

▼ Shown from left to right: A220, A330, A310



C-Clamp Presses

- 5, 10 and 20 ton capacity
- Operational in all positions.

Arbor Presses

- 10 and 30 ton capacity
- Foot mounting holes for horizontal or vertical positioning
- Machined working surfaces for easier fixturing
- Slotted back to simplify loading and unloading of longer parts.

VLP-Series Bench Presses

- 10 ton press with hand pump or air pump, cylinder, hose, gauge and gauge adaptor.



Shown: VLP106P142 ►

The Standard Workshop Tools



Push Pin A183

For applications requiring precision pressing, such as shaft removal and insertion. This attachment fits 10 ton cylinders and requires the use of a threaded adaptor saddle (A13).

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Smooth Saddle A185

For pressing applications of delicate parts, such as aluminium castings, this saddle (see item 11 on page 183) decreases surface marks during the pressing application. Requires 10 ton cylinder and threaded adaptor saddle (A13).



Optional V-Blocks

To facilitate positioning of pipes and bars, or placed upside-down, to serve as a convenient worktable. Each modelnr includes 2x V-block.

To be used with press model	V-Blocks Modