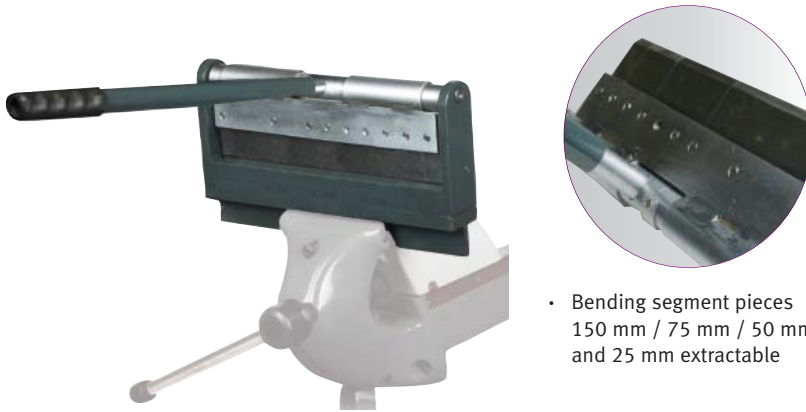


## Folding machine FP 30 - Universally applicable

### Convincing arguments: quality, efficiency and price

- Folding machine FP 30 to bend and fold steel sheets
- Removable bending jaw segments
- Convenient slewing movement of the bending jaw by means of a lever hold
- High quality bending jaw
- To be used on a vice



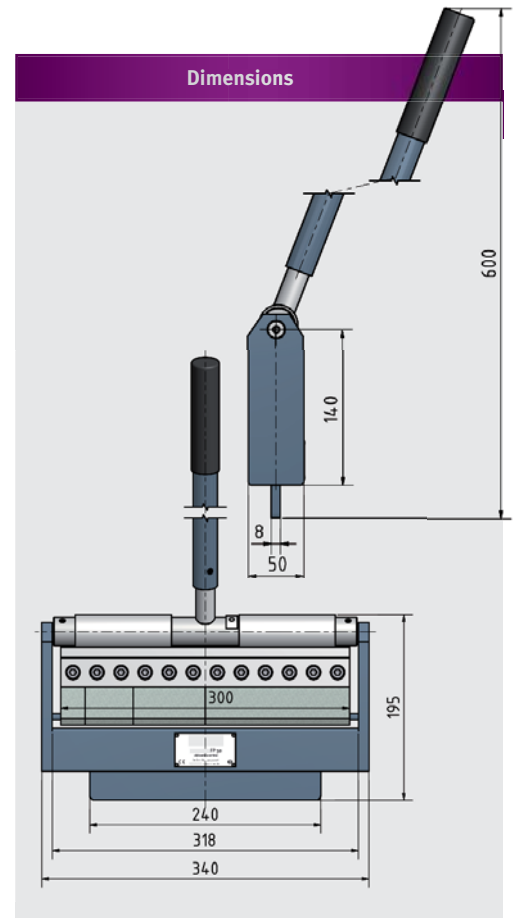
- Bending segment pieces 150 mm / 75 mm / 50 mm and 25 mm extractable

Fig.: Folding machine FP 30

<b>Model</b>	<b>FP 30</b>
Item No	3244028

<b>Features</b>	
Material width max.	320 mm
Sheet thickness max.	2.5 mm

<b>Folding capacity</b> max. at 90°	
Aluminium/Copper	300 x 2 mm
Steel sheet	300 x 1 mm
Net weight	10 kg



## Three cylinder round bending machine BM 3 - Universally applicable

### Convincing arguments: quality, efficiency and price

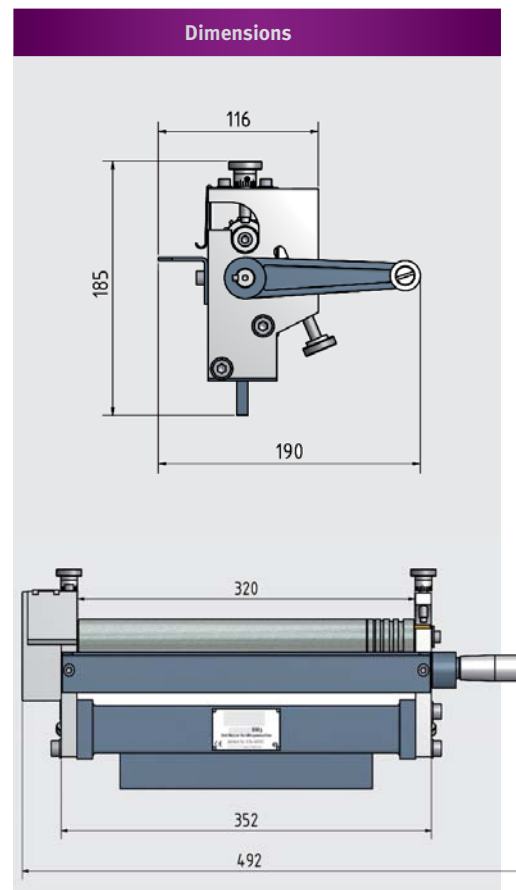
- Bending and rolling of wires, tubes and steel sheets
- Ground bending rollers
- Lateral steel jaws running on bearings (self-lubricating)
- Two removable unwinding cylinders
- Separate setting options for material thickness and rolling radius
- To be used on a vice
- Stable support surface



- Wire insertion grooves Ø 1 - 2 - 3 - 4 - 5 mm

Fig.: BM 3 5

<b>Model</b>	<b>BM 3</b>	<b>Sheeting thickness</b> max.	
Item No	3244030	Steel sheet metal St. 37	1 mm
		Stainless steel	1 mm
		Aluminium/Copper	2 mm
		Brass	1 mm
		Gold/Silver/Tin plate	2 mm
		Small widths	3 mm
		Round material	1 - 5 mm
		Unwinding cylinders	Ø 30 mm
<b>Features</b>			
Material width max.	310 mm		
Bending Ø (min.)	35 mm		
Bending Ø max.	unlimited		
Net weight	10 kg		



Preamble  
Drilling  
Turning  
Milling  
Sawing  
Grinding  
Polishing  
Lamps  
Measuring  
CNC  
Index

## Steel sheet processing machine 3 in 1. Round bending, folding and cutting. Perfect for the demanding user

### Convincing arguments: quality, efficiency and price

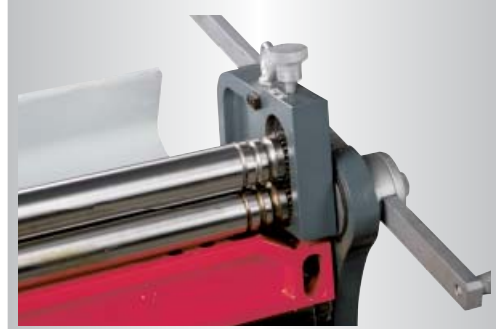
- Modern structural shape of stable steel structure
- High design flexibility due to segmented bending rail
- Segments removable from the folding jaw
- Operation via two laterally placed levers
- Long support surface
- Extractable support arm for safe positioning of large format steel sheets
- Scissor table with embedded measuring tapes and right-angled stop on both sides
- Easy to adjust top -, rear and bottom cylinder
- Large, adjustable and easy to operate lever arms
- Extractable rear stop and front material support for safe positioning



Fig.: SAR 1000

### Round bending

- Adjusting screws for the material thickness with scaling
- Ground bending rollers with wire insertion grooves on the bottom and front cylinder



