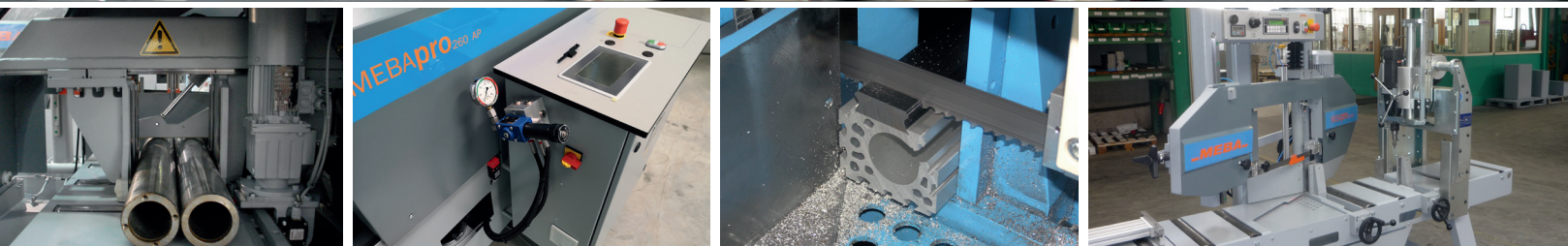


**MEBA**  
sawing solutions.

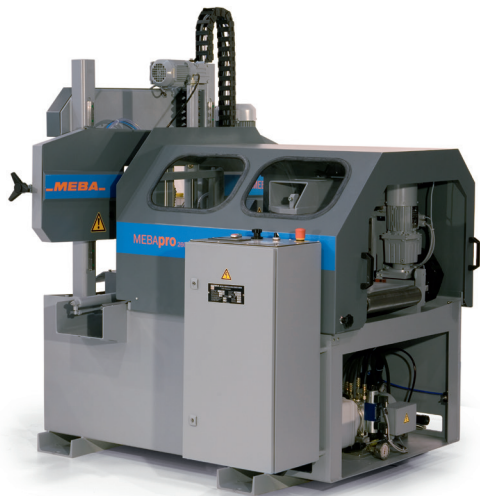
# MEBApro

Space saving high-tec.

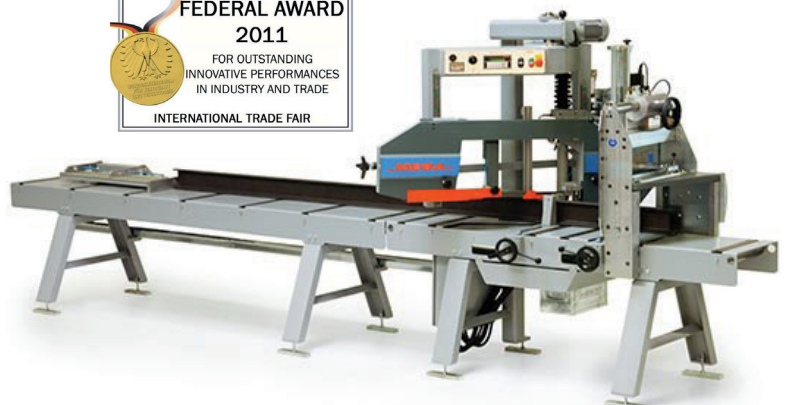


## Machine Data Sheet

MEBApro | 260 GP  
260 AP  
260 GP / CREA DRILL



Unequaled in its class  
in equipment and power



## MEBApro

### 260 GP, 260 AP, 260 GP/CREA DRILL

#### Technical Data

260 GP	
type	semi automatic
90°	Ø 260 300x260
45° rh	Ø 230 220x260
30° rh	Ø 140 140x200
motor	1,5 kW
saw blade	3350x27x0,9 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 20 mm automatic: –
max. material size with bundle clamp	option not available
shortest Ø	5 mm
dimensions (LxWxH)	2150x1650x1850 mm
working height	750 mm
weight	625 kg

260 AP	
type	NC automatic
90°	Ø 260 300x260
motor	1,5 kW
saw blade	3700x27x0,9 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 20 mm automatic: 100 mm
length of remaining piece with bundle clamp	manual: 100 mm automatic: 200 mm
max. material size with bundle clamp	Ø 260 / 300x260
shortest Ø	5 mm
dimensions (LxWxH)	1500x1800x1850 mm
working height	750 mm
weight	1050 kg

#### Standard equipment

- 2-column-linear guided saw frame
- Feed by adjustable frequency controlled lead screw drive with automatic pressure regulation for best cutting performance and saw blade life
- Stepless and variable saw blade speed with powerful, frequency-controlled saw blade drive
- Central and easy to use control panel
- Adjustable saw frame height by sensor system
- Saw frame mounted over working surface, thereby guidance is clear
- Combined precise saw blade carbide-roller guidance with saw blade brush
- Inclination of saw blade to vice bed approx. 2°

#### Additional standard equipment MEBA 260 AP:

- NC-controlled, automatic material infeed with hydraulic material full-stroke clamping
- Simple operation by NC-control with clear text message display
- Material infeed without re-clamping of material at short sections
- Stable, linear guided infeed gripper with servo positioning for highest accuracy
- Automatic adjustment of saw blade guidance to material width
- Driven saw blade cleaning brush

