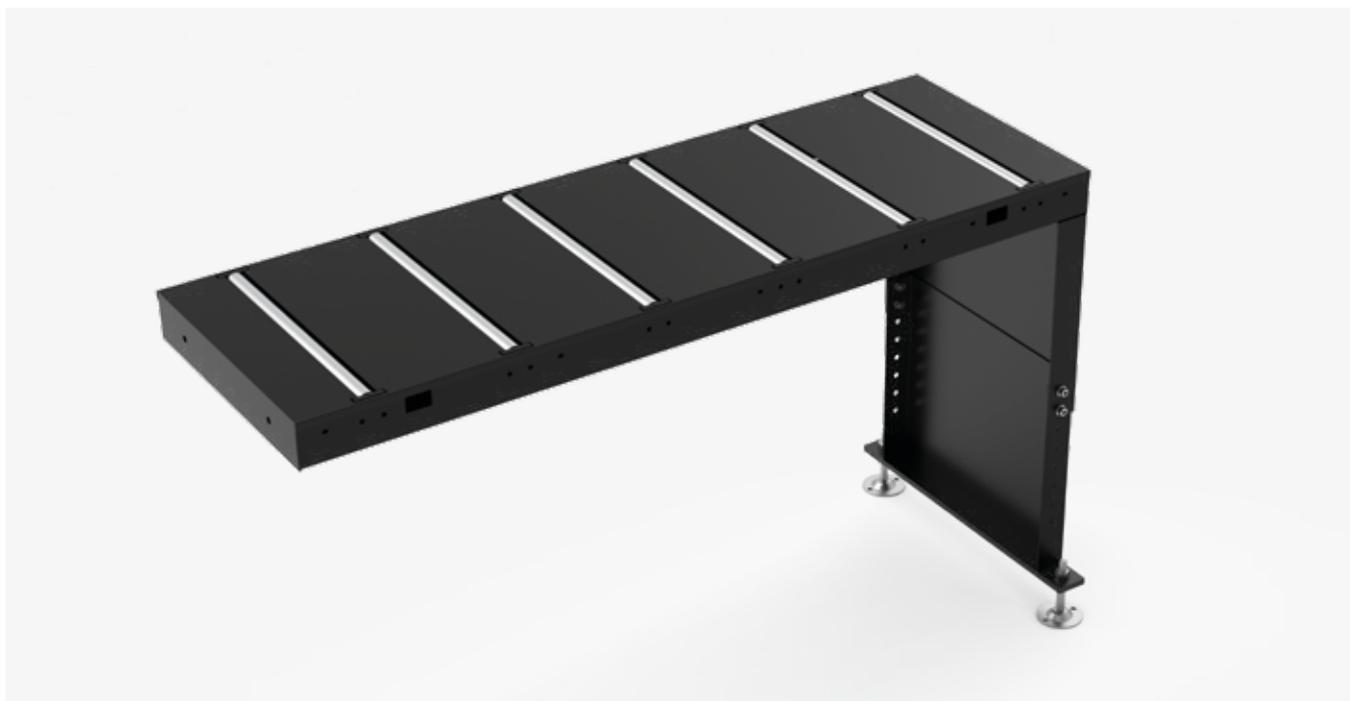
KK 460

NETWORK • INDUSTRY

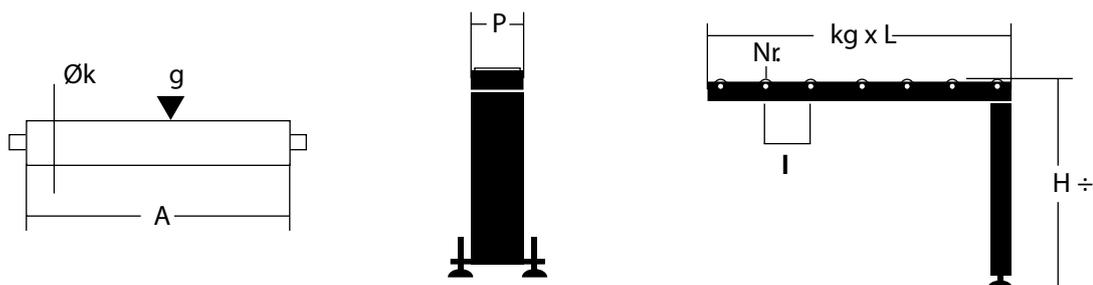
Model	KK 460
Ø mm	35
kg	210
A	460
P	460
l	251
Nr. x L	6
kg x L	1260 x 1500
H ÷ H1	620 ÷ 915

Idle roller conveyor compatible with loading and unloading. Compatible with both belt and disc models. For easily transporting medium-heavy material.

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- The covers between the rollers allow even the smallest cut workpieces to be handled, as well as being a safety feature for the operator, preventing crushing/shearing.



OPTIONS AT page 24 n° 02 - 03 - 06



KK 530 IDLER

The KK530 idle roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg. Wide range of options. Compatible with the band sawing machine models.

NETWORK • INDUSTRY

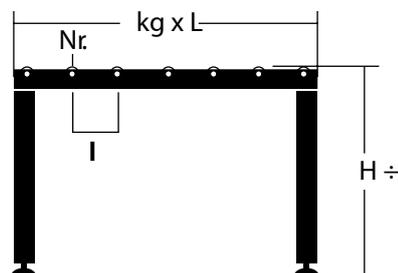
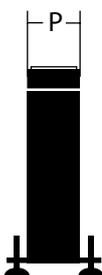
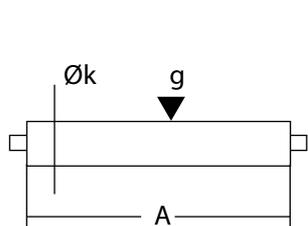
- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.



OPTIONS AT page 24 n° 01 - 04 - 05 -07

L	1508
Ø mm	89
kg	400
A	530
P	780-880
I	305
Nr. x L	5
kg x L	2000 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	400
A	530
P	780-880
I	305
Nr. x L	10
kg x L	4000 x 3008
H ÷ H1	760 ÷ 1010



KK 530 MOTORIZED

The KK530 motor-driven roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg.

Wide range of options. Compatible with the band sawing machine models.

The motor-driven tables can be operated by portable joystick control or by manual control on the console, allowing remote material handling in maximum safety (p.20).

NETWORK • INDUSTRY

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.
- The cutting line is required to be made safe with perimeter guards.



OPTIONS AT page 24 n° 01 - 04 - 05 -06 - 07

L	1508
Ø mm	89
kg	450
A	530
P	740-870
I	305
Nr. x L	5
kg x L	2250 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	450
A	530
P	740-870
I	305
Nr. x L	10
kg x L	4500 x 3008
H ÷ H1	760 ÷ 1010

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

KK 730 IDLER

The KK730 idle roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg. Wide range of options. Compatible with the band sawing machine models.

NETWORK • INDUSTRY

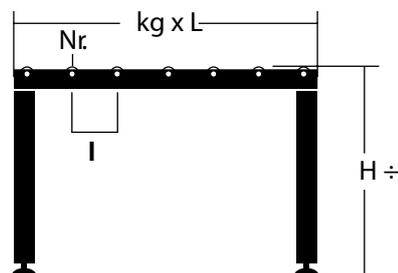
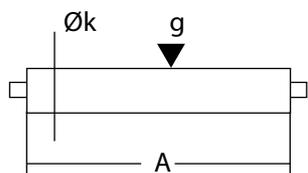
- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.



OPTIONS AT page 24 n° 01 - 04 - 05 -07

L	1508
Ø mm	89
kg	400
A	730
P	940-1070
I	305
Nr. x L	5
kg x L	2000 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	400
A	730
P	940-1070
I	305
Nr. x L	10
kg x L	4000 x 3008
H ÷ H1	760 ÷ 1010



KK 730 MOTORIZED

The KK730 motor-driven roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg.

Wide range of options.

Compatible with the band sawing machine models.

The motor-driven tables can be operated by portable joystick control or by manual control on the console, allowing remote material handling in maximum safety (page 20).

NETWORK • INDUSTRY

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.
- The cutting line is required to be made safe with perimeter guards.



OPTIONS AT page 24 n° 01 - 04 - 05 -06 - 07

L	1508
Ø mm	89
kg	450
A	730
P	940-1070
I	305
Nr. x L	5
kg x L	2250 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	450
A	730
P	940-1070
I	305
Nr. x L	10
kg x L	4500 x 3008
H ÷ H1	760 ÷ 1010

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

KK 930 IDLER

The KK930 idle roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg. Wide range of options. Compatible with the band sawing machine models.

NETWORK • INDUSTRY

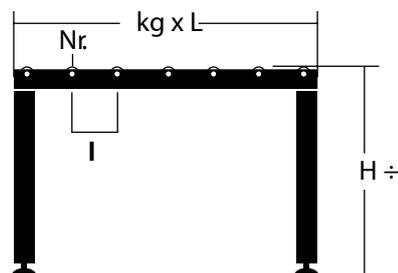
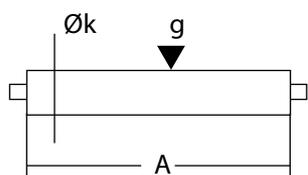
- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.



OPTIONS AT page 24 n° 01 - 04 - 05 -07

L	1508
Ø mm	89
kg	400
A	930
P	1140-1270
I	305
Nr. x L	5
kg x L	2000 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	400
A	930
P	1140-1270
I	305
Nr. x L	10
kg x L	4000 x 3008
H ÷ H1	760 ÷ 1010



KK 930 MOTORIZED

The KK930 motor-driven roller table is available in 1500mm and 3000mm versions and can be installed at the infeed or outfeed of the sawing machine, supporting loads of up to 2000 kg.

