

MEBASwing

The smart choice for all-purpose bandsawing.



Machine Data Sheet

MEBASwing	230 G	260 DG
	230 DG	260 GA
		260 DG-HS

MEBASwing bandsaws support their operator individually: Different cross-sections, materials and often changing mitre cuts are processed easily. They are the smart choice for all-purpose bandsawing and are remarkable in ergonomic, easy handling and precision.



MEBASwing 230 G, 230 DG, 260 DG, 260 DG-HS, 260 GA

Technical Data

230 G	
type	manual
30° lh	Ø 110 120x80
45° lh	Ø 180 200x180
90°	Ø 230 300x150
motor	1,00 / 1,5 kW
saw blade	2720x27x0,9 mm
saw blade speed	28/56 m/min.
length of remaining piece without bundle clamp	manual: 35 mm automatic: –
shortest Ø	5 mm
dimensions (LxWxH)	840x1420x1230 mm
working height	735 mm
weight	230 kg

230 DG	
type	manual
30° lh	Ø 110 120x80
45° lh	Ø 180 200x180
90°	Ø 230 300x150
45° rh	Ø 170 200x70
motor	1,00 / 1,5 kW
saw blade	2720x27x0,9 mm
saw blade speed	28/56 m/min.
length of remaining piece without bundle clamp	manual: 35 mm automatic: –
shortest Ø	5 mm
dimensions (LxWxH)	840x1420x1230
working height	735 mm
weight	250 kg

Standard equipment

- Fast adjustment of mitre by scale
- The swivel is directly above the intersection of the saw blade and the fix vice jaw so that there is a datum measuring point which does no change with the mitre angle
- Manual material clamping. Material is always clamped at 90° regardless of the angle to be cut
- Stepless cutting pressure regulation through weight of the heavy and rigid saw frame and the fine tuning depending on cross-section by hydraulic damping cylinder
- Integrated chip collection tray
- Saw blade drive stops after ended cut
- Precise saw blade carbide roller guidance

Additional standard equipment 230 G / 230 DG:

- Measuring device with scale up to 500 mm
- Complete coolant system with immersed pump, can be combined with micro-coolant system

Additional standard equipment 260 DG:

- MEBA micro-coolant system (without flood cooling)
- Rapid lowering of the saw frame via button until material edge

Additional standart equipment 260 DG-HS

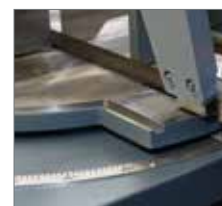
- MEBA micro-coolant system (without flood cooling)
- Semi-automatic sawing cycle
 - Hydraulic material clamping
 - Hydraulic lifting of saw frame
 - Rapid lowering of the saw frame via button until material edge
 - Saw frame lifts to just above the material after cut is finished.

Additional standart equipment 260 GA:

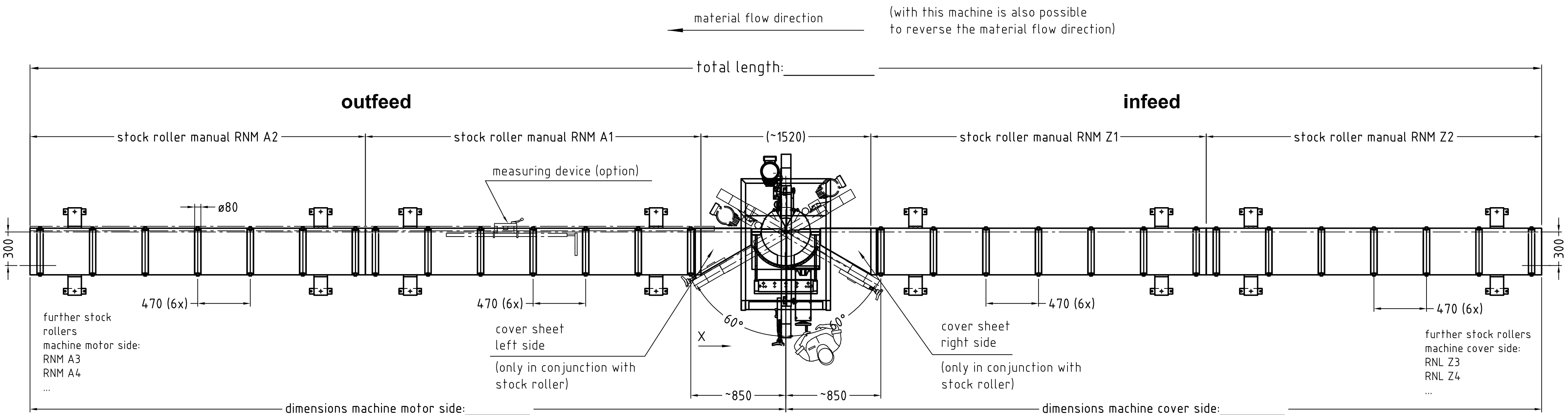
- Hydraulic material clamping

260 DG / DG-HS	
type	manual/semi-automatic
30° lh	Ø 130 120x120
45° lh	Ø 200 180x180
90°	Ø 260 300x260
45° rh	Ø 200 180x180
30° rh	Ø 130 120x120
motor	1,1 / 1,8 kW
saw blade	3350x27x0,9 mm
saw blade speed	35/75 m/min.
length of remaining piece without bundle clamp	manual: 25 mm automatic: –
shortest Ø	5 mm
dimensions (LxWxH)	800x1720x1450 mm
working height	900 mm
weight	710 kg

260 GA	
type	automatic
90°	Ø 260 300x260
45° rh	Ø 200 180x180
30° rh	Ø 130 120x120
motor	1,1 / 1,8 kW
saw blade	3700x27x0,9 mm
saw blade speed	35/75 m/min.
length of remaining piece without bundle clamp	manual: 20 mm automatic: 90 mm
shortest Ø	5 mm
dimensions (LxWxH)	1330x1840x1830 mm
working height	750 mm
weight	900 kg



MEBASwing 260 DG



stock roller machine motor side / specification			
stock roller- No.	manual		length (mm) <small>(1000/ 2000/ 3000/ 4000mm)</small>
RNM A1	Yes		
RNM A2	Yes		
RNM A3	Yes		
RNM A4	Yes		
cover sheet (left side) <input type="checkbox"/> yes <input type="checkbox"/> no			

measuring device / optional				
measuring decive Typ	length (mm)	lengthening piece (AV)	metering range (mm) without AV	metering range (mm) with AV
measuring device "swing" manual				
MLD manual				
ML0 manual				
M1 manual				

control panel
electrical connection:
fuse protection: 16A
amperage rating: 8A
FI-circuit breaker =>300mA

stock rollers machine cover side / specification			
stock roller- No.	manual		length (mm) <small>(1000/ 2000/ 3000/ 4000mm)</small>
RNM Z1	Yes		
RNM Z2	Yes		
RNM Z3	Yes		
RNM Z4	Yes		
cover sheet (right side) <input type="checkbox"/> yes <input type="checkbox"/> no			

vertical rollers	yes	no	quantity
right side			

Please confirm electrical datas:

electrical connection
(MEBA-standard):
3x400V /N / PE/ 50Hz yes ☐ no ☐

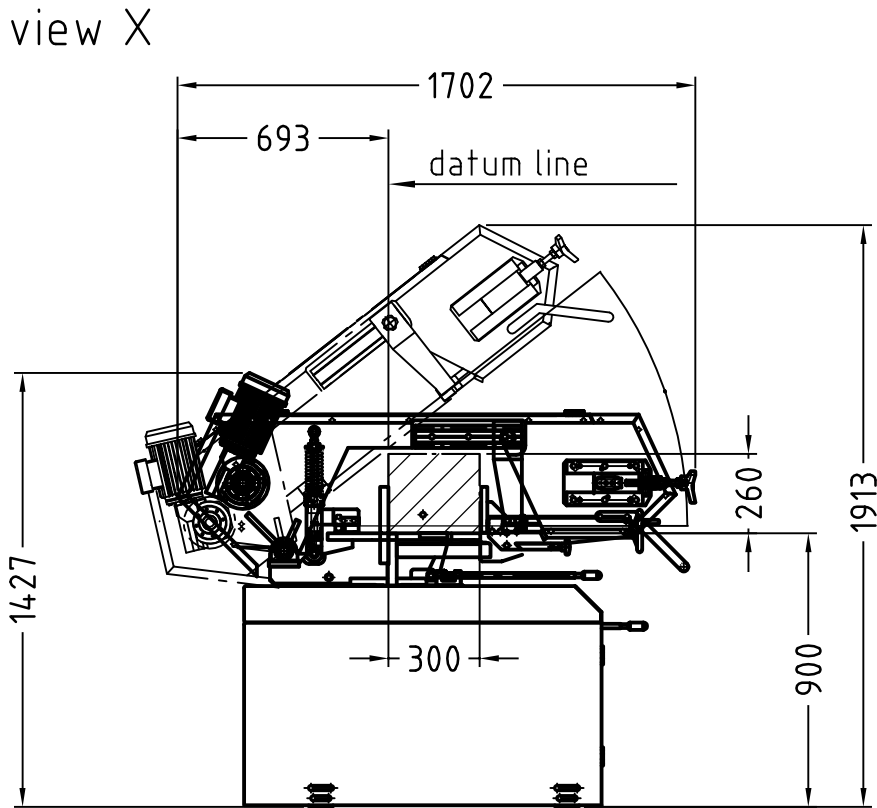
different electrical connection: _____
(autotransformer might be required !!!)

working height 900mm
(without mounting elements)

Eventually necesary proctectionarrangement like enclosures,barriers, and so on,are not included in the offer. These things can be plot corresponding to the valid instructions on the part of the bulider, or through a sepearte offer requested by MEBA.

At the installation location there has to be an at-grade base plate with a niveau tolerance of max. ±20mm. The base plate has to have a sufficient sturdiness for mounting dowels and has to resist a pressure load of min. 30kg/cm²

optional accessories (just what is shown on drawing)		
article	yes	no
material flow direction (as shown)		
MEBASwing 260 DG-HS		
Hydraulic lift up of the saw frame		



customer:

customer number:

Änderungsvermerk		Index		Datum / Namen	
Benennung	Maßstab	Format	Datum	Name	13.01.11 HU
Sawing plant with MEBAswing 260 DG		SCALE	SIZE		
1:25		A2			
Zeichnungs-Nr.	Auftragsnummer	Maschinen-Nr.	Kunde; Ort	/ CUSTOMER, CITY	
ASE 26 0DG 01	ORDER NO.	MASCHINE NO.			
Copyright DIN 34	Angebotsnummer	OFFER NO.			
Blatt 1 von 1					

MEBA
METALL-BANDSÄGEMASCHINEN GmbH
72589 WESTERHEIM
Technische Änderungen vorbehalten
TECHNICAL CHANGES NOT IN RESERVE

MEBA
sawing solutions.

MEBASwing

The smart choice for all-purpose bandsawing.



MEBASwing 175 G



MEBASwing 225 G



MEBASwing 175 G



MEBASwing 225 G



Standard equipment

- Fast adjustment of mitre, stepless from 90°-30°. With indication to 0,5 accuracy on scale. The swivel is directly above the intersection of the saw blade and the fixed vice jaw so that there is a datum measuring point which does not change with the mitre angle
- Powerful motor 2000W
- Manual material clamping
- Complete coolant equipment with electro-pump
- saw blade tension, monitored electronically
- Colour silvergrey/ bluegrey (RAL 7001 / RAL 7031)
- Saw blade 19x1.1 mm
- Instruction manual and spare parts list

Standard equipment

- Fast adjustment of mitre, stepless from 90°-30°. With indication to 0,5 accuracy on scale. The swivel is directly above the intersection of the saw blade and the fixed vice jaw so that there is a datum measuring point which does not change with the mitre angle
- End stop at 30°+45° left side
- Fast material clamping. Material is always clamped at 90° regardless of the angle to be cut
- Reduction of cutting pressure through weight of heavy and torsion free sawframe and fine tuning by hydraulic damping cylinder, depending on diameter of material to be cut
- Complete coolant equipment with electro-pump
- Material end stop with scale up to 600 mm
- Saw blade drive with end switch
- saw blade tension, monitored electronically
- Colour silvergrey/ bluegrey (RAL 7001 / RAL 7031)
- Saw blade 27x1.1 mm
- Instruction manual and spare parts list

