

SCHMIDT® PneumaticPress

Direct Acting with constant Force over the entire Stroke

Features

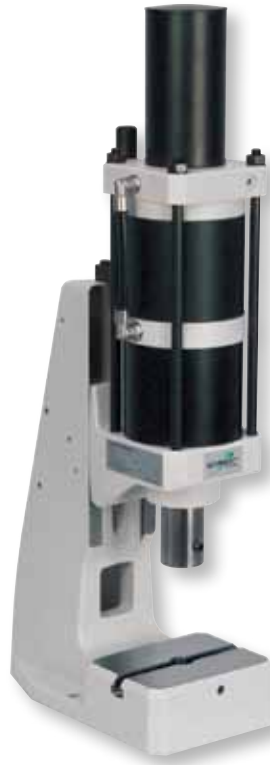
- Round anti-rotational ram
- Adjustable ram position in BDC by means of precision lower stop (1 division line = 0.05 mm) on scale
- T-slot with locking set screw in fixture mounting plate



Press Type 20



Press Type 23



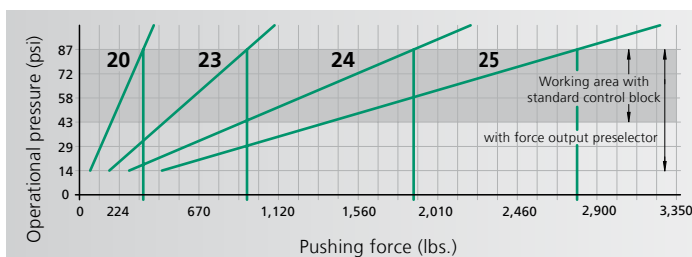
Press Type 24



Press Type 25



Pneumatic Cylinder
with piston and magnet kit
for ram position via cylinder
switch.



From 1,6 kN to 12,5 kN

Press Type			20	23	24	25
Working stroke	A	mm	50, 75 100, 125 160, 200 250, 300	50, 75 100, 125 160, 200 250, 300	50, 75 100, 125 160	50, 75 100
Nominal force at 6 bar		kN	1.6	4.2	8.4	12.5
Throat depth	C	mm	86	86	86	86
Throat depth frame $\circ$		mm	111, 131 160, 200	111, 131 160, 200	111, 131 160, 200	111, 131
Additional fixture mounting plate suitable for throat depth frame			$\circ$	$\circ$	$\circ$	$\circ$
Ram bore	$\varnothing$	mm	20H7	20H7	20H7	20H7
Ram diameter	$\varnothing$	mm	40	40	40	40
Working height	F					
Frame No. 3		mm	80-220	90-210	90-210	90-210
Frame No. 2 $\circ$		mm	110-360	120-350	120-350	120-350
Frame No. 2-600 $\circ$		mm	200-600	210-580	210-580	210-580
Frame No. 2-1000 $\circ$		mm	330-1040	335-1020	335-1020	335-1020
Weight		approx. kg	30	35	40	45
Flange model			20-FL	23-FL	24-FL	25-FL
Cylinder	Z	$\varnothing$ mm	69	106	106	106
Flange	FL	$\varnothing$ mm	110	140	140	140
Width across flats	SW	mm	80	112	112	112
Centering shoulder	ZA	$\varnothing$ mm	60	68	68	68

Frame Overview	Press Type	Frame Height M (mm)	Table Size B x T (mm)	Table Bore $\varnothing$ mm	Table Height K (mm)	Mounting Surface B x L (mm)
No. 3	20, 23, 24, 25	540	150 x 110	20H7	60	150 x 260
No. 2	20, 23, 24, 25	700	185 x 110	20H7	60	185 x 280
No. 2-600 $\circ$	20, 23, 24, 25	810	200 x 160	20H7	98	200 x 290
No. 2-1000 $\circ$	20, 23, 24, 25	1250	200 x 160	20H7	98	200 x 290

Options

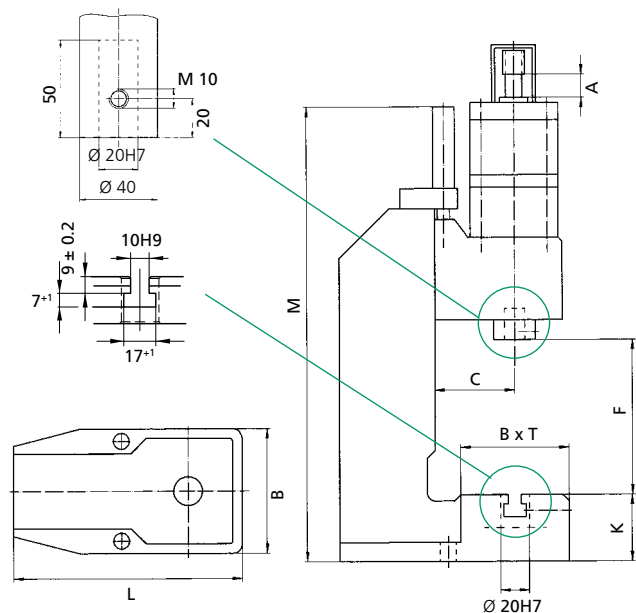
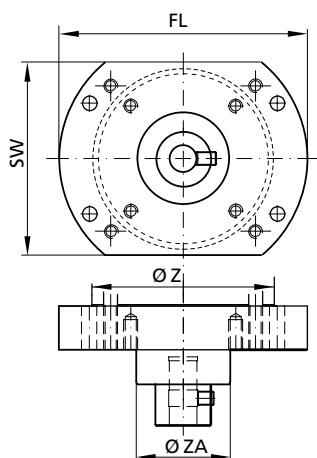
$\circ$ Additional charge applies

Other available Options

- Nickel plated – cast parts are electroless nickel plated, steel components black oxide finished, aluminum anodized, precision steel surfaces are untreated
- Custom Paint – press and column can be painted to customer's color specification
- Bores for adapting tooling – customer specific sizes can be supplied

Bottom View of the Press Head, Flange Model

Mounting drill pattern flange/ram



Please consult our Sales Department or Representative.
Detailed dimensional drawings can be downloaded: www.schmidttechnology.de

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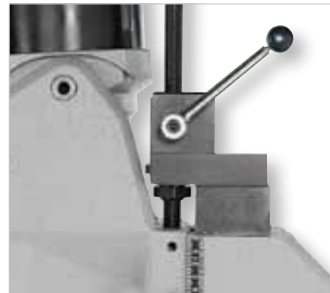
Press Type 27



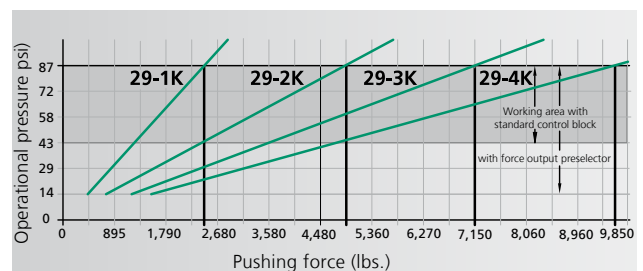
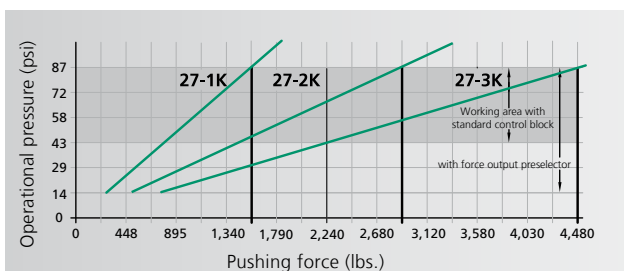
Press Type 29



Precision lower Stop



Height Adjustment
Fast, accurate setting of the work height.