Wide range of options. Compatible with the band sawing machine models.

The motor-driven tables can be operated by portable joystick control or by manual control on the console, allowing remote material handling in maximum safety (page 20).

NETWORK • INDUSTRY

- Working in combination with the sawing machine to make the production process smoother.
- The simple but heavy-duty structure allows to handle any kind of section and bundle.
- Customized solutions allowing the installation even in hard environments and for work outdoor.
- Possibility of working and being synchronized with either Mep or other roller conveyors.
- The optional tank for the recovery of the coolant eliminates cutting liquid waste besides helping to keep the work environment clean.
- The optional coverage between rollers allows to handle even small pieces and to prevent crushing/shearing.
- The cutting line is required to be made safe with perimeter guards.



OPTIONS AT page 24 n° 01 - 04 - 05 -06 - 07

L	1508
Ø mm	89
kg	450
A	930
P	1140-1270
I	305
Nr. x L	5
kg x L	2250 x 1508
H ÷ H1	760 ÷ 1010

L	3008
Ø mm	89
kg	450
A	930
P	1140-1270
I	305
Nr. x L	10
kg x L	4500 x 3008
H ÷ H1	760 ÷ 1010

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

Bearings for rollers	Ground sealed bearings - Ø 89 mm
Roller drive transmission	chain 1/2"
Motorized roller conveyor maximum speed	2 m/min
Motorized roller conveyor input voltage	400V / 50Hz - 480V / 60Hz
Motorized roller conveyor motor power	1.1 Kw
VDF	3 Kw
Electrical connection	Plug - socket (extendable)

PORTABLE JOYSTICK CONTROL



Ideal for simple material handling systems with a low level of automation.

Portable joystick control is the perfect solution for those who need remote handling of motorized conveyors both in the infeed and outfeed of the sawing machine.

HIGHLIGHTS

- It allows the control of the roller conveyors both in the infeed and outfeed of the sawing machine.
- It allows handling the material and, at the same time, it keeps the entire cutting line monitored, allowing the operator to move freely without any constraints.
- The free stand control is easy to handle and it is equipped with an anchor bracket to be placed wherever needed.
- Ip66 stainless steel box.
- The 6 meters of heavy-duty metal sheath allow maximum freedom of movement.

FUNCTIONING

- By pushing the enable button and moving the joystick, the motorized roller conveyors are engaged.
- In case of roller conveyors in loading and unloading, by a selector you can activate one or the other (or both).
- The potentiometric joystick allows to adjust the speed of the motorized roller conveyors.
- The emergency button stops the functioning of all the roller conveyors.

FIXED FREE-STANDING CONTROL



Ideal for simple material handling systems with a low level of automation.

The manual free stand control is the ideal solution for those who need to move the motorized pallet system for loading and unloading at the saw.

HIGHLIGHTS

- It allows the control of the roller conveyors both in the infeed and outfeed of the sawing machine.
- It allows the handling of the material and, at the same time, it keeps monitored the entire cutting line.
- Free stand control with push buttons.
- Thanks to its heavy-duty structure, it can be used even in hard production environments.

FUNCTIONING

- By pushing the enable button and moving both the joystick and selector, the elements are engaged.
- A potentiometric joystick allows to adjust the speed of the motorized roller conveyors.
- A joystick allows to lift and handle the cross transfer chain.
- The selector allows to open/close the squaring vice.
- The emergency button stops the functioning of the entire system.

OPTIONS CONVEYORS



OPTION N° 01

Vertical roller



OPTION N° 02

Set of vertical rollers



OPTION N° 03

Two sets of vertical rollers



OPTION N° 04

Heavy-duty vertical roller



OPTION N° 05

Tray coolant recovery



OPTION N° 06

Additional support



OPTION N° 07

Safety filler plates

MEASURING SYSTEMS

Our measuring system line is the ideal solution for those who need to accurately measure the values of the piece to cut.

The range of measuring systems consists of models with manual (R, MB and M) or programmable (S) positioning as well as models with automatic continuous material feeding (A).

Moreover, all measuring systems are equipped for our loading/unloading roller conveyors belonging to the Material Handling System line.

Lastly, they are compatible with unloading from either the right or the left as they can be mounted in a specular fashion.

TIPO R

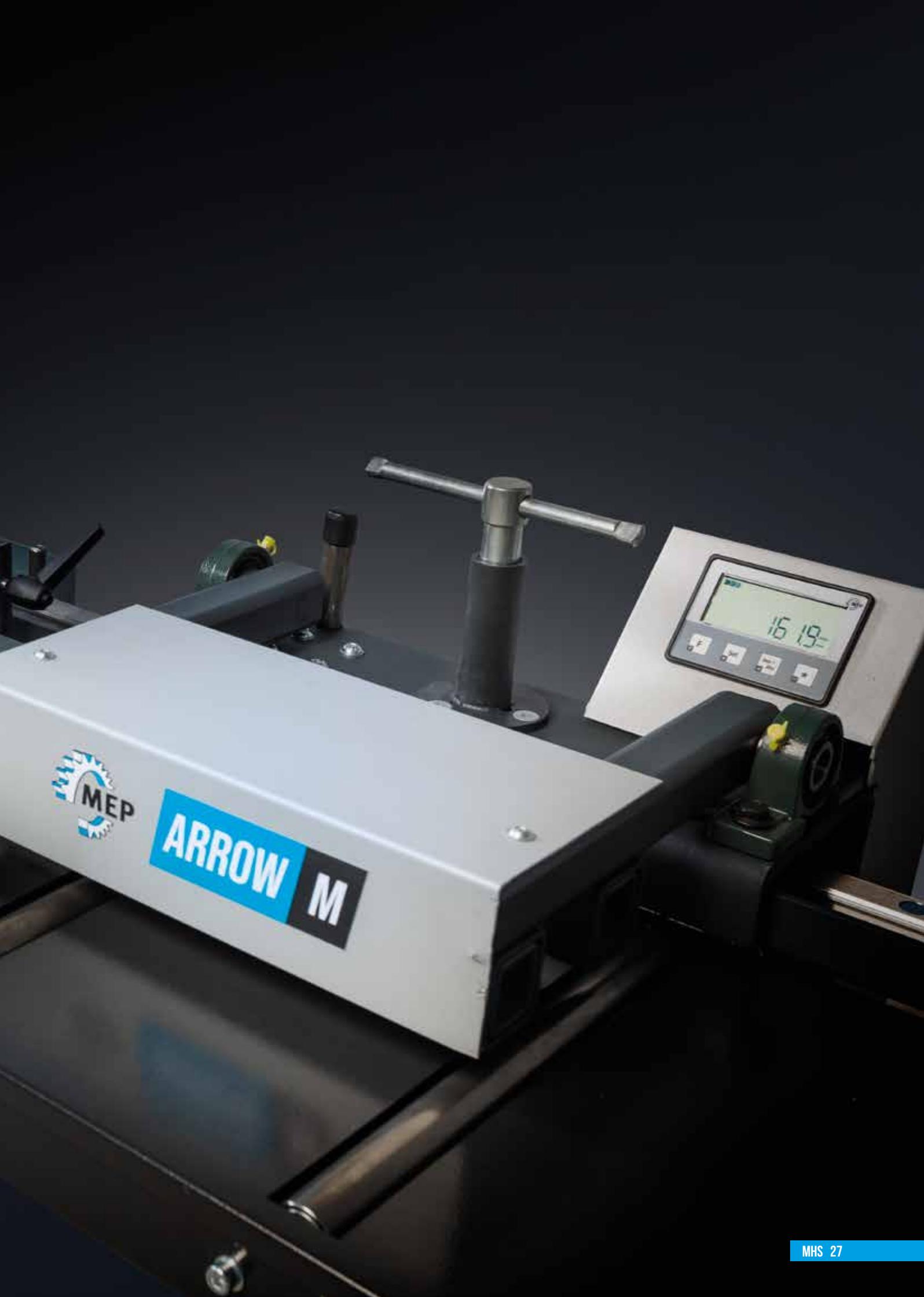
R1-R2-R3-R4 measuring systems allow visualizing the measure of the piece to cut to be displayed on a millimeter scale and they are equipped to be easily mounted on our unloading idler roller conveyors.

ARROW

The ARROW measuring device can be mounted on our idler roller conveyors KK200, KK330, KK330 HD and KK460 and it is ideal for sawing machines with cutting capacity up to 350mm on medium-light materials.

BLAZE

The BLAZE measuring device can be mounted on our idler roller conveyors KK530, KK730 and KK930 and it is ideal for sawing machines with cutting capacity up to 650mm and for cutting heavy materials.



TYPE R

R1-R2-R3-R4 measuring systems allow visualizing the measure of the piece to cut to be displayed on a millimeter scale and they are equipped to be easily mounted on our unloading idler roller conveyors.

R1 FLIP OVER STOP

- It can be mounted on KK 200 and KK 330 outfeed roller conveyors.
- Being a flip over stop, it allows the material to slide along the conveyor.
- It slides on an aluminum linear guide with teflon slides.
- The measuring rod is engraved on an aluminum bar.

R2 FLIP OVER STOP

- It can be mounted on KK 200, KK 330 and KK 460 outfeed roller conveyors.
- Being a flip over stop, it allows the material to slide along the conveyor.
- It slides on an aluminum linear guide with teflon slides.
- The measuring rod is engraved on an aluminum bar.
- Measure visualization enlarged by a magnifying glass.