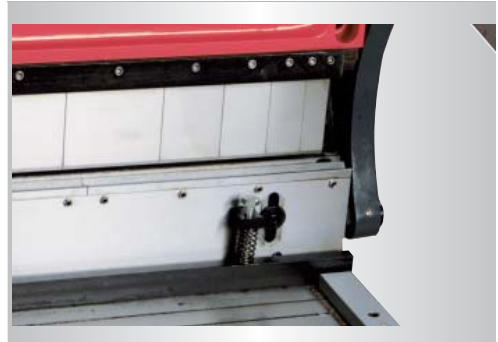
### Folding

- High quality folding jaws
- Holding-down device with spring
- Folding machine subdivided in segments
- Segments removable from the folding jaw 40 mm/ 50 mm/65 mm/100 mm/180 mm/255 mm/ 380 mm for folding of cartridges



### Cutting

- Neat and burr-free cutting by means of top and bottom knife made of quality steel



Model	SAR 1000
Item No	3242100

Accessories	Substructure
Item No	3242107

Technical data	
Material width max.	700 mm

Dimensions	1'185 x 500 x 700 mm
L x W x H:	

Round bending	
Round bending (min.)	∅ 48 mm
Round bending max.	∅ unlimited
Steel sheet metal (S235JR)	up to 1 mm
Stainless steel	up to 0.5 mm
Aluminium/Copper	up to 1.5 mm
Brass	up to 1 mm
Gold/Silver/Tin plate	up to 1.5 mm
Unwinding cylinders ∅	48 mm

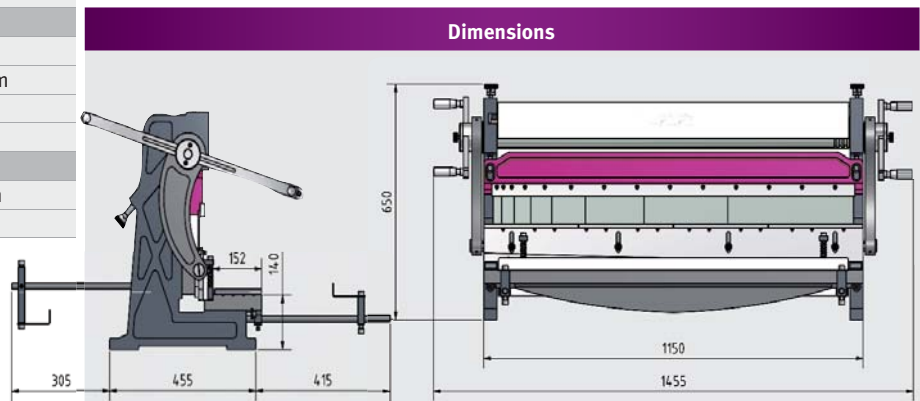


Folding	
Sheet thickness max.	2.5 mm*
Aluminium/Copper	up to 1.5 mm
Steel sheet metal (S235JR)	up to 1 mm
Number of segments	7

Cutting	
Cutting capacity max.	up to 1 mm
Net weight	290 kg

Standard equipment
Adjustment rear stop
Front material support
Tool

\*cannot be realized over the whole processing width



## Lever sheet shears - a quality product for crafts

### Convincing arguments: quality, efficiency and price

- To cut metal plates, steel sheets, round and flat steels
- Stable shears body
- Ergonomic good cutting geometry
- Easy, effortless cutting over the whole cutting length
- Robust handle ensures a good grip
- High-quality blades
- The workpiece which needs to be cut is held in the horizontal position by the holding down clamp
- Safe stand and holes for stationary fixing