From 7 kN to 43 kN

Press Type			27-1K	27-2K	27-3K	29-1K	29-2K	29-3K	29-4K
Working stroke	A	mm	50, 75, 100 160, 200 250, 300	50, 75 100, 125 160, 200	50, 75 100 , 125 160	50, 75 100, 160 200, 300	50, 75 100, 125 160, 200	50, 75 100 , 125 160	50, 75 100
Nominal force at 6 bar		kN	7	13	20	11	22	32	43
Throat depth	C	mm	131	131	131	140	140	140	140
Throat depth frame o		mm	151	151	151	160, 180	160, 180	160, 180	160
Additional fixture mounting plate suitable for throat depth frame			o	o	o	o	o	o	o
Ram bore	$\emptyset$	mm	20H7	20H7	20H7	20H7	20H7	20H7	20H7
Ram diameter	$\emptyset$	mm	40	40	40	50	50	50	50
Working height			F						
Frame No. 34		mm	90-270	90-270	90-270				
Frame No. 301 o		mm	160-400	160-400	160-400				
Frame No. 301-500 o		mm	310-550	310-550	310-550				
Frame No. 29		mm				80-290	80-290	80-290	80-290
Frame No. 29-500 o		mm				150-500	150-500	150-500	150-500
Frame No. 29-600 o		mm				250-600	250-600	250-600	250-600
Weight (standard)		ca. kg	85	85	85	120	120	120	120
Flange model			27-1K-FL	27-2K-FL	27-3K-FL	29-1K-FL	29-2K-FL	29-3K-FL	29-4K-FL
Cylinder	Z	$\emptyset$ mm	132	132	132	170	170	170	170
Flange	FL	$\emptyset$ mm	180	180	180	220	220	220	220
Width across flats	SW	mm	140	140	140	180	180	180	180
Centering shoulder	ZA	$\emptyset$ mm	68	68	68	80	80	80	80

Frame Overview	Press Type	Frame Height M (mm)	Table Size B x T (mm)	Table Bore D $\emptyset$ mm	Table Height K (mm)	Mounting Surface B x L (mm)
No. 34	27	630	200 x 160	25H7	111	200 x 370
No. 301	27	830	250 x 200	40H7	145	250 x 460
Frame No. 301-500 o	27	990	250 x 200	40H7	145	250 x 480
Special fixture mounting plate with 3 longitudinal slots o			300 x 220 400 x 230	40H7 40H7		
Frame No. 29	29	690	300 x 220	40H7	141	300 x 460
Frame No. 29-500 o	29	990	300 x 220	40H7	166	300 x 540
Frame No. 29-600 o	29	1110	300 x 220	40H7	166	300 x 565
Special fixture mounting plate with 3 longitudinal slots o			355 x 225 400 x 230	40H7 40H7		

Other available Options

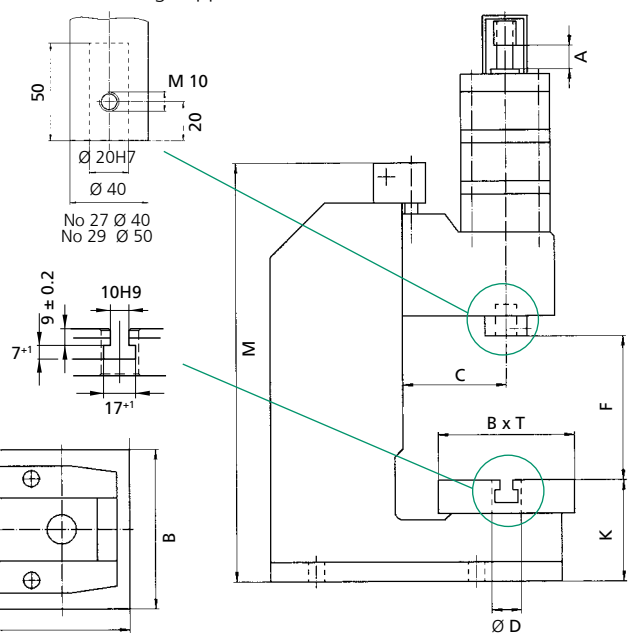
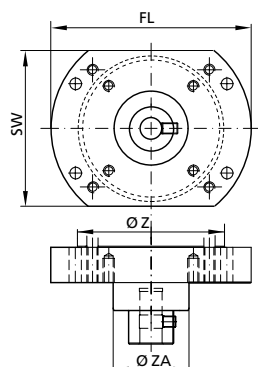
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