NETWORK • INDUSTRY • KK200 • KK330



NETWORK • INDUSTRY • KK200 • KK330 • KK460



ACCESSORY

Measuring system extension (1500mm)

1500mm extension to extend the measurable length of the pieces to cut.

FUNCTIONING: manually position the stop device to the desired cutting length and bring the material to the stop device before cutting.

R3 FLIP OVER STOP

- It can be mounted on KK 200, KK 330 and KK 460 outfeed roller conveyors.
- Made of cast-iron and steel.
- Being a flip over stop, it allows the material to slide along the conveyor.
- It slides on a steel linear guide with ball screw slides
- The measuring rod is engraved on an aluminum bar.
- Measure visualization enlarged by a magnifying glass.

NETWORK • INDUSTRY • KK200 • KK330 • KK460



R4 FLIP OVER STOP

- It can be mounted on KK 530, KK 730 and KK 930 outfeed idler roller conveyors.
- Made of steel.
- Thanks to its solid structure it can withstand heavy knocks.
- Being a flip over stop, it allows the material to slide along the conveyor.
- It slides on a steel linear guide with guide rollers.
- The measuring rod is engraved on an aluminum bar.
- Measure visualization enlarged by a magnifying glass.

INDUSTRY • KK530 • KK730 • KK930



ARROW

The ARROW measuring device can be mounted on our idler roller conveyors KK200, KK330, KK330 HD and KK460 and it is ideal for sawing machines with cutting capacity up to 350mm on medium-light materials.

This measuring device is available with manual movement of the stop device and digital visualization of the cutting measure (M model), with automatic single (S model) or multiple (A model) positioning. Moreover, it can be equipped with several accessories.

ARROW MB

A simple measuring system with manual movement and digital measure reading. Ideal when you mainly cut medium-light materials or pipes. It can also be shipped as a kit and assembled by the customer.

ARROW M

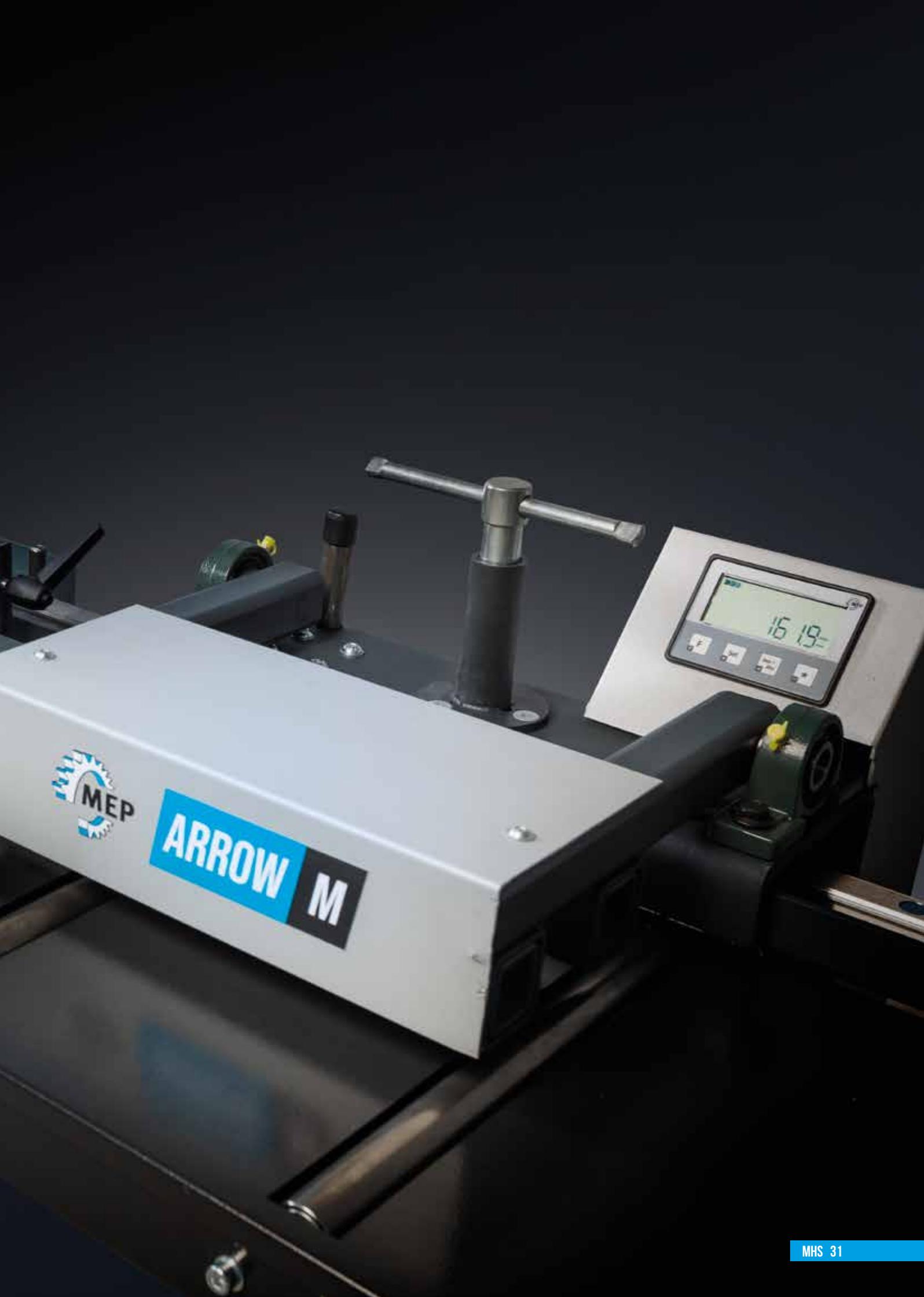
ARROW M is a measuring device with manual movement and is easy to mount on our idler roller conveyors. It features a digital display. It can also be shipped as a kit and assembled by the customer itself; moreover, it is equipped with a wide range of accessories.

ARROW S

ARROW S is a measuring device with automatic single positioning that can be mounted on our idler roller conveyors. Moreover, it can be equipped with several accessories.

ARROW A

Measuring device with automatic multiple positioning that can be mounted on our idler roller conveyors. Mounted on the loading side, this model works as a "pusher" (feeder) and it has a wide range of accessories.



ARROW MB



WATCH THE VIDEO!

NETWORK • KK200 • KK330

ARROW MB is a measuring device with manual movement that is easy to mount on our idler roller conveyors. Available in size 3000mm, it can also be shipped as a kit and assembled by the customer itself.

- It can be mounted on KK 200 and KK 330 outfeed roller conveyors.
- Adapters for idler roller conveyors included.
- The stop is not reversible.

FUNCTIONING: manually position the stop device to the desired cutting length and bring the material to the stop device before cutting.

ACCESSORIES AT page 18 n° 05

SZ.	Available sizes	KK 200, KK 330
	Motion	Pinion and helical rack on 30mm linear guide; 2 ball screw slides
MOTION	Drive system	Manual drive system
	Resolution	0,1
	Positioning precision	-
	Number of photocells	-
ADD. INFO.	First module length	3000 mm
	Extension length	Not modular
	Carriage size	465 mm



The stop device can be installed on either the infeed or the outfeed.



Manual positioning of the measuring stop device with no need of any power supply since powered by 1.5 V type C batteries.



Measurement shown on display. Lever to lock the stop device at the desired length.



Length detection through magnetic band.

ARROW M



WATCH
THE VIDEO!

NETWORK • INDUSTRY • KK330 • KK330HD • KK460

ARROW M is a modular measuring device with manual moving easy to mount on our unloading idler roller conveyors. It can also be shipped as a kit and assembled by the customer itself; moreover, it is equipped with a wide range of accessories.

- It can be mounted on KK 330, KK 330 HD and KK 460 outfeed roller conveyors.
- Adapters for MEP idler roller conveyors included.

FUNCTIONING: manually position the stop device to the desired cutting length and bring the material to the stop device before cutting.

ACCESSORIES AT page 18 n° 01 - 02 - 05

SZ	Available sizes	KK460, KK330 HD and KK330 roller conveyors
	Motion	Pinion and helical rack on 30mm linear guide; 2 ball screw slides
MOTION	Drive system	Manual drive system
	Resolution	0.1 mm
	Positioning precision	-
	Number of photocells	-
ADD. INFO	First module length	2075 mm
	Extension length	1925 mm
	Carriage size	516 mm



Manual flip over measuring stop device sliding on a 30mm linear guide.



Manual positioning of the measuring stop device with no need of any power supply since powered by AA type batteries.



Measurement shown on display. Lever to lock the stop device at the desired length.



Length detection through encoder.

ARROW S



WATCH
THE VIDEO!

NETWORK • INDUSTRY • KK330 • KK330HD • KK460

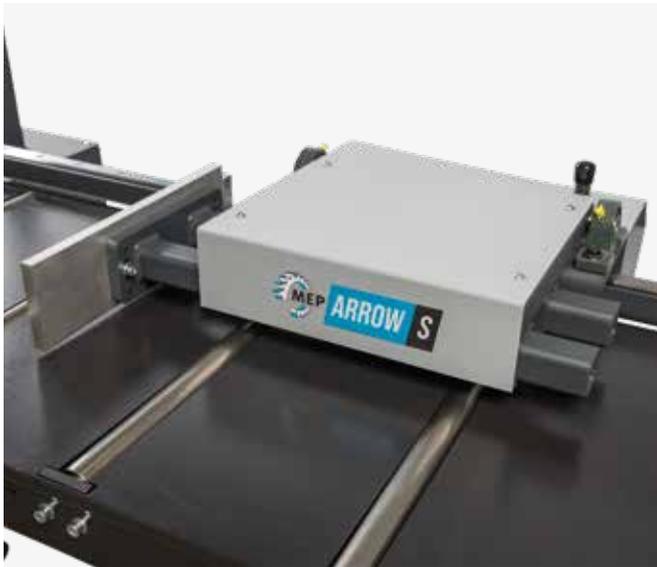
ARROW S is a modular measuring device with an automatic single positioning that can be mounted on our unloading idler roller conveyors. Moreover, it can be equipped with several accessories.

- It can be mounted on KK 330, KK 330 HD and KK 460 outfeed roller conveyors.
- Adapters for MEP idler roller conveyors included.
- Automatic retract at the beginning of the cut and incremental mode.

FUNCTIONING: once set the desired length, the measuring stop device is automatically positioned. The operator brings the material to the stop device before cutting. Only one measure at the time can be executed.

ACCESSORIES AT page 18 n° 03 - 04 - 06 - 07

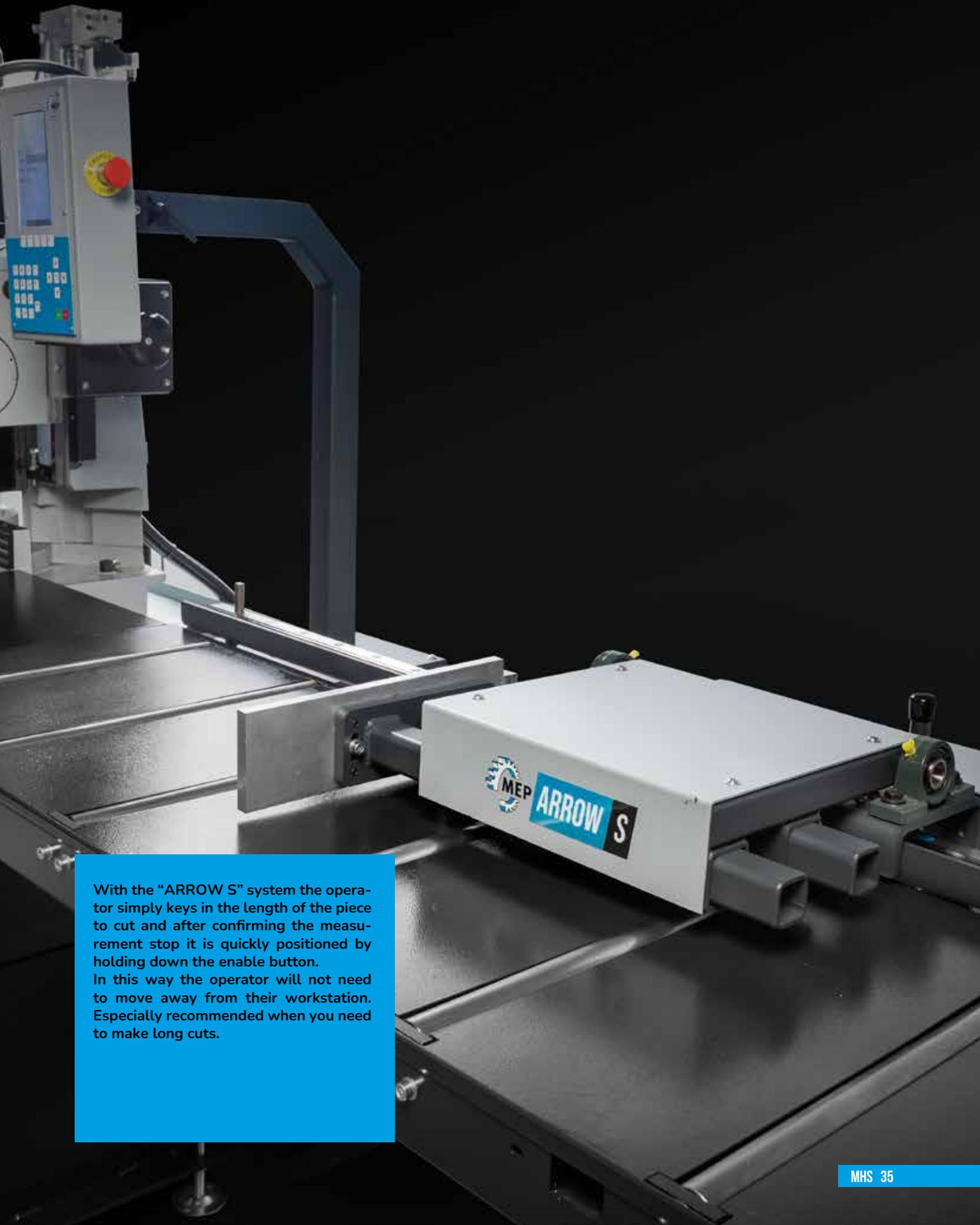
SZ.	Available sizes	KK460, KK330 HD and KK330 roller conveyors
	Motion	Pinion and helical rack on 30mm linear guide; 2 ball screw slides
MOTION	Drive system	Brushless motor with drive system
	Speed range	0-15 m/min
	Positioning precision	± 0.1 mm/m
	Number of photocells	2 (when required)
MOTOR	Motor type	Brushless
	Size/Shape	Ø 80
	Motor drive transmission	Reducer 1:15
	Motor voltage	V.220
	Motor absorption	4.00 A
	Motor power	1 Kw
ADD. INFO.	First module length	2075 mm
	Extension length	1925 mm / 962 mm
	Max reachable length	9 m
	Carriage size	520 mm



Manual flip over motorized measuring stop device assembled on 30mm linear guide and 3.3Nm servo motor.



Turning control panel with 7" display mounted on a free-standing base and equipped with piece counter.



With the “ARROW S” system the operator simply keys in the length of the piece to cut and after confirming the measurement stop it is quickly positioned by holding down the enable button. In this way the operator will not need to move away from their workstation. Especially recommended when you need to make long cuts.

ARROW A

NETWORK • KK330 • KK330 HD • KK460

ARROW A is a measuring device with automatic multiple positioning that can be mounted on our idler roller conveyors. Mounted on the loading side, this model works as a “pusher” (feeder) and it is equipped with a wide range of accessories.

- It can be mounted on KK 330, KK 330 HD and KK 460 infeed roller conveyors.
- Adapters for MEP idler roller conveyors included.
- Safety barriers surrounding the equipment are required: contact the manufacturer for an offer.
- Automatic retract at the beginning of the cut and incremental mode.



Manual flip over motorized measuring system assembled on 30mm linear guide and 3.3Nm servo motor.

FUNCTIONING: the operator can set multiple cutting lengths to execute in sequence and position the material (we recommend the use of the optional manual or pneumatic vice for clamping it); the system will feed the material in a progressive manner to every impulse of the customer.

OPTIONS AT page 18
n° 03 - 04 - 06 - 07 - 08 - 09 - 10

SZ.	Available sizes	KK460, KK330 HD and KK330 roller conveyors
	Motion	Pinion and helical rack on 30mm linear guide; 2 ball screw slides
MOTION	Drive system	Brushless motor with drive system
	Speed range	0-15 m/min
	Positioning precision	± 0.1 mm/m
	Number of photocells	2 (when required)
	Motor type	Brushless
MOTOR	Size/Shape	Ø 80
	Motor drive transmission	Reducer 1:15
	Motor voltage	V.220
	Motor absorption	4.00 A
ADD. INFO.	Motor power	1 Kw
	First module length	2075 mm
	Extension length	1925 mm / 962 mm
	Max reachable length	9 m
	Carriage size	520 mm



Turning control panel with 7" display mounted on a free-standing base and equipped with piece counter, blade kerf compensation and device for remote programming via ethernet cable.



The measuring device works as a «pusher» (feeder) since it goes back to the end of the carriage and then feeds the set length in a progressive manner.

For greater accuracy the assembly of the optional manual or pneumatic vice is strongly recommended in order to clamp the material thus preventing it from sliding while feeding.

ARROW OPTIONS



OPTION 1

Measuring system extension (1m)
1000mm extension to extend the measurable length of the pieces to cut.



OPTION 2

Measuring system extension (2m)
2000mm extension to extend the measurable length of the pieces to cut.



OPTION 3

Measuring system extension (1m)
1000mm extension to extend the measurable length of the pieces to cut.



OPTION 4

Measuring system extension (2m)
2000mm extension to extend the measurable length of the pieces to cut.



OPTION 5

Measuring stop device extension
1000mm stop device extension to allow the measurement of shorter pieces too.



OPTION 6

Measuring stop device extension
1000mm stop device extension to allow the measurement of shorter pieces too.

ARROW MB

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ARROW M

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ARROW S

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ARROW A

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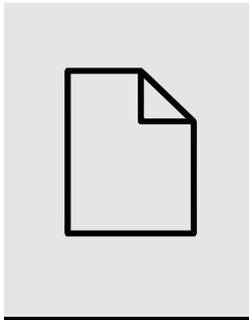
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OPTION 7

Barcode scanner

Scanner allowing to load the cutting length into the measuring system by scanning the barcode.



OPTION 8

Software for CSV files

Software allowing to load the list of the cutting lengths to execute.



OPTION 9

Manual vice

Manual vice with 500mm max opening to clamp the piece to feed.



OPTION 10

Pneumatic vice

Pneumatic vice with 500mm max opening to clamp the piece to feed.

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BLAZE

Measuring device BLAZE can be mounted on our idler roller conveyors KK530, KK730 and KK930 and it is ideal for sawing machines with cutting capacity up to 650mm on heavy materials.