#### Additional standard equipment MEBA 260 GP:

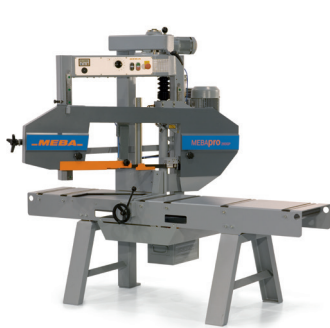
- Digital mitre display 90°- 30°
- Centre of rotation is at intersection of saw blade and fixed vice line, there is no change in measurement at any mitre angle
- Integrated roller track 2000 mm
- Fast material clamping. Material is always clamped at 90° regardless of the angle to be cut
- Integrated chip box tray
- MEBA micro-coolant system

#### Drill unit CREA DRILL

- Simple adjustment of the drilling position
- Frequently needed measures can be preset via raster
- Length positioning by automatic length measuring system unit MLA
- Short induction period
- No measuring, no line marking, no punch marking. Therefore no visible line markings
- Environmental friendly and clean micro spray lubrication system
- Suitable for all common materials
- High torque (3 gear speeds)
- Drill chuck 3-16 mm
- Core drill up to 60 mm

#### MEBA length measuring unit MLA

- Accurate and free moving linear guidance
- Length positioning by servo-drive
- Positioning accuracy 0.1 mm
- Pneumatically position clamping
- Length entry by NC-dialog control
- Stop extension for displacing the zero point between sawing- and drilling operation
- Automatic relieve of stop plate
- Pneumatic lifting and lowering of the stop arm
- Automatic length correction at mitre cuts



260 GP + Drill unit CREA DRILL	
type	semi automatic
90°	Ø 260 300x260
45° rh	Ø 240 220x260
30° rh	Ø 140 140x200
motor	1,5 kW
saw blade	3350x27x0,9 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 20 mm automatic: –
max. material size with bundle clamp	option not available
shortest Ø	5 mm
dimensions (LxWxH)	2150x1650x1850 mm
working height	750 mm
weight	800 kg

MEBA length measuring unit MLA	
measuring length	3000 mm
guideway length	3400 mm
positioning accuracy	0,1 mm servo motor
position recognition	non-contact measurement system

#### Technical Data Crea Drill

actual power output	1,9 kW
number of gears	3
nominal torque	20 / 7 / 4 Nm
driving speed (U/min.)	260–600 / 600–1600 / 1200–3300
drill chuck	3–16 mm



# MEBApro

Space saving high-tec



## Machine Data Sheet

### MEBApro | 300 A

#### Machine cover: secure and compact

- Additional security by integrated splash guard plates
- Large inspection opening allows easy access for maintenance and service works

#### Saw blade guiding: accurate and reliable

- Easy opening of saw blade guidance during changing of the saw blade
- High degree of precision: lateral saw blade guiding is a combination of preloaded carbide guides and hardened twistrollers
- High cutting pressure and increase of blade life due to roller-guided saw blade

#### Saw frame speed: powerful and dynamic

- Frequency-controlled ball –screw for accurate feeding
- Process reliability by permanent cutting pressure control and feed control. Automatic adjustment of the cutting speed when the cutting pressure is too high

#### Vice system: innovative and smooth

- Automatic hydraulic full stroke material infeed system
- Linear guidance system: precision, smooth-running and maintenance-free during maximum operation
- Linear guided rigid feed vice for precision positioning
- Strong hydraulic material clamping with full lift cylinder
- Integrated detection of material-end
- Both sides opening on the feed vice



#### Material stroke system: economic and functional

- Protection and a long lifetime of the saw blade

#### Operation and control: intelligent and ergonomic

**MEBApro** 300 A

**Technical Data**

300 A	
type	automatic
90°	Ø 300 300x300
motor	3 kW
saw blade	4900x34x1,1 mm
saw blade speed	15–130 m/min.
length of remaining piece without bundle clamp	manual: 10 mm automatic: 90 mm
length of remaining piece with bundle clamp	manual: 140 mm automatic: 200 mm
max. material size with bundle clamp	300 mm
shortest Ø	10 mm
dimensions (LxWxH)	2500x1650x1800 mm
working height	750 mm
weight	2500 kg



**Standard equipment**

- Stability and quality due to welded base structure
- Closed and continuous material surface ensures easy cleaning
- Partial covering for safe, clean and quiet operation
- Large swivel door at the front allows easy access for cleaning and saw blade changeover
- High degree of smooth running; outside double frame construction with modern ball screw
- High degree of precision: lateral saw blade guiding is a combination of preloaded carbide guides and hardened twistrollers
- High cutting pressure and increase of blade life due to roller-guided saw blade
- Frequency-controlled ball –screw for accurate feeding
- Step less adjustable speed of saw frame from 0-600 mm/min
- Process reliability by permanent cutting pressure control and feed control. Automatic adjustment of the cutting speed when the cutting pressure is too high
- Electrical control of saw blade tension and optical LED indication
- Process reliability by automatic control of saw blade breakage: instinctive shutdown during unmanned operation
- Constant saw blade tension by spring assembly
- Optimal cleaning of the tooth edge: modern double brush removes any remaining chips and dirt
- Flexible and individual coordinated cleaning process: synchronised to the cutting speed
- Automatic hydraulic full stroke material infeed system
- Linear guided rigid feed vice for precision positioning
- Integrated detection of material-end
- Both sides opening on the feed vice
- High-performance and energy-efficient saw motor 3 kW
- Stepless speed regulation from 15-130m/min
- Large coolant tank with a capacity of 100 litres
- Dual filter system: integrated filter sieve in the coolant tank and additional filter box on the coolant pump
- Panel control with touchscreen
- Self-explanatory symbols via Windows CE

