

72030

Universal Toggle Presses

Type

360° adjustable hand lever, stable cast iron body with high precision, prism guide on slide, free from float. Easy and quick positioning of pressing head by hand crank. Clamping is achieved by means of several hexagonal screws through the complete press body. Large table clamping surface with T-

slots. Cat.-no. 203 and 204 with reversible bearing bolts on lever for increasing the pressure force.

Note:

Toggle presses with higher pressure performance and pneumatic drive available on request.

Technical specifications:	type	2,5 kN HKP/V	5 kN HKP/V	8/12 kN HKP/V	8/16 kN HKP/V
▶ max. pressure capacity only at bottom dead centre	approx. kN	8	14	16/20	24/32
▶ max. pressure capacity at admissible lever tension	N	280	320	350/340	420/420
▶ Length of stroke max.	mm	0 - 42	0 - 40	0 - 45	0 - 58
▶ Working radius	mm	90	90	120	160
▶ Built-in height	mm	75 - 190	70 - 195	75 - 240	100 - 320
▶ Mounting hole slide	Ø mm	10 H7	10 H7	10 H7	15 H7
▶ Table size	mm	150 x 100	180 x 110	200 x 168	300 x 230
▶ Overall height	mm	480 - 600	595 - 715	655 - 820	930 - 1150
▶ Weight	kg	11,5	20	32	79



Type	72030	...
2,5 kN HKP/V	201	
5 kN HKP/V	202	
8/12 kN HKP/V	203	
8/16 kN HKP/V	204	

72035

Mechanical high-performance assembly and broaching presses

Type

Very stable and torsion-resistant welded design. Shape and cross-section have been chosen specifically to safely withstand any occurring loads. It is driven by 5-spoke hand wheel via an epicyclic gear onto the drive spindle. Thanks to the large leverage ratio, only low force is needed at the hand wheel. The guides of the square working spindle are equipped with adjustable strips.

Finish: RAL 7035 light grey.

Application

Especially suitable for economically and neatly producing feather grooves with push broaches, but also inserting and removing bushings and bolts and for the assembly of preclamped assembly groups.

Note:

Depth gauge with fine adjustment available on request. Suitable push broaches see cat.-no. 16880 cont. Suitable lower cupboard see cat.-no. 70063. All machines are available on request with larger strokes and larger installation space.

Technical specifications:	type	T3	T5
▶ Working spindle square-end	mm	40	55
▶ Mounting hole in working spindle	–	Ø 20 H7	Ø 20 H7
▶ pressure capacity max.	kN	30	50
▶ spindle movement max.	mm	450	550
▶ Tabletop	mm	280 x 220	350 x 250
▶ Ø of rotatable table	mm	235	235
▶ Base area	mm	500 x 280	550 x 350
▶ Overall height at extended gear rod	mm	1.450	1.650
▶ Weight	kg	110	195

Type	72035	...
T3		101
T5		102

72035 101



72035 102



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• Presses • Bending tool • Pipe bending tools

72036 Lower cupboard for mechanical high-performance assembly and broaching presses

Type
Lower cupboard with one door and shelf.

Application
For mechanical high-performance assembly and broaching presses cat.-no. 72035.



Base area mm	Height mm	72036	...
480 x 580	750		101

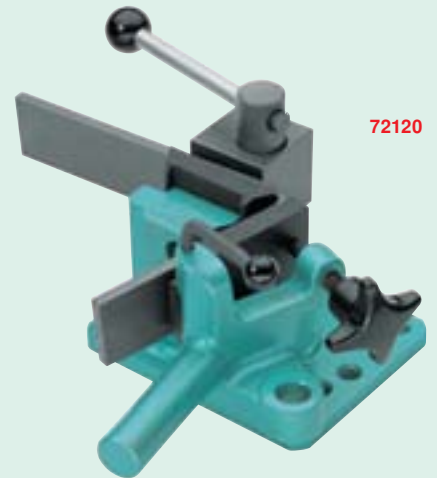
72120 Eccentric bending tool



Type
With self-clamping quick eccentric chucking, bending stop infinitely variable. Bending lever extension (pipe section 1.1/4 inch) not included.
Standard equipment:
Bending tool with standard fixed plate for bending a round (R = 4mm) and a sharp edge, Allen key. Each max. bending capacity refers to material category St37 up to 400N/mm².
Without length stop.

Application
For bending sharp and rounded edges up to 90°.

Note:
The eccentric bending tool is also available with a hand pump or an electro-hydraulic pump with a pressure capacity of 100kN. Please send us your enquiry.



For material width		up to mm	100
▶ cold bending:	flat steel DIN 1017	up to mm	100 x 10 or 65 x 12
	round and square material DIN 1013/14	up to mm	25/22
	angle steel (notched) DIN 1028	up to mm	100 x 10
	Flat copper DIN 1057/DIN 46433	up to mm	100 x 30, R = 25 mm
	f. max. stability class F 25 = 250 N/mm ²		
▶ warm bending:	flat steel DIN 1017	up to mm	100 x 22 or 75 x 25
	round and square material DIN 1013/14	up to mm	30
	angle steel (notched) DIN 1028	up to mm	100 x 20

Base area mm	L x W x H approx. mm	Weight approx. kg	72120	...
220 x 180	370 x 250 x 260	26		501

72600 Hydraulic pipe bending tools



Type
With hinged bending frame, hand-operated. Bends pipes from 3/8 - 2 inch with a pressure capacity of 100 kN.

Note:
Basic unit, installation box included, dies not included. Accessories see cat.-no. 72605.

Application
For cold bending up to 90° of unfilled gas and water pipes DIN 2440/2441.



			72600	...
				102

72605 Grey cast iron bending dies for hydraulic pipe bending tools



Application
For gas and water pipes DIN 2440/2441 up to 90°, black lacquered.

For pipes R inch	Bending radius mm	72605	...
3/8	45		101
1/2	50		102
3/4	75		103
1	100		104
1.1/4	115		105
1.1/2	150		106
2	200		107