Technical Data

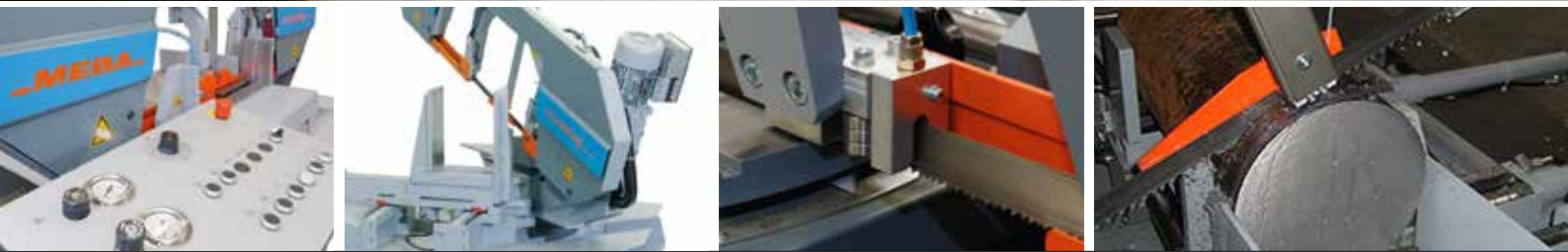
175 G	
type	manual
30°	Ø 75 100x 70
45°	Ø 110 150x110
90°	Ø 175 200x 75 / 190x135
motor	2,0 kW
saw blade	2140x19x0,9 mm
saw blade speed	35–80 m/min.
dimensions (LxWxH)	780x1240x1080 mm
weight	140 kg
list price	2.085,- €

225 G	
type	manual
30°	Ø 110 115x100
45°	Ø 175 200x160
90°	Ø 225 265x200
motor	1,0 / 1,3 kW
saw blade	2565x27x0,9 mm
saw blade speed	35–70 m/min.
dimensions (LxWxH)	1410x870x1650 mm
weight	350 kg
list price	3.780,- €

MEBA
sawing solutions.

MEBASwing

The smart choice for all-purpose bandsawing.



Machine Data Sheet

MEBASwing	320 G-HSS	405 DG
	320 DG	

MEBASwing bandsaws support their operator individually: Different cross-sections, materials and often changing mitre cuts are processed easily. They are the smart choice for all-purpose bandsawing and are remarkable in ergonomic, easy handling and precision.



MEBASwing 320 G-HSS, 320 DG, 405 DG

Technical Data

320 G-HSS	
type	semi automatic
90°	Ø 325 500x300
45° rh	Ø 300 300x300
30° rh	Ø 200 200x200
motor	3 kW AC
saw blade	4200x34x1,1 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 60 mm automatic: –
length of remaining piece with bundle clamp	manual: 165 mm automatic: –
max. material size with bundle clamp	Ø 325 500x300 mm
shortest Ø	5 mm
dimensions (LxWxH)	1250x2050x1280 mm
working height	750 mm
weight	910 kg

320 DG	
type	semi automatic
45° lh	Ø 300 300x300
90°	Ø 325 500x300
45° rh	Ø 300 300x300
30° rh	Ø 200 200x200
motor	3,0 kW AC
saw blade	4200x34x1,1 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 85 mm automatic: –
length of remaining piece with bundle clamp	manual: 260 mm automatic: –
max. material size with bundle clamp	Ø 320 320x300 mm
shortest Ø	5 mm
dimensions (LxWxH)	1450x2350x1350 mm
working height	750 mm
weight	1100 kg

Standard equipment

- Fast adjustment of mitre by scale
- The swivel is directly above the intersection of the saw blade and the fix vice jaw so that there is a datum measuring point which does not change with the mitre angle
- Manual material clamping. Material is always clamped at 90° regardless of the angle to be cut
- Stepless cutting pressure regulation through weight of the heavy and rigid saw frame and the fine tuning depending on cross-section by hydraulic damping cylinder
- Integrated chip collection tray
- Saw blade drive stops after ended cut
- Precise saw blade carbide roller guidance

Additional standard equipment:

- MEBA power package "HSS"
Hydraulic lifting (**H**) and lowering (**S**) of the saw frame. Hydraulic clamping (**S**) of the material.
- Powerful, frequency-controlled saw blade drive

Additional standard equipment 320 DG, 405 DG:

- Unique, patented double-mitre system: Rotating table avoids sawing up of the material support. Material is always clamped rectangular and close to the saw blade.
- MEBA power package "HSS"
Hydraulic lifting (**H**) and lowering (**S**) of the saw frame. Hydraulic clamping (**S**) of the material. Incl. stepless, hydraulic cutting pressure- and feed control. Display of lowering speed by scale. Display of cutting pressure by manometer. Rapid lowering of the saw frame by button until material edge

