

-MEBA-
sawing solutions.



MEBamat
Power. Persistence. Precision.

Modern touchscreen panel, job library, saw band library, Option: material database, teleservice, zero positioning, NC-Server

Process reliability: monitoring of minimum speed, band breakage, cutting pressure and feed speed

Big swivel door at the front side allows easy access for cleaning and saw blade changeover

Safe observation of sawing process

High power intake with modern ball screw technique

Big Coolant tank (160 L). Roller rails, inspection glass and built in sieve

Minimum length of remaining piece by innovative vice system

Carbide compatible Power-Package: sawing of solid material, tubes, and profiles. Maximum, reliable productivity for continuous runs in single- and multi-shift operation

Covered roller table is not connected with the machine base and is free of chip and dirt

Compact and practical design:

- Fully enclosed high performance bandsawing machine for safe, clean and quiet operation
- Space saving, easy to access during machine commissioning, saw blade change (large doors) and maintenance activities (inspection openings)
- Carbide compatible Power-Package: sawing of solid material, tubes and profiles. Trouble free cutting of hardened material while saving blade life
- Maximum, reliable productivity for continuous runs in single- and multi-shift operation
- Minimum length of remaining piece by innovative vice system

Dynamics and power:

- saw feed and material feed by ball lead screw with servo-motor for accurate cuts, without compromises

Precision and reliability:

- Use of latest linear ball guideways to provide solid smooth running hydraulic material clamping with full stroke cylinder
- Hydraulic and constant saw blade tension
- Lateral saw blade carbide-roller guidance, preloaded hydraulically
- Minimum speed- and saw blade control on the band-wheel
- Latest vice system for an accurate material transportation
- Operating hour counter for total time, saw time and order time
- Automatic adjustment of moveable saw blade guidance to material width
- Driven saw blade cleaning brush, synchronized with the saw blade



