

Profiform Ultra



Precision circular saw for metal Profiform Ultra for industry, prototype labs, goldsmiths and professional model builders:

- Powerful 230V~/250W motor with good torque, for direct connection to the mains
- Electronic speed regulator from 400 to 4'000 r.p.m.
- Adjustable cutting depth up to 25 mm with \varnothing 100 mm blade (up to 15 mm with \varnothing 80 mm blade)
- High precision sliding table with linear bearing for smooth operation and accurate work
- Big working table of 400 x 410 mm, convenient for almost all sizes of workpieces

Precision circular saw, complete with 1 HSS circular saw blade \varnothing 80 x 0,8 mm, 128 teeth

Profiform Ultra 220V/50Hz Item Nr. 113000

Same as above, but with 110V/60 Hz, 250 W motor. Speed range for 110V model is 500 to 4800 r.p.m.

Profiform Ultra 110V/60Hz Item Nr. 113005

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Circular saw blades

Metal circular saw blades DIN, quality HSS (DMo5), ground; b = thickness of blade, Z = number of teeth, t = tooth distance in mm

Dimension \varnothing x b	Type	Z	t	Item Nr.
\varnothing 80 x 0,4 x \varnothing 22 mm	DIN 1837 A	160	1,6	113010
\varnothing 80 x 0,8 x \varnothing 22 mm	DIN 1837 A	128	2	113012
\varnothing 80 x 0,8 x \varnothing 22 mm	DIN 1838 B	64	4	113015
\varnothing 80 x 1,2 x \varnothing 22 mm	DIN 1838 C	48	5	113020
\varnothing 100 x 0,8 x \varnothing 22 mm	DIN 1837 A	128	2,5	113025
\varnothing 100 x 1,6 x \varnothing 22 mm	DIN 1838 C	48	6,5	113030

Solid carbide slitting saw blades, fine teeth; b = thickness of blade, Z = number of teeth

Dimension \varnothing x b	Type	Z	Item Nr.
\varnothing 80 x 0,8 x \varnothing 22 mm	similar DIN 1837 A	160	113035
\varnothing 80 x 1,0 x \varnothing 22 mm	similar DIN 1837 A	128	113040

Plastiform



Plastic-bending devices Plastiform are designed for making covers, boxes, displays, models and so on in the areas of industry, education, prototype and model building

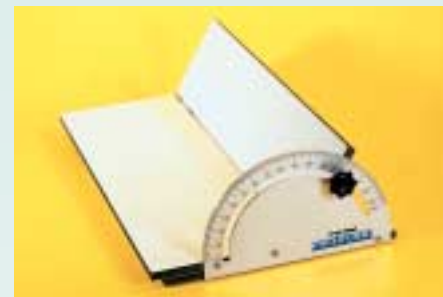
The interestingly priced units warm up plastic sheets (thermoplastics) up to 5 mm thickness in a narrow area. This allows then to bend them to the required angle. After a short cooling period the plastic will retain its new shape.

Plastiform 400 with 400 mm working length **Item Nr. 125400**

Plastiform 580 with 580 mm working length and integrated stops **Item Nr. 125580**

Plastiform 1000 with 1000 mm working length, with thermostat, timer and integrated stops **Item Nr. 125599**

Represented by:



Adjustable bending gauge For accurate pre-setting of the required bending angle from 0° to 165° with graduated dial; suits with all Plastiform plastic benders. Working surface length: 500 mm

Item Nr. 125500

Depth stop set for Plastiform 400 with engraved metric dial, complete with fasteners. **Item Nr. 125402**

PROFIFORM

Machines and Accessories

PROFIFORM

Profiform 200



Profiform 320



Versatile machines for shearing, bending and punching all sorts of sheet-metal parts, for prototypes, models, jewellery and much more !

Profiform 200 and Profiform 320
work metals, plastic, paper, cardboard, printed circuit board, veneer and many other materials.

Technical Data:

Maximum material thickness:
Brass, silver up to 1,0 mm
Tinplate, steel (37 kg/mm²) up to 1,0 mm
Aluminium up to 1,5 mm

Max. working width Profiform 200: 200 mm
Max. working width Profiform 320: 320 mm

Basic set for shearing and cutting with double V-block with adjustable stop and ground and hardened indexable cutting blades.

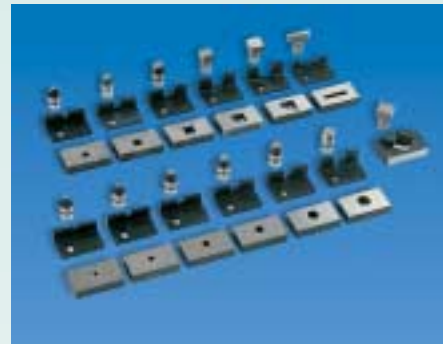
Profiform 200: Item Nr. 110000
Profiform 320: Item Nr. 111000

Accessories



Tool holder set with stops for punching and notching tools for Profiform 200 and 320
Item Nr. 115100

Fine adjustment for tool holder set stop
Item Nr. 115102



Punching tool sets
consisting of punch and die, hardened and ground, as well as of a stripper pad

Dimension	Item Nr.
● Ø 3 mm	115110
● Ø 4 mm	115120
● Ø 5 mm	115130
● Ø 6 mm	115140
● Ø 8 mm	115150
● Ø 10 mm	115160
■ 4 x 4 mm	115210
■ 6 x 6 mm	115220
■ 8 x 8 mm	115230
■ 10 x 10 mm	115240
■ 12 x 12 mm	115250
■ 4 x 20 mm	115260

Notching tool consisting of hardened punch and die with integrated punch guide. Sizes up to 12 x 12 mm can be notched in one operation, larger sizes in several steps. Item Nr. 115270

Stop for bending limitation
Angles between 0° and 90° can identically be bent on several workpieces.

Stop for Profiform 200: Item Nr. 115800
Stop for Profiform 320: Item Nr. 115900

Mounting plate for Profiform 320
for mounting the machine by means of standard clamps. Item Nr. 115500



Fabricating of louvers and grooves with Profiform 200 and 320

	Dimension	Item Nr.
Tool holder		115300
Vent-slot (louver)	34 x 1,5 x 3 mm	115310
Vent-slot (louver)	34 x 2,5 x 5 mm	115320
Groove tool	34 x 1 x 1 mm	115340



Profiform 320 + Item Nr. 115560 + 115570

Universal table with angular stop for Profiform 200 or 320

Versatile accessory which fulfills the function of a third hand.

For accurate cutting and bending work the table is of invaluable help.

Table for Profiform 200: Item Nr. 115550
Table for Profiform 320: Item Nr. 115560
Angular stop for table: Item Nr. 115570

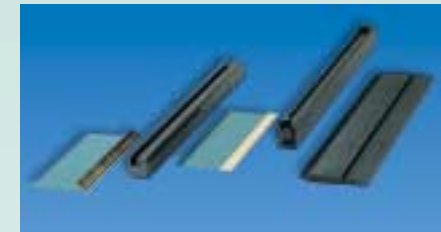
High grade, profiled steel
bending tools and V-blocks

Bending tools: L = 10 mm Item Nr. 115001
L = 15 mm Item Nr. 115002
L = 20 mm Item Nr. 115003
L = 40 mm Item Nr. 115004
L = 200 mm Item Nr. 115008
L = 320 mm Item Nr. 115009

Bending tools L = 200 mm Item Nr. 115019
without radius L = 320 mm Item Nr. 115020

Bending tools L = 200 mm Item Nr. 115014
thin, 2 mm L = 320 mm Item Nr. 115015

V-blocks: L = 200 mm Item Nr. 115010
L = 320 mm Item Nr. 115011



The **boxing tool set** is used to completely fold sheet-metal 180°

Set for Profiform 200: Item Nr. 115600
Set for Profiform 320: Item Nr. 115700



Profiform 320 + Item Nr. 115400

Cutter end stops are a great help when a series of identical parts are manufactured. Single stop for use on Profiform 200 and 320: Item Nr. 115400
Stops covering the full machine width:
Stop for Profiform 200: Item Nr. 115420
Stop for Profiform 320: Item Nr. 115432



Profiform 200 + Item Nr. 115420



Radius punching tool "Corner rounder" CR48
for punching outside radii of 4 and 8 mm
Item Nr. 115280

Profiform Rondo



Profiform Rondo + Item Nr. 112100

3-roller radius bending machine for

- rolling of sheet-metal
- shaping of tubes and tapers
- radius bending of wires or tubes
- manufacturing of rings and so on

Technical Data: Profiform Rondo

Max. working width 320 mm
Roller diameter ø 32 mm
Min. bending radius > 20 mm,
depending on material thickness

Technical Data: Profiform Mini Rondo

Max. working width 180 mm
Roller diameter ø 16/32 mm
Min. bending radius > 10 mm
depending on material thickness

Profiform Rondo: Item Nr. 112000
Profiform Mini Rondo: Item Nr. 112006

Accessory:
Parallel guide set for Profiform Rondo
Item Nr. 112100

Profiform Proco



Forming machines for manufacturing corrugated sheet-metal

- from various materials
- of various thicknesses
- of accurate, regular pitch
- of adjustable depth of form

Technical Data:

Max. working width 320 mm
Driven rollers 2
Max. material thickness < 0,5 mm,
depending on depth of form and material width

Profiform Proco 15: Item Nr. 112215
Profiform Proco 25: Item Nr. 112225
Profiform Proco 50: Item Nr. 112250

Sheet-metal

Sheet-metal plates for industry, schools and model builders, Size 200 x 300 mm

Material	Thickness	Sheets/Pack	Item Nr.
Brass half-hard	0,3 mm	3 pcs	117003
	0,4 mm	2 pcs	117004
	0,5 mm	2 pcs	117005
	0,6 mm	2 pcs	117006
	0,8 mm	1 pce	117008
	1,0 mm	1 pce	117010
Aluminium Al 99,5	0,5 mm	3 pcs	117105
	1,0 mm	2 pcs	117110
	1,5 mm	1 pce	117115
Tinplate	0,2 mm	4 pcs	117202
	0,4 mm	3 pcs	117204
	0,5 mm	2 pcs	117205