Extended standard equipment 405 DG:

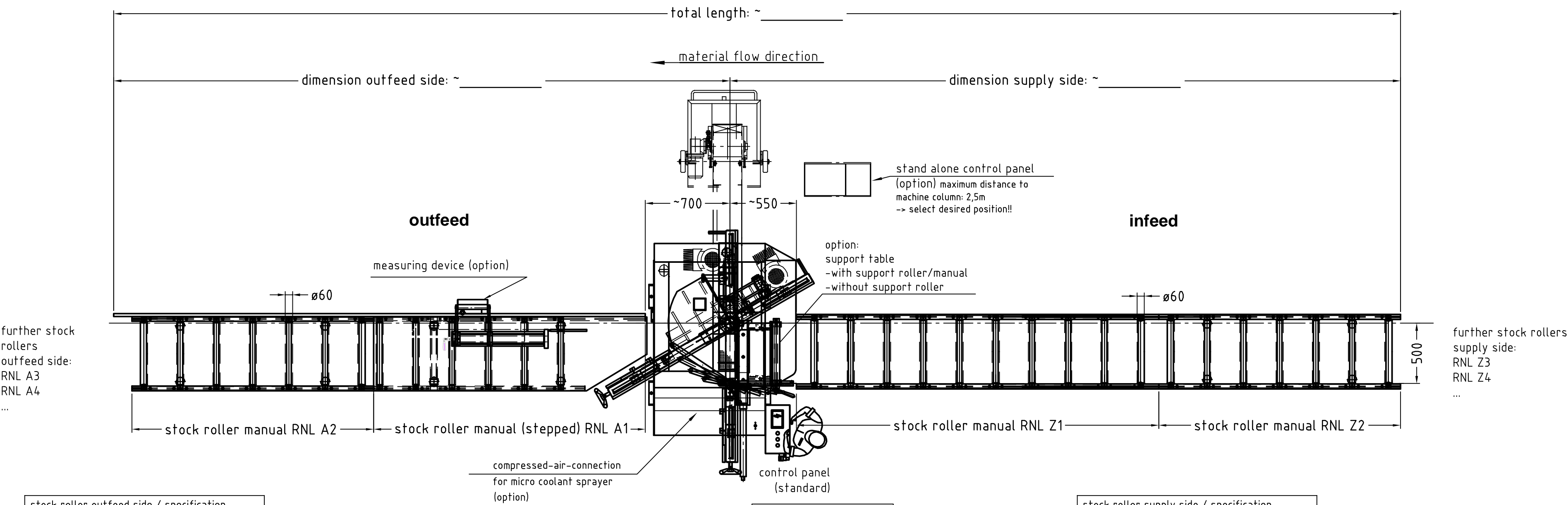
- Free standing control panel



405 DG	
type	semi automatic
45° lh	Ø 300 300x300
90°	Ø 410 620x410
45° rh	Ø 360 420x360
30° rh	Ø 300 300x300
motor	3,0 kW AC
saw blade	5000x34x1,1 mm
saw blade speed	15–150 m/min.
length of remaining piece without bundle clamp	manual: 60 mm automatic: –
length of remaining piece with bundle clamp	manual: 260 mm automatic: –
max. material size with bundle clamp	Ø 320 320x400 mm
shortest Ø	5 mm
dimensions (LxWxH)	1450x2450x1420 mm
working height	750 mm
weight	1300 kg