This measuring device is available with an automatic single (S model) or multiple (A model) positioning.

Moreover, it can be equipped with several accessories. Due to its weight and size, the device cannot be flipped over by hand but only through an electronic device.

BLAZE S

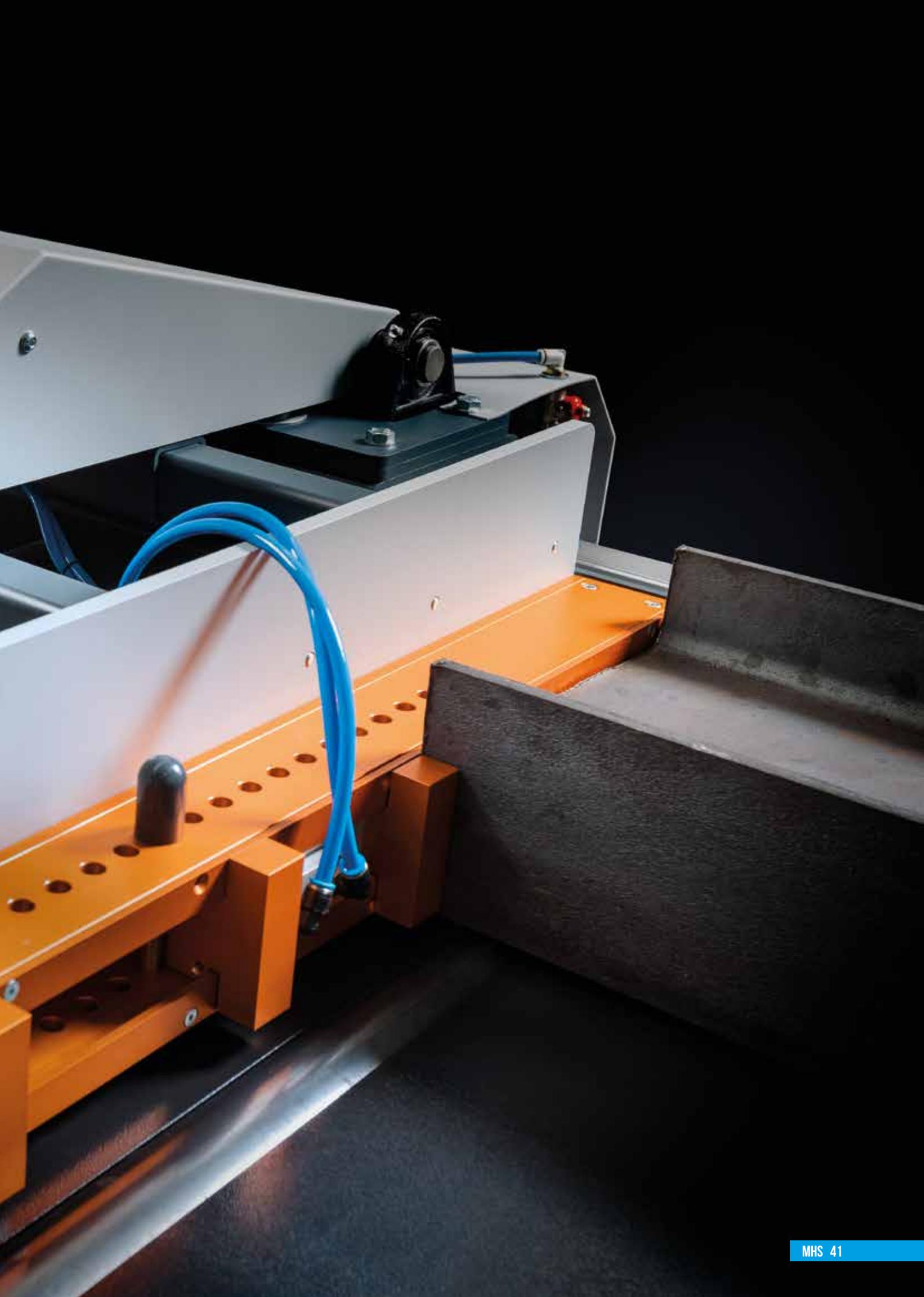
BLAZE S is a measuring device with an automatic single positioning and a heavy-duty structure suitable for those cutting beams or other large materials.

It can be mounted on our unloading idler roller conveyors and equipped with several accessories.

BLAZE A

BLAZE A is a measuring device with automatic multiple positioning and a heavy-duty structure suitable for those cutting beams or other large materials. It can be mounted on our loading idler roller conveyors thus working as a "pusher" (feeder). Moreover, it is equipped with a wide range of accessories.





BLAZE S

INDUSTRY • KK530 • KK730 • KK930

BLAZE S is a modular measuring device with an automatic single positioning and a heavy-duty structure suitable for those cutting beams or other large materials. It can be mounted on our unloading idler roller conveyors and equipped with several accessories.

- It can be mounted on KK 530, KK 730 and KK 930 outfeed idler roller conveyors.
- Adapters for MEP idler roller conveyors included.
- Automatic retract at the beginning of the cut and incremental mode.

FUNCTIONING: once set the desired length, the measuring stop device is automatically positioned. The operator brings the material to the stop device before cutting. Only one measure at the time can be executed.

OPTIONS AT page 26 n° 07 - 12 - 13 - 15

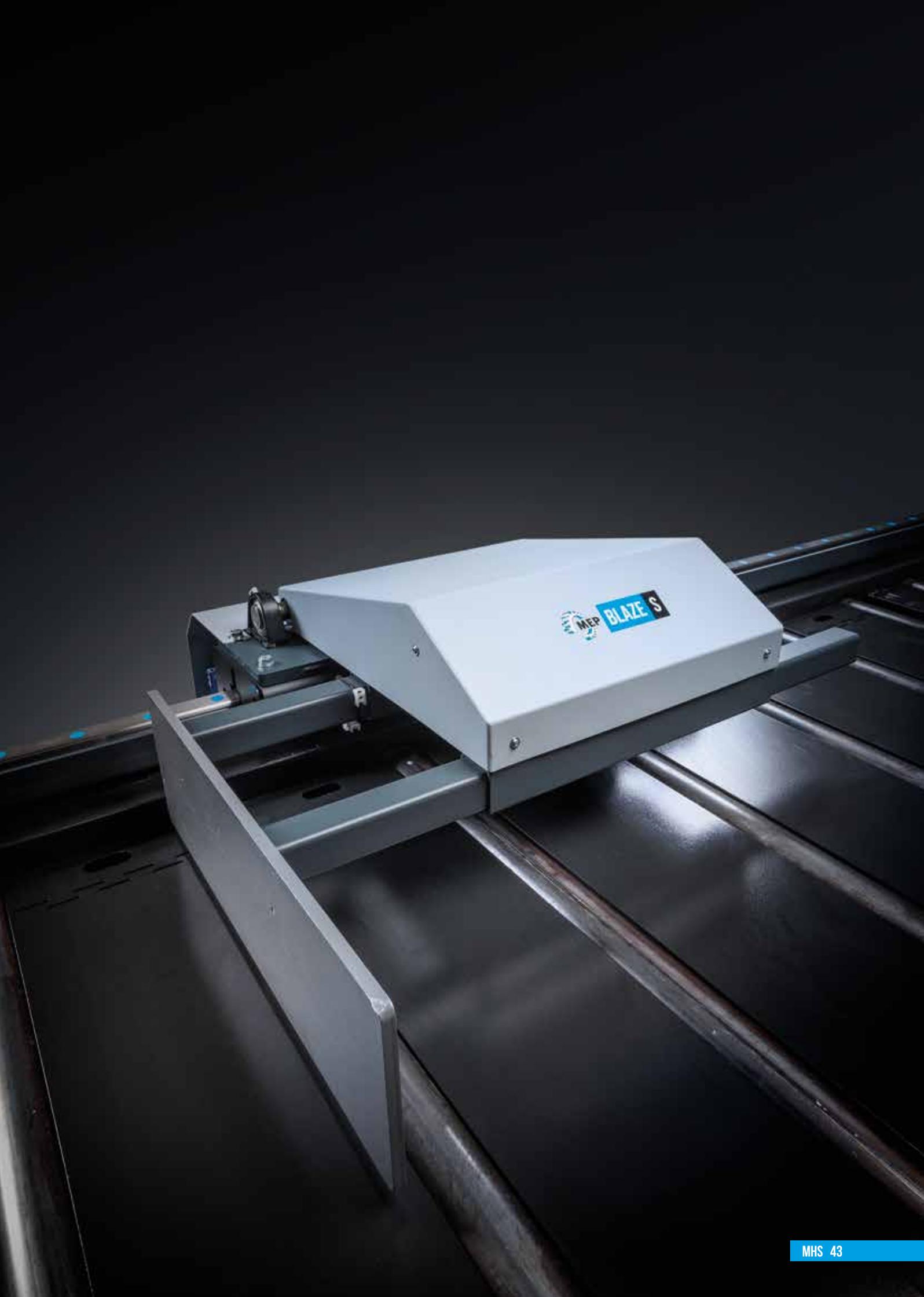
SZ.	Available sizes	KK530, KK730 e KK930
MOTION	Motion	Pinion and helical rack on 45mm linear guide; 2 ball screw slides
	Drive system	Brushless motor with drive system
	Speed range	0-15 m/min
	Positioning precision	± 0,1 mm/m
MOTOR	Motor type	Brushless
	Size/Shape	Ø 110
	Motor drive transmission	Reducer 1:15
	Motor voltage	V.220
	Motor absorption	6,50 A
	Motor power	1,5 Kw
ADD. INFO.	First module length	2075 mm
	Extension length	1890 mm
	Carriage size	846 mm



Motorized measuring stop device assembled on 45mm linear guide and 4.7Nm servo motor.



