

STENHØJ FlexiPress



Standard equipment

- Double-acting cylinder assembly mounted in the press frame
- Adjustment of press bed with the pressing cylinder
- Flanged piston rod end for tool mounting
- Replaceable nose cap
- 2 V-blocks/straightening blocks
- Hand pump or motorised pump unit

Function and operation

■ Manual pump unit

- The hand pump is a 2-stage model, equipped with double piston
- Change-over between low/high pressure and return manually on the reverse valve
- Return movement by means of pressure air, which gives a fast return movement
- The equipment is connected to external compressed air supply

■ Motorised pump unit

- Operation of the press is via a single hand operated control valve allowing for infinite adjustment of the ram speed proportional to the control valve position
- Press force is adjustable

Optional extras

- Press bed
- Laterally movable cylinder
- Press cylinder with increased stroke length
- Motorised pump unit for special applications

Tools/accessories

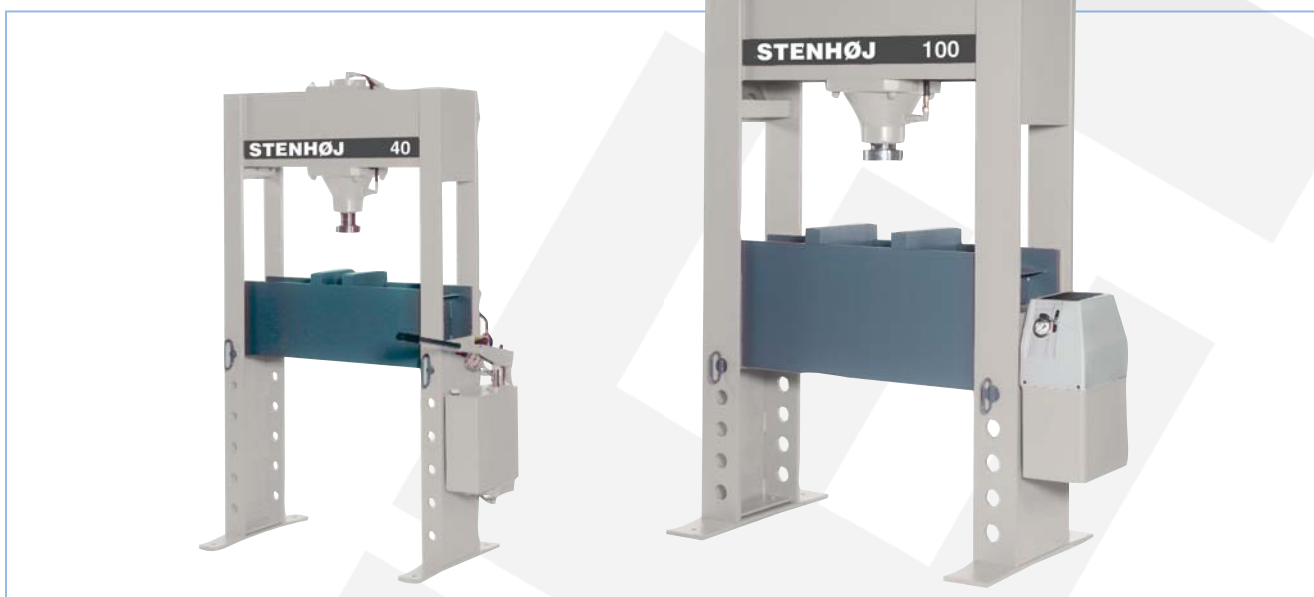
The FlexiPress can, if required, be supplied with tooling for various applications, e.g.

- Assembly/Disassembly
- Embossing
- Tube and Section Bending
- Straightening
- Flanging
- Punching/Blanking
- Broaching
- Crimping for winch assembly

FlexiPress Models

- 16t – 400 t

Built in accordance with the latest EC regulations and CE labelled.