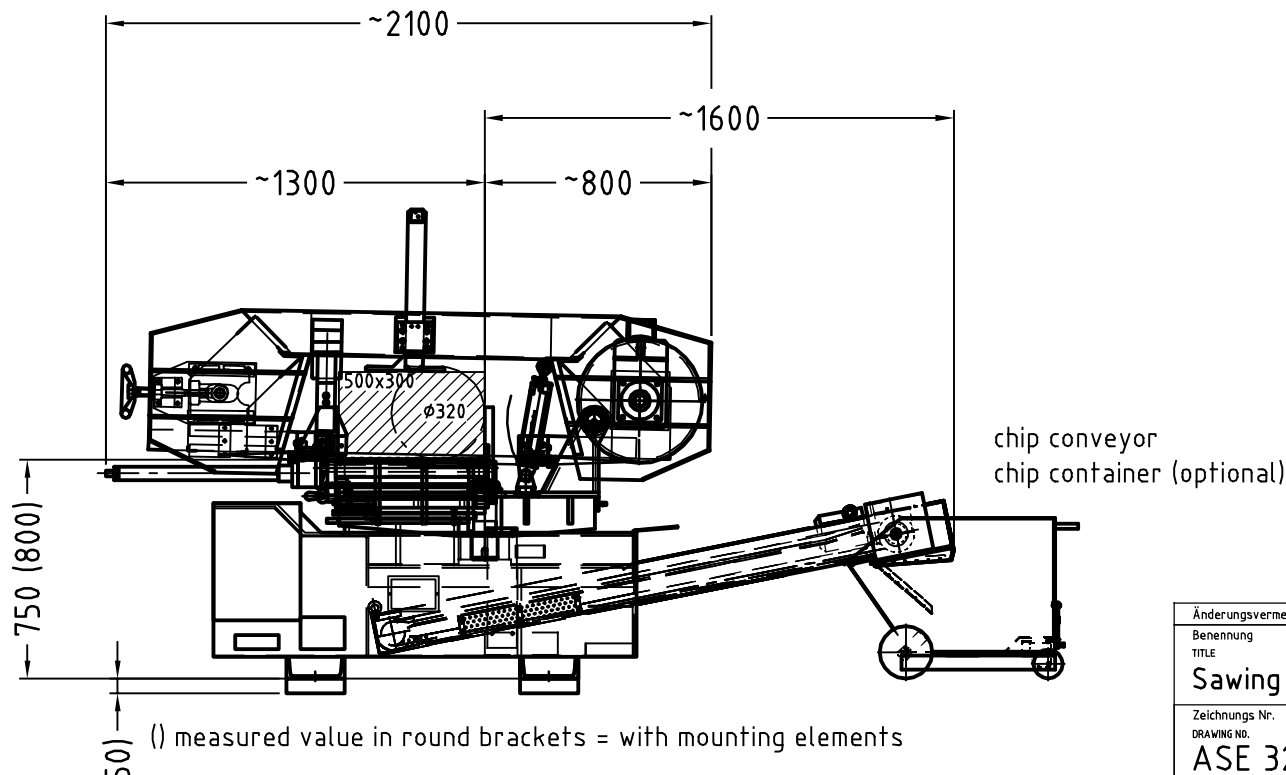
MEBASwing 320 G /320 G-HSS



stock roller outfeed side / specification		
No.: (stock roller)	manual	length (mm)
RNL A1		
RNL A2		
RNL A3		
RNL A4		
RNL A5		

stock roller supply side / specification		
No.: (stock roller)	manual	length (mm)
RNL Z1		
RNL Z2		
RNL Z3		
RNL Z4		
RNL Z5		

measuring device / optional				
measuring device Typ	length (mm)	lengthening piece (AV)	metering range (mm) without AV	metering range (mm) with AV
M0 manual				
MLD manual				



working height 750mm
(without mounting elements)

Eventually necessary safety equipments like enclosures, barriers, etc., are not included in the offer. These equipments can be plot corresponding to the valid instructions on the part of the builder, or through a separate offer requested at MEBA.

At the installation location there has to be an at-grade base plate with a niveau tolerance of max. ±20mm. The base plate has to have a sufficient sturdiness for mounting dowels and has to resist a pressure load of min. 30kg/cm²

optional accessories (just what is shown on drawing)		
article	yes	no
control panel -stand alone (mark desired location)		
chip conveyor		
chip container		
support table (with support roller/ manual		
support table (without support roller)		
micro coolant sprayer		
mounting elements working height = 800mm		

Änderungsvermerk				Index		Datum / Namen	
Benennung	TITLE		Maßstab SCALE	Format DIN	Datum DATE	Name	
Sawing plant with MEBAswing 320 G/ 320 G-HSS				1:25	27.04.11 HU		
Zeichnungs-Nr. DRAWING NO.	Auftragsnummer ORDER NO.	Maschinen-Nr. MACHINE NO.	Kunde: Ort / CUSTOMER, CITY				
ASE 32 0GH SS	Angebotsnummer OFFER NO.						
Copyright DIN 34				Blatt	von		
				10	11		
				12			