Main control with 7" display placed alongside that of the sawing machine and equipped with piece counter.



BLAZE A



WATCH
THE VIDEO!

INDUSTRY • KK530 • KK730 • KK930

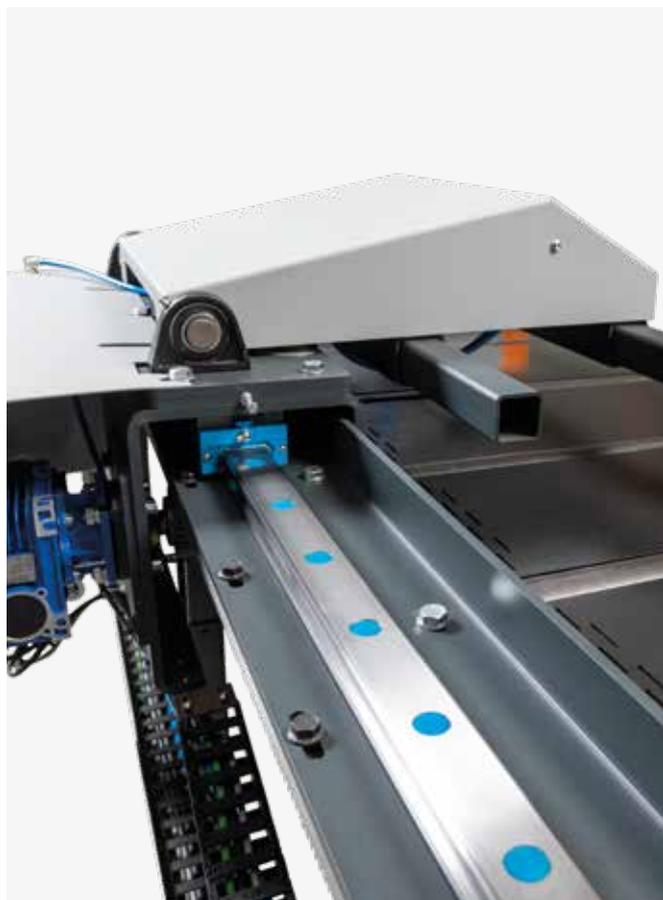
BLAZE A is a modular measuring device with automatic multiple positioning and a heavy-duty structure suitable for those cutting beams or other large materials. It can be mounted on our loading idler roller conveyors thus working as a “pusher” (feeder). Moreover, it is equipped with a wide range of accessories.

- It can be mounted on KK 530, KK 730 and KK 930 infeed idler roller conveyors.
- Adapters for MEP idler roller conveyors included.
- Safety barriers surrounding the equipment are required: contact the manufacturer for an offer.
- Automatic retract at the beginning of the cut and incremental mode.

FUNCTIONING: the operator can set multiple cutting lengths to execute in sequence and position the material (we recommend the use of the optional manual or pneumatic vice for clamping it); the system will feed the material in a progressive manner to every impulse of the customer.

OPTIONS AT page 26
n° 07 - 08 - 09 - 10 - 12 - 13 - 14

SZ	Available sizes	KK530, KK730 e KK930
MOTION	Motion	Pinion and helical rack on 45mm linear guide; 2 ball screw slides
	Drive system	Brushless motor with drive system
	Speed range	0-15 m/min
	Positioning precision	± 0,1 mm/m
POSITIONING MOTOR ADD. INFO.	Motor type	Brushless
	Size/Shape	Ø 110
	Motor drive transmission	Reducer 1:15
	Motor voltage	V.220
	Motor absorption	6,50 A
	Motor power	1,5 Kw
	First module length	2075 mm
Extension length	1890 mm	
Carriage size	846 mm	



Motorized measuring device assembled on a 45mm linear guide and 4.7Nm servo motor.



Main control with 7" display placed alongside that of the sawing machine and equipped with piece counter, blade kerf compensation and device for remote programming via ethernet cable.

The measuring device works as a «pusher» (feeder) since it goes back to the end of the carriage and then feeds the set length in a progressive manner (unloading of the cut material can be done on the right or left hand side of the sawing machine).

For greater accuracy the assembly of the optional manual or pneumatic vice is strongly recommended in order to clamp the material thus preventing it from sliding while feeding.



BLAZE OPTIONS



Measuring system extension (1m)
1000mm extension to extend the measurable length of the pieces to cut.



Measuring system extension (2m)
2000mm extension to extend the measurable length of the pieces to cut.



Measuring stop device extension
1000mm stop device extension to allow the measurement of shorter pieces too.



Barcode scanner
Scanner allowing to load the cutting length into the measuring system by scanning the barcode.

BLAZE S	•	•	•	•
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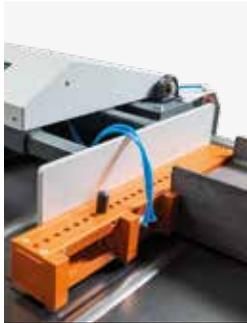
BLAZE A	•	•		•
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OPTION 8

Manual vice

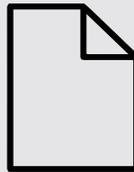
Manual vice with 500mm max opening to clamp the piece to feed.



OPTION 9

Pneumatic vice

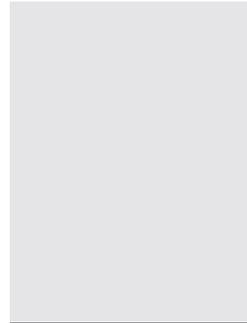
Pneumatic vice with 500mm max opening to clamp the piece to feed.



OPTION 10

Software for CSV files

Software allowing to load the list of the cutting lengths to execute.



OPTION 14

Electric flip over system

Electric flip over system through button available in the main control.



MATERIAL ALIGNMENT AND CONTAINMENT SYSTEMS

The movable vertical rollers and squaring vices are ideal for containing and aligning material in bundles or with a circular cross-section. Both are available in 3 different sizes and they can be installed either in the infeed or outfeed of the sawing machine.

HYDRAULIC SQUARING VICE

Available in three sizes depending on roller width: 530-730-930mm. Can be customised according to customer requirements.

ADJUSTABLE VERTICAL ROLLER

Available in three sizes: 530-730-930mm.



HYDRAULIC SQUARING VICE

NETWORK • INDUSTRY

When long, large single bars or bundles have to be cut, it is particularly difficult to align them in relation to the sawing machine, which is essential for precise cuts. For this reason, hydraulic pushers can be placed along the roller conveyors used for material handling.

- Ideal to contain and align the material in bundles or round sections to the saw datum line.
- Powered by means of a hydraulic cylinder operated by the main control.
- The geometry of the rollers is customizable in order to solve whatever need linked to the handling of any type of shape (e.g. hexagonal bundles).
- Each module is powered by its own hydraulic power unit to grant the non-stop of the complete system in case of failure of any of them.
- Each roller conveyor section is equipped with an emergency STOP for safety, which is easily accessible by the operator. Another one is available on the main control.



	530	730	930
Installation mode	Between roller conveyors or by removing the movable part of the roller conveyor	Between roller conveyors or by removing the movable part of the roller conveyor	Between roller conveyors or by removing the movable part of the roller conveyor
Squaring vice width	1880 mm	2280 mm	2650 mm
Squaring vice length	320 mm	320 mm	320 mm
Number of legs	2	2	2
Leg cutting line	767-1077 mm	767-1077 mm	767-1077 mm
Squaring vice weight	770 kg	805 Kg	860 Kg
Number of rollers	4	4	4
Roller length	530 mm	730 mm	930 mm
Roller position	vertical	vertical	vertical
Adjustable	2 fixed and 2 movable	2 fixed and 2 movable	2 fixed and 2 movable
Adjustable rollers stroke	20-530 mm	20-730 mm	20-930 mm
Adjustable rollers drive system	Hydraulic unit	Hydraulic unit	Hydraulic unit
Adjustable rollers closing/opening speed	1-2 m/min, adjustable through flow regulator	1-2 m/min, adjustable through flow regulator	1-2 m/min, adjustable through flow regulator
Bearings for rollers	2 mm ground sealed bearings - Ø 65 mm solid section	2 mm ground sealed bearings - Ø 65 mm solid section	2 mm ground sealed bearings - Ø 65 mm solid section
Squaring vice input voltage	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz	400V / 50Hz - 480V / 60Hz
Squaring vice motor power	0.75 Kw	0.75 Kw	0.75 Kw
VDF	Not available, direct start motor	Not available, direct start motor	Not available, direct start motor
Electrical connection	Star electrical connection through power contactor	Star electrical connection through power contactor	Star electrical connection through power contactor

ADJUSTABLE VERTICAL ROLLER

NETWORK • INDUSTRY

Using vertical rollers is often a compulsory choice in order to have an efficient and safe cutting line. The movable vertical roller allows easy adjustment to the size of the material to be handled.

- Ideal to contain and align the material in bundles or round sections to the saw datum line.
- They both allow the alignment of the material to cut/ already cut by means of the fixed jaws of the sawing machine and prevent the overturning of the pieces placed on the conveyors.
- In terms of height, they cover all the capacity of the roller conveyor to which they are combined: height of the vertical roller is 530-730-930mm.
- They guarantee greater resistance of the roller in case of impact during the material handling.
- Manual material handling by means of a handwheel.
- The geometry of the rollers is customizable in order to solve whatever need linked to the handling of any type of shape (e.g. hexagonal bundles).