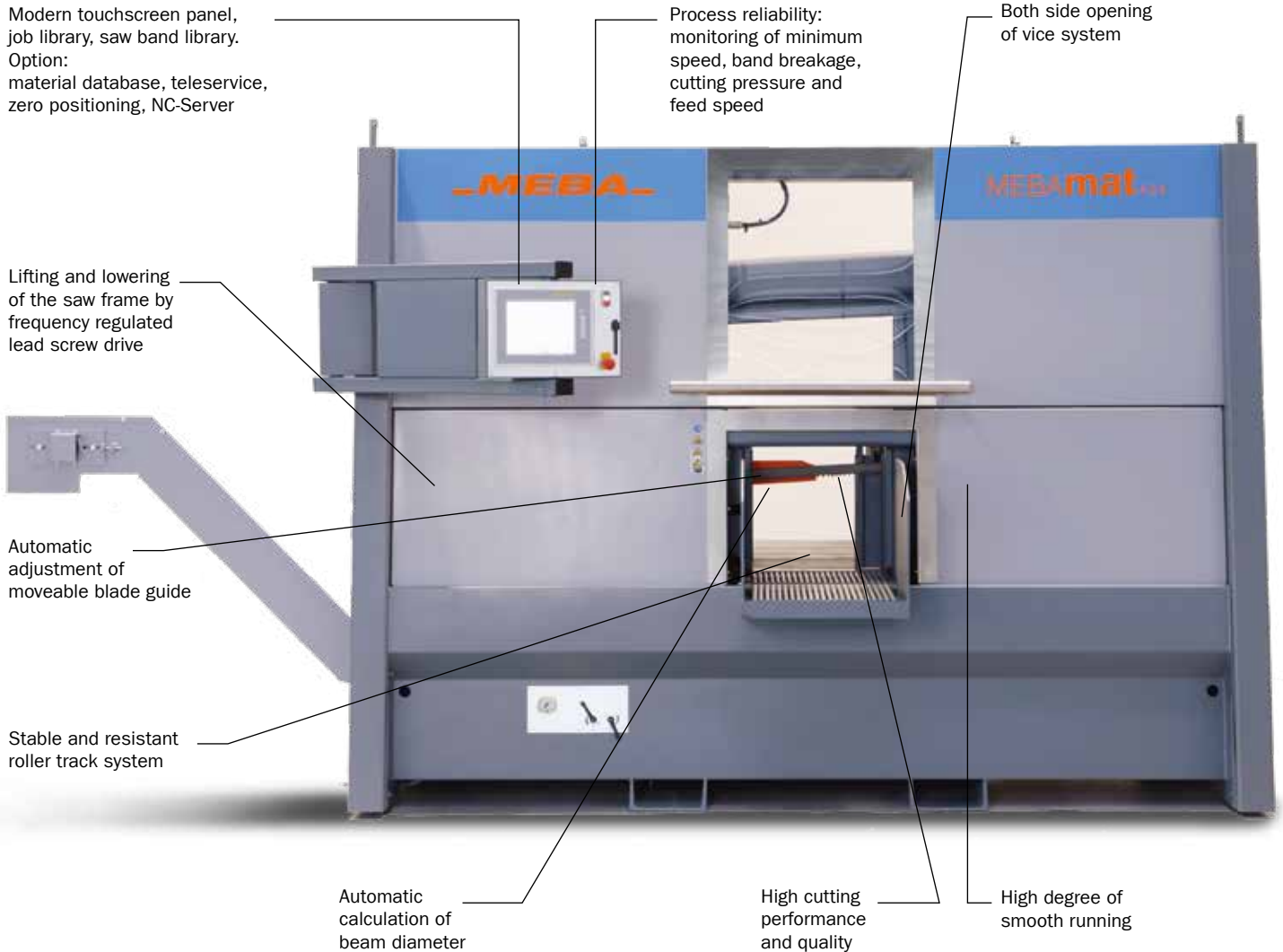
MEBA mat 330

Power. Persistence. Precision.

Technical Data	
Model	NC-automatic
90°	Ø 330 350x330 mm
Motor	3,9 kW
Saw blade	4900 x 34 x 1,1 mm
Cutting speed	15–200 m/min.
Length of remaining piece without bundle clamping [mm]	Manual: 20 mm Auto: 60 mm*
Length of remaining piece with bundle clamping [mm]	Manual: 80 mm Auto: 80 mm
Max. material size, bundle clamping	Ø 330 / 350 x 330
Smallest Ø	10 mm
Dimensions (LxWxH)	1700 x 2400 x 2200 mm
Working height	750 mm
Weight	2600 kg

* Optional 20 mm at option "shortened remaining piece"

Accessories
Worm chip conveyor, ejection height 450 mm
Transportable chip carriage
Zero face positioning
Clamping pressure regulator, hydraulic
Multi-bar-clamp
Cutting line control
MEBA micro-sprayer complete with spraying head
Air compressor for micro-sprayer (only if there is no air)
LED working light
Working table, outfeed side
Special colour, 2-coloured according to RAL-list, only machine
Water-spray pistol
Laser light (laser cutting line indication)
Level and flow monitoring of coolant
Shortened remaining piece
Material height and width recognition
Teleservice
Vertical guidance roller
USB-Interface, for data in- and export
Material Database



Compact and practical design:

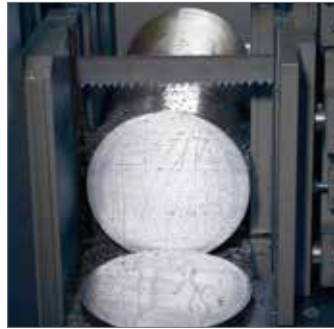
- Fully enclosed high performance bandsawing machine for safe, clean and quiet operation
- space saving, easy to access during machine commissioning, saw blade change (large doors) and maintenance activities (inspection openings)
- Carbide compatible Power-Package: sawing of solid material, tubes and profiles. Trouble free cutting of hardened material while saving blade life
- Maximum, reliable productivity for continuous runs in single- and multi-shift operation

Dynamics and power:

- Saw feed and material feed by ball lead screw with servo-motor for accurate cuts, without compromises

Precision and reliability:

- Use of latest linear ball guideways to provide solid smooth running Hydraulic material clamping with full stroke cylinder
- Hydraulic and constant saw blade tension
- Lateral saw blade carbide-roller guidance, preloaded hydraulically
- Minimum speed- and saw blade control on the band-wheel
- Latest vice system for an accurate material transportation
- Operating hour counter for total time, saw time and order time
- Automatic adjustment of moveable saw blade guidance to material width



MEBA mat 434

Power. Persistence. Precision.

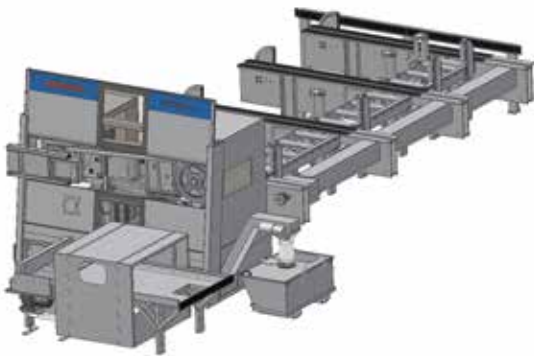
Technical data	
Model	NC-automatic
90°	Ø 430 430x430 mm
Motor	7,5 kW
Saw blade	6220 x 41 x 1,3 mm
Cutting speed	15–150 m/min.
Length of remaining piece without bundle clamping [mm]	Manual: 20 mm Auto: 20 mm
Length of remaining piece with bundle clamping [mm]	Manual: 105 mm Auto: 210 mm
Max. material size, bundle clamping	Ø 430 / 430 x 430
Smallest Ø	5 mm
Dimensions (LxWxH)	1700 x 3100 x 2350 mm
Working height	750 mm
Weight	4100 kg

Accessories
Chip conveyor 1000mm
Transportable chip carriage
Zero face positioning
Clamping pressure regulator, hydraulic
Bundle clamping hydraulic, full stroke over the whole width
Cutting line control
MEBA micro-sprayer complete with spraying head
Air compressor for micro-sprayer (only if there is no air)
LED working light
Working table, outfeed side
Special colour, 2-coloured according to RAL-list, only machine
Water-spray pistol
Laser light (laser cutting line indication)
Teleservice
USB-Interface, for data in- and export



MEBA material handling

Economically. Time Saving. Customized.



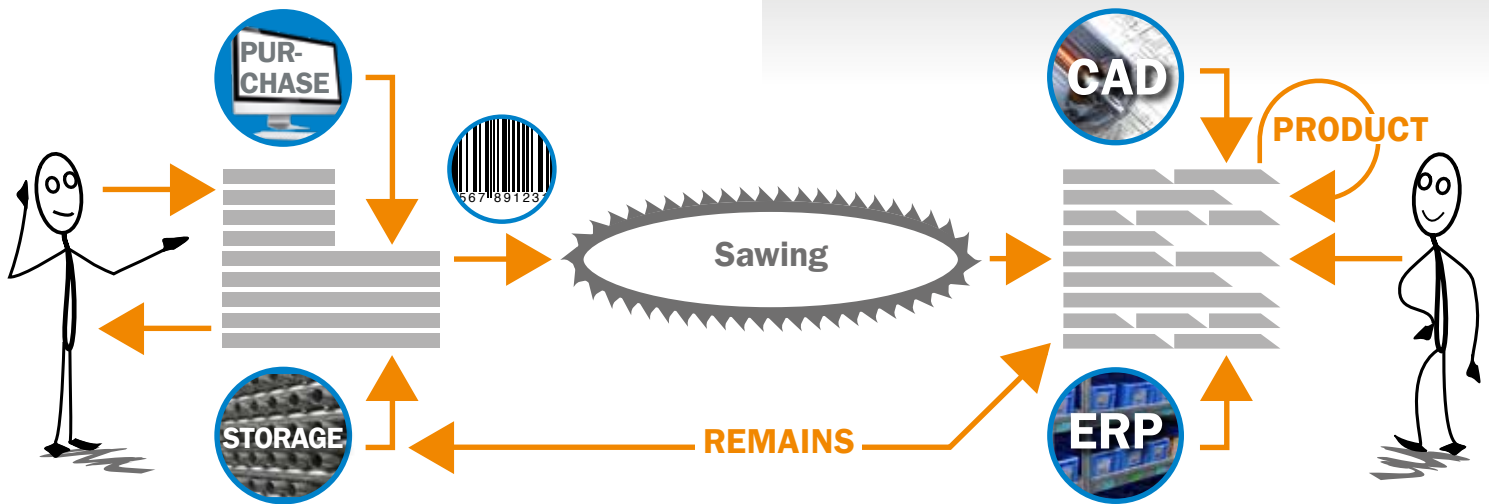
Transport solutions:

Individual modular system with stock roller, cross conveyor and measuring systems for economic and secure material transport.



Infeed load 5.8 kN/roller			
Dimensions mm	Rollers	Lateral Rollers incl.	Zufuhr
1000x500	3	1	manual
2000x500	6	2	manual
3000x500	7	2	manual
4000x500	8	2	manual
6000x500	11	2	manual
3000x500	9	2	driven
6000x500	14	3	driven
Roll off protection, opposite vertical guidance roller			
Lateral guide roller, movable for bundles			

Outfeed load 5.8 kN/Roller		
Dimensions mm	Rollers	Zufuhr
1000x500	3	manual
2000x500	6	manual
3000x500	7	manual
4000x500	8	manual
6000x500	11	manual
3000x500	9	driven
6000x500	14	driven
Roll off protection, both sides		



MEBA **nc-server**

Software. Management. Documentation.

Your benefits:

- **Time saving**
- **Process reliability**
- **Documentation**
- Planning and preparation of saw jobs in the process planning department
- Generate saw and serial parts really fast, import of saw parts from CAD or Excel
- Material and time saving process: Nesting of parts according to stock and /or supply lengths
- Saw parameters will be adjusted automatically
- Improved production control: documentation by printed or stored lists
- Data preparation / Nesting / Relating of programs on several PC's in the office
- Integration into the saw infrastructure

Standard version

Planning and preparation of saw jobs in the process planning department

Nesting of parts according to stock and/or supply lengths

Creation of saw programmes

Option

Import of saw parts from CAD or Excel

Connection to an existing storage system

Installation of the NC-Server on different PC's (extra licenses)

Sawing parameters

Integration into the saw infrastructure

Printing of labels / working papers

Reading saw data from barcode

MEBASERVICE



Machine consulting

MEBA sawing solutions

You have a task – we have the solution. We will be happy to advise you and offer solutions for your needs in all matters concerning your bandsaw. Ask for useful features for retrofitting such as micro coolant system, zero face positioning or bundle clamps.



Technical customer service

Repair & Maintenance

Prevention pays off. A regular inspection and maintenance is the best way to avoid unneeded downtimes.

Assure maximum availability and check the possibility of making a maintenance contract.



Start-up

Optimum start for your bandsaw. The machine installation and start-up is carried out by an experienced team of Service-Technicians. A training on site assures that you can begin production in a short time.



Spare parts service

High availability and short-term delivery. Only original MEBA spare parts guarantee the full performance and durability of your bandsaw. We continuously keep all important parts in stock.



Trainings

Obtain the decisive know-how-advantage! An in depth and practice-oriented training increases operator skills and the efficiency of your bandsaw.



Teleservice

The direct line to your bandsaw. We can telecontrol and diagnose your bandsaw by a high effective online diagnostic system.



Saw blade service

High availability and fast delivery. We test the best saw blade raw materials and offer the optimum saw blade for each application. We are welding and grinding the saw blades by our own and guarantee a fast delivery.



Job order production

Make use of our capacities. Most modern CNC drilling machines and metal-bandsaws are processing your materials. Our professionals on the machines provide reliable results - convince yourself!

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All specifications are subject to change without prior notice.
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