### Dimensions

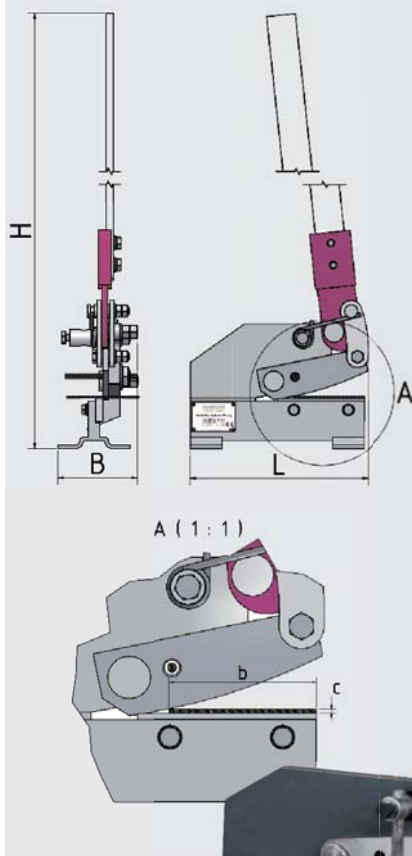


Fig.: Ps 125

Fig.: Ps 300

Model	Ps 125	Ps 150	Ps 300
Item No	3241006	3241007	3241012

Cutting capacity	Ps 125	Ps 150	Ps 300
Cutting length max. (b)	95 mm	115 mm	235 mm
Steel sheet thickness max. (c)	3 mm*	4 mm*	4 mm*
Dimensions L x W x H	245 x 110 x 935 mm	325 x 120 x 960 mm	490 x 155 x 1'340 mm
Net weight	8.7 kg	10.7 kg	23 kg

\*not on the total length - material steel (S235JR), Stainless steel up to 1 mm

### Convincing arguments...



- High quality knife with long service life
- Holding down clamp avoiding steel sheet torsion when cutting
- Powerful spring avoids automatic closing of the shears



Spare blade	Item No
• 2 pieces	
for PS 125	3241025
for PS 150	3241026
for PS 300	3241028

**Precision-lathe mandrel press of robust and solid type.  
For mechanic shops and repair companies**

**Convincing arguments: quality, efficiency and price**

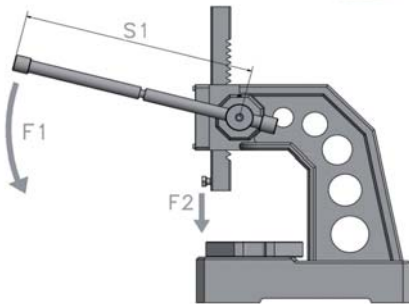
- For pressing-in and grouting of bearings, arbors, connectors, spindles, pins
- Solid construction
- Body made of high quality grey cast iron
- Variably adjustable lever rod
- Quadruple positionable base plate
- To be fixed on a workbench
- 4 different types



Fig.: DDP20



Fig.: DDP20



Model	DDP 10	DDP 20	DDP 30	DDP 50
Item No	3359011	3359012	3359013	3359015
<b>Technical data</b>				
Height of workpiece max.	123 mm	195 mm	310mm	459 mm
Throat depth	95 mm	120 mm	150 mm	226 mm
<b>Dimensions</b>				
Length x Width x Height max	270 x 180 x 410 mm	430 x 235 x 680mm	455 x 260 x 850 mm	650 x 350 x 785 mm
Ram dimensions (L x W x H)	25 x 25 x 240 mm	32 x 32 x 345 mm	38 x 38 x 455 mm	50 x 50 x 647 mm
Weight	14 kg	33 kg	55 kg	140 kg
<b>Standard equipment</b>	Quadruple positionable plate			



Force effect		DDP 10		DDP 20		DDP 30		DDP 50	
Manual force	F1	392.4 N	589 N	392.4 N	589 N	392.4 N	589 N	392.4 N	589 N
		(40 kg)	(60 Kg)	(40 kg)	(60 Kg)	(40 kg)	(60 Kg)	(40 kg)	(60 Kg)
Length of lever arm	S1	340 mm		450 mm		600 mm		850 mm	
Force effect	F2	7'480 N	11'220 N	8'364 N	12'555 N	7'705 N	11'566 N	10'251 N	15'372 N
		(763 Kg)	(1'143 kg)	(853 kg)	(1'280 kg)	(786 kg)	(1'179 kg)	(1'045 kg)	(1'567 kg)