	530	730	930
Roller length	530 mm	730 mm	930 mm
Roller weight	120 Kg	137 Kg	157 Kg
Metal sheet body - thickness	8 mm	8 mm	8 mm
Number of rollers	2, 1 fixed e 1 movable	2, 1 fixed e 1 movable	2, 1 fixed e 1 movable
Adjustable roller stroke	on linear guide	on linear guide	on linear guide
Adjustable rollers drive system	Handwheel, ball and trapezoidal screw	Handwheel, ball and trapezoidal screw	Handwheel, ball and trapezoidal screw
Roller position	Vertical	Vertical	Vertical
Adjustable (in order to be aligned with the fixed vice of the sawing machine)	Yes	Yes	Yes
Roller diameter	Ø 65 mm, solid section	Ø 65 mm, solid section	Ø 65 mm, solid section
Bearings for rollers	2 ground sealed bearings	2 ground sealed bearings	2 ground sealed bearings
Retrofitable	Yes, at the top or at the end of the roller conveyor	Yes, at the top or at the end of the roller conveyor	Yes, at the top or at the end of the roller conveyor
Number of legs	2	2	2
Leg cutting line	760-1010 mm	760-1010 mm	760-1010 mm
Leg anchoring	Yes, ground anchoring	Yes, ground anchoring	Yes, ground anchoring

SYSTEMS FOR STORING CUT MATERIAL AND MATERIAL TO BE CUT

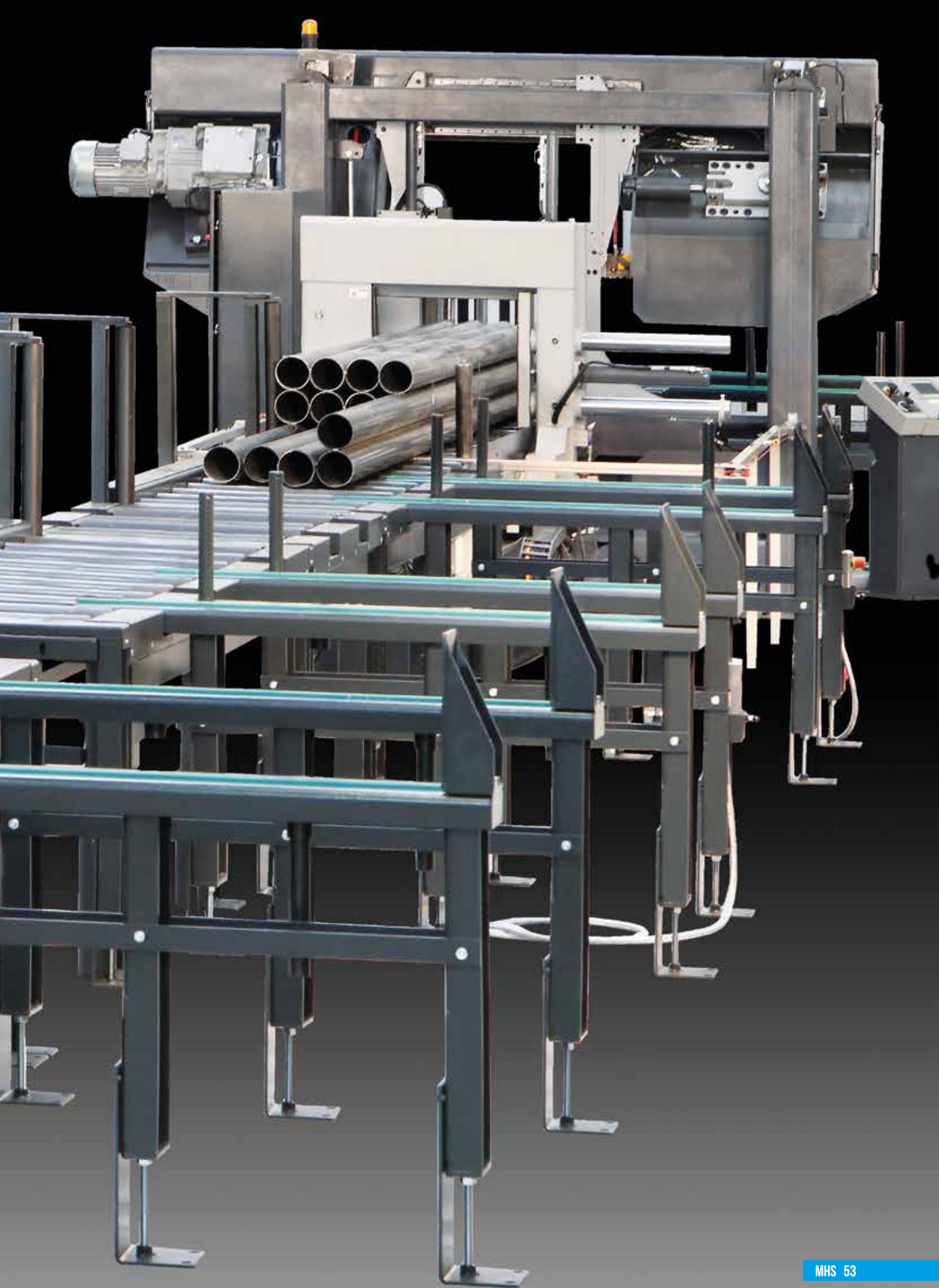
The foundation of an efficient and organised workshop is the organisation and storage of the material to be cut and already cut material.

STAGING SKIDS

For the simple stocking of cut material and material to be cut. Can be customised according to customer requirements.

TRANSFER UNIT

This constitutes a motorized material store that, if inserted onto a cutting line, can work interlocked with the sawing machine to allow it to work completely independently.



STAGING SKIDS

NETWORK • INDUSTRY

The staging skids, ideal for storing the material to be cut or already cut, can be installed either in the infeed or outfeed of the sawing machine.

- Available in 3 length variations - 1500mm, 1200mm, 2000mm.
- Equipped with retractable restraint pins, they allow to safely stock any kind of section.
- Customizable lengths and position of the pins.
- Recommended for medium-low levels of automation and/or for jobs requiring intervention of the operator.
- Customizable length (standard measure of 1500mm).



	STAGING SKID 1200x150mm	STAGING SKID 1500x150mm	STAGING SKID 2000x150mm
Installation mode	Fork lift cut outs	Fork lift cut outs	Fork lift cut outs
Staging skid width	270 mm	270 mm	270 mm
Staging skid length	1400 mm	1600 mm	2350 mm
Staging skid useful length	1250 mm	1500 mm	2200 mm
Staging skid weight	125 Kg	135 Kg	180 Kg
Maximum load for staging skid	3000 Kg	3000 Kg	4000 Kg
Number of pins	3, retractable	3, retractable	3, retractable
Pin position	Vertical, removable	Vertical, removable	Vertical, removable
Spacing between rollers	170 mm	300 mm	275 mm
Number of legs	3	3	4
Leg cutting line	760-1040 mm	760-1040 mm	760-1040 mm
Ground anchoring	Yes	Yes	Yes
Retrofitable	Yes	Yes	Yes

TRANSFER UNIT

NETWORK • INDUSTRY

Our transfer units are designed to optimise sawing operations, ensuring efficiency, precision and adaptability. Each transfer unit responds to specific customer requirements, taking into account factors such as:

- Size, weight and type of material to be handled
- Layout and characteristics of the workspace
- Specific ambient conditions
- Type of sawing machine and loading/unloading required
- Automation and integration with existing systems
- Special safety requirements



Thanks to our experience and continuous collaboration with customers, we create custom-made solutions that seamlessly integrate into existing production systems and precisely meet all your needs, optimising handling processes, improving productivity and ensuring reliability over time WITH THE UTMOST SAFETY FOR WORKERS.

BAR LOADER

CB 6001

The bar loader allows you to cut in sequence all the bars which are positioned onto the chute of the loading magazine and consequently the machine can work, even for a long time, without the presence of the operator.

CB 6001
MEP SPA ITALY



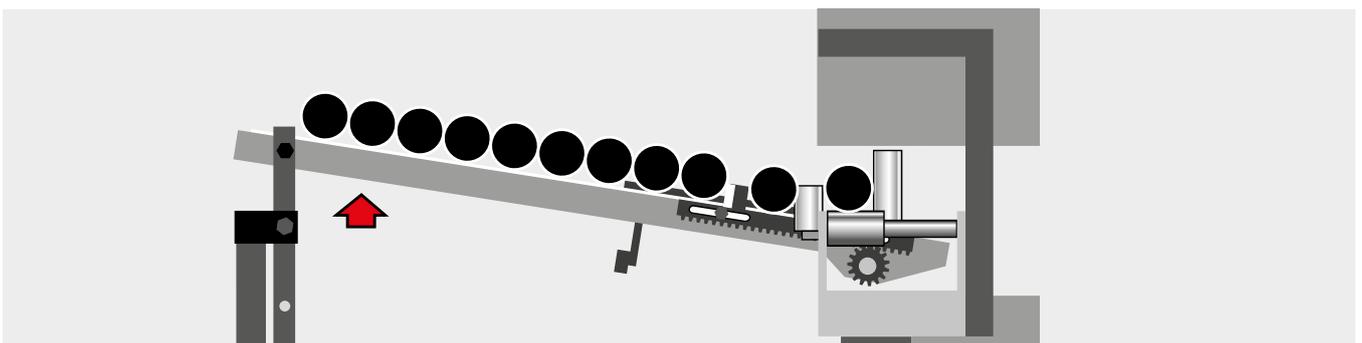
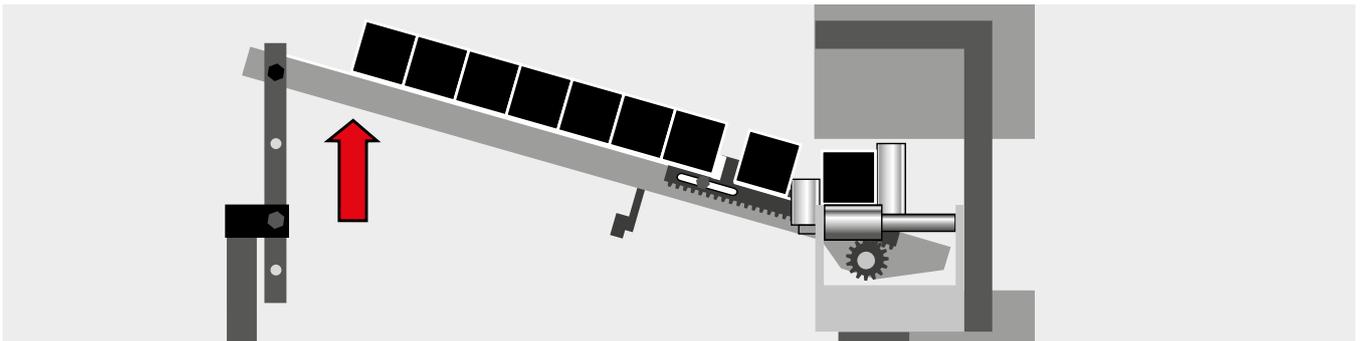


CB 6001

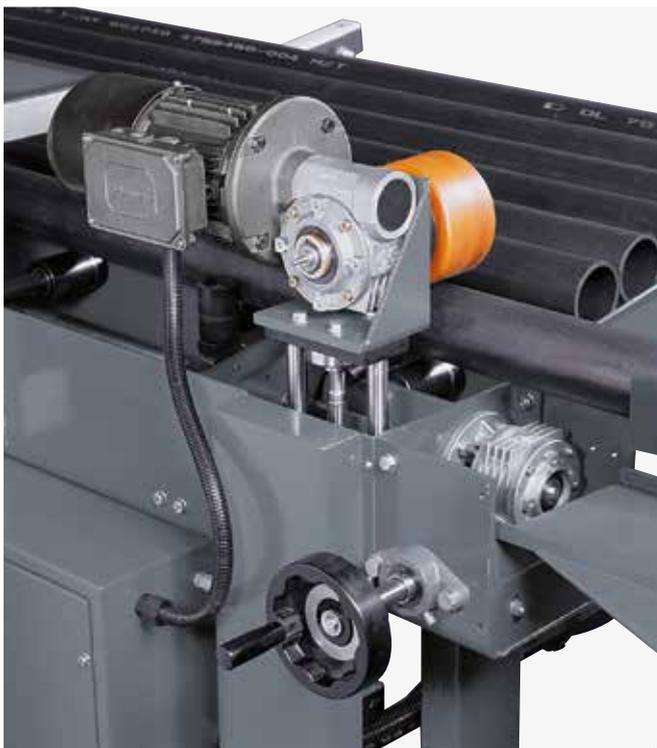
INDUSTRY

The bar loader allows you to cut in sequence all the bars which are positioned onto the chute of the loading magazine and consequently the machine can work, even for a long time, without the presence of the operator.

- The CB 6001 has a 80-cm bed where the inclination can be regulated. It can be loaded till it is full with round, square and rectangular solids or sections up to the maximum dimensions indicated in the feature table.
- When a restpiece which cannot be cut remains in the machine, the loading magazine sends forward a new bar pushing out the restpiece. The new bar is positioned for the face cut which isn't counted on the cuts made.
- The CB 6001 has a sturdy tubular steel structure which is partially demountable for ease in transport.
- The transmission mechanisms (gears and racks), as well as the system to feed in bars individually, are made out of steel.
- The CB 6001 can be ordered together with the sawing machine or afterwards, on condition that the machine has been ordered together with the accessory "equipped to mount CB 6001 w/vice to reduce restpiece".
- The CB 6001 requires a 6 BAR air supply and the motor is powered by the controller of the sawing machine itself.
- Cutting materials which have a certain wall thickness generate also a lot of chips; for this reason, we recommend to equip the sawing machine with a motorized chip evacuator.
- Since this unit has a maximum load of 2400 kg (8 bars of round solid with a diameter of 80 mm) we recommend to fix it to the floor so as to avoid even minimum unalignments.



			 2÷5 mm							
bar	mm	kg	kW	mm	mm	mm	mm	mm	mm	kg
6	6000	2400	0,37	20÷100	20÷100	130x10÷100	20÷80	20÷80	130x10÷35	850



CONVEYORS FOR SAWING MACHINES

	ADAPTERS		KK IDLER ROLLER CONVEYORS							KK MOTORIZED ROLLER CONVEYORS			BAR LOADER CB 6001		
	LOADING	UNLOADING	KK200	KK330	KK330 HD	KK 460	KK 530	KK 730	KK 930	CONTROL A		CONTROL B			
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		•	•												

	ADAPTERS		KK IDLER ROLLER CONVEYORS							KK MOTORIZED ROLLER CONVEYORS						BAR LOADER	
	LOADING	UNLOADING	KK200	KK330	KK330 HD	KK 460	KK 530	KK 730	KK 930	CONTROL A			CONTROL B			CB 6001	
										KK 530	KK730	KK 930	KK 530	KK730	KK930		
SHARK 332 RC KONNECT				•	•												•
SHARK 350 NC HS 5.0		•								•			•				
SHARK 350 CNC HS 4.0										•			•				
SHARK 460 KONNECT	•										•			•			
SHARK 660 CNC HS 4.0											•			•			
SHARK 512 SXI EVO	•	•								•			•				
SHARK 652 SXI H 5.0	•	•									•			•			
TIGER 372 CNC LR 4.0		•															•
TIGER 372 CNC LR 4.0 RC		•															•
TIGER 402 CNC HR 4.0		•															•
TIGER 402 CNC HR 4.0 RC		•															•
THOR 450										•			•				
THOR 560										•	•		•	•			
THOR 660											•			•			
THOR 860												•				•	
THOR 1020												•				•	

OPTIONS MOTORIZED CONVEYORS

		VERTICAL ROLLER	SET OF VERTICAL ROLLERS	TWO SETS OF VERTICAL ROLLERS	HEAVY-DUTY VERTICAL ROLLER	TRAY COOLANT RECOVERY	ADDITIONAL SUPPORT	SAFETY FILLER PLATES
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		•			•	•	•	•

OPTIONS IDLER CONVEYORS

		VERTICAL ROLLER	SET OF VERTICAL ROLLERS	TWO SETS OF VERTICAL ROLLERS	HEAVY-DUTY VERTICAL ROLLER	TRAY COOLANT RECOVERY	ADDITIONAL SUPPORT	SAFETY FILLER PLATES
KK IDLER ROLLER CONVEYORS								
KK 200							•	
KK 330			•	•			•	
KK330HD			•					
KK 460			•	•			•	
KK 530		•			•	•		•
KK 730		•			•	•		•
KK 930		•			•	•		•

COMPATIBILITY KK MOTORIZED ROLLER CONVEYORS - MHS PRODUCTS

		ADJUSTABLE VERTICAL ROLLER	HYDRAULIC SQUARING VICE	STAGING SKIDS	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER
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		•	•		•	•

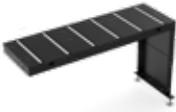
COMPATIBILITY KK IDLER ROLLER CONVEYORS- MHS PRODUCTS

		ADJUSTABLE VERTICAL ROLLER	HYDRAULIC SQUARING VICE	STAGING SKIDS	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER
KK IDLER ROLLER CONVEYORS						
KK 200						
KK 330						
KK330HD						
KK 460						
KK 530		•	•	•	•	•
KK 730		•	•	•	•	•
KK 930		•	•	•	•	•

• it requires a control

COMPATIBILITY MEASURING SYSTEMS

- KK IDLER ROLLER CONVEYORS

		R1	R2	R3	R4	ARROW A	ARROW S	ARROW M	ARROW MB	BLAZE A	BLAZE S
KK IDLER ROLLER CONVEYORS*											
KK 200		•	•	•					•		
KK 330		•	•	•		•	•	•	•		
KK330HD						•	•	•			
KK 460			•	•		•	•	•			
KK 530					•					•	•
KK 730					•					•	•
KK 930					•					•	•

*The management of measurement systems with motorized platforms will be treated as a special execution.

COMPATIBILITY MEASURING SYSTEMS - OPTIONS CONVEYORS AND MHS PRODUCTS

	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	ADAPTER TABLE	MOTORIZED ADAPTER TABLE	CHAIN CROSS TRANSFER	TRUCK & TROLLEY CROSS TRANSFER	CONTROL A	CONTROL B	BAR LOADER
R1							•	•	•		•	•					
R2							•	•	•								
R3							•	•	•								
R4							•	•	•	•							
ARROW A								•									
ARROW S								•									
ARROW M								•									
ARROW MB								•									
BLAZE A							•	•	•	•							
BLAZE S							•	•	•	•							



THOR 860

⚠️ ⚠️ ⚠️ ⚠️ ⚠️ ⚠️

⚠️ ⚠️ ⚠️

⚠️

A large, dark grey industrial metal cutting machine is the central focus of the image. It has a complex structure with various panels, pipes, and mechanical components. The machine is situated in a factory environment with concrete floors and other industrial equipment visible in the background. A semi-transparent blue overlay covers the right side of the image, containing text.

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 competition 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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