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FlexiPress excl. pump unit										
Model			FP16	FP25	FP40	FP60	FP100	FP125	FP150	FP200
Pressing force, max.		kN	160	250	400	600	1000	1250	1500	2000
Stroke		mm	300	300	300	300	300	300	400	400
Daylight, min.	A	mm	80	150	175	200	230	300	300	300
Daylight, max.	B	mm	830	775	800	700	730	800	750	750
Table width between verticals	C	mm	640	740	850	1010	1080	1080	1150	1150
Frame width	D	mm	780	920	1030	1270	1440	1440	1510	1550
Clearance between verticals	F	mm	130	160	245	290	360	360	410	460
Max. floor space	H	mm	560	580	610	760	800	800	970	1040
Overall height	K	mm	1800	1820	1880	2000	2280	2280	2500	2500
Bed height, max.	L	mm	1100	1060	1100	1060	1190	1190	1230	1230
Press bed adjustment	M	mm	6x125	6x125	5x125	4x125	4x125	4x125	3x150	3x150
Lateral movement of cyl. (optional)	P	mm	225	255	275	330	340*	340*	350*	320*
Nose cap	S	Ømm	50	60	65	85	100	-	-	-
Hole pitch, press flange	T	mm	68	78	86	110	130	150	210	240
Hole diameter, press flange	U	mm	2xØ9	2xØ9	2xØ11	2xØ13	2xØ17	4xØ21	8xØ21	8xØ21
Thickness, press flange	V	mm	20	25	30	40	45	45	55	55
Diameter, press flange	X	Ømm	86	98	108	134	160	190	250	280
Weight		kg	180	250	450	750	1200	1400	1600	2100

Hand pump unit for FlexiPress										
Model			16H	25H	40H	60H	100H			
Width	O ₁	mm	150	180	180	180	180			
Piston travel/pump stroke, LP/HP		mm	7,5/1,1	11/1,5	7/1	4,4/0,6	3/0,4			
Return force at 5 bar air pressure		kN	1	2,5	4,5	7	11			
Oil reservoir capacity		liter	2	14	14	14	14			

Motorized pump unit for FlexiPress										
Model			16M	25M	40M	60M	100M	125M	150M	200M
Width	O ₂	mm	280	280	280	280	280	280	280	280
Pressing speed, LP/HP		mm/s	10/10	10/10	9/9	10/5	8/3	9/4	10/4	10/3
Return speed		mm/s	19	16	13	14	11	12	23	20
Return force, max.		kN	30	30	30	30	30	150	200	200
Motor power 3x400V, 50 Hz		kW	2,5	2,5	2,5	2,5	2,5	2,5	3,0	3,0
Oil reservoir capacity		liter	25	25	25	25	25	25	35	35

Optional Extras for FlexiPress

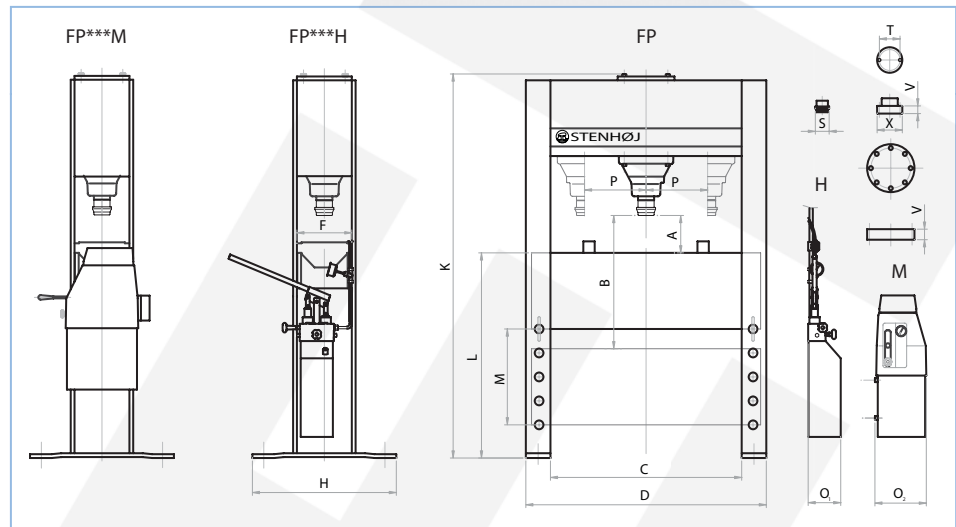
- A: T-slotted press bed mounted on press table
- B: Laterally movable cylinder
- C: Increased stroke length on press cylinder
- D: Motorized power unit with special specifications

Example of order code:

FlexiPress model FP40M-A-B
 Motorized power unit/Press bed/
 Laterally movable cylinder

*) Reduced permissible max. press force in extreme position

Subject to changes without notice.



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