

72030

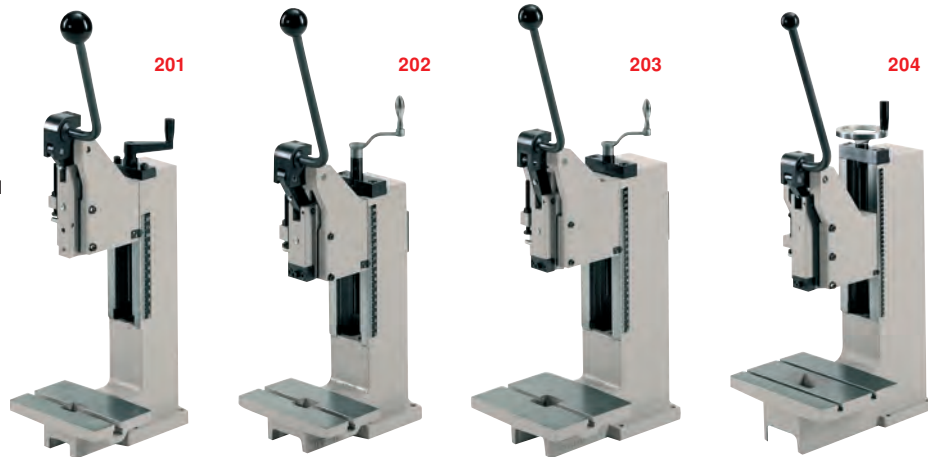
Multi-purpose toggle presses

Type

360° adjustable hand lever, stable cast-iron body with extremely precise, inverted V-guide that runs without play on the press ram. 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 bearing bolts that can be inserted at different points on the knee lever to increase the compressive force.

Note:

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



Technical data:	Type	2,5 kN HKP/V	5 kN HKP/V	8/12 kN HKP/V	8/16 kN HKP/V
max. compressive force only in lower dead centre	approx. kN	8	14	16/20	24/32
max. compressive force at perm. lever tensile force	N	280	320	350/340	420/420
Stroke length max.	mm	0 - 42	0 - 40	0 - 45	0 - 58
Projection	mm	90	90	120	160
Install height	mm	75 - 190	70 - 195	75 - 240	100 - 320
Locating bore ram	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	F	203
8/16 kN HKP/V	F#	204

72035

Mechanical high-performance assembly and broaching presses

Type

Extremely stable and torsion-free welded construction. The shape and cross section are selected in such a manner that all occurring operating loads are safely accommodated. Drive occurs with a 5-spoke hand wheel via a planetary gear on the drive spindle. Thanks to the high transmission ratio, minimal expenditure of force is required on the hand wheel. The guides of the square working spindle are equipped with adjustable strips.

Finish: RAL 7035 light grey.

Use

Especially suited for processing feather key grooves with push-type broaching needles - efficiently and cleanly; but also for pressing bushings and bolts in and out, as well as for mounting of pretensioned assemblies.

Note:

Depth stop with fine adjustment available on request. Suitable push-type broaching needles, see HHW Catalogue Volume 1 (Machining & Clamping Technology) cat.-no. 16880 ff. Suitable cabinet pedestal, see cat.-no. 70036. On request, all machines can also be manufactured in special versions with a larger stroke and larger clearance.



Technical data:	Type	T5
Work spindle, square	mm	55
Locating bore in the work spindle	-	Ø 20 H7
Pressure capacity max.	kN	50
Spindle movement max.	mm	550
Tabletop dimensions	mm	350 x 250
Ø of the rotating table	mm	235
Base area	mm	550 x 350
Total height with extended gear rack	mm	1.650
Weight	kg	195

Type	72035	...
T5	F#	102

72036

Cabinet pedestal for assembly and broaching presses

Type

Cabinet pedestal with one door and an intermediate compartment.

Use

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

72036



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

72120

Eccentric angle bender



Type

With self-clamping quick eccentric chucking, bending stop infinitely adjustable. Bending lever extension (gas pipe section 1.1/4 inch) not included.

Standard equipment:

Angle bender with standard fixed plate for bending a round (R = 4 mm) and a sharp edge, Allen key.

All max. bending capacities are based on material St37 to 400 N/mm².

With length stop.

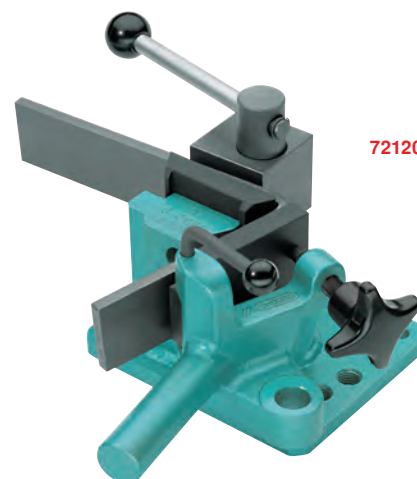
Use

For bending sharp and rounded edges to 90°.

Note:

The eccentric angle bender is also available with manual or electric hydraulic pump 100 kN compressive force. Please send us your enquiry.

72120



For material width		to mm	100
Cold bending:	flat steel DIN 1017	to mm	100 x 10 or 65 x 12
	round and square material DIN 1013/14	to mm	25/22
	angle steel (notched) DIN 1028	to mm	100 x 10
	flat copper DIN 1057/DIN 46433	to mm	100 x 30, R = 25 mm
Warm bending:	f. max. strength class F 25 = 250 N/mm ²		
	flat steel DIN 1017	to mm	100 x 22 or 75 x 25
	round and square material DIN 1013/14	to mm	30
	angle steel (notched) DIN 1028	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	F	501

72600

Hydraulic pipe bending device



Type

With hinged bending frame, hand-operated. Bends pipes 3/8 inch - 2 inches with a compressive force of 100 kN.

Use

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

Note:

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



72600



		72600	...
		F #	102

72605

Grey cast iron bending dies for hydraulic pipe bending devices



Use

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

72605

For pipes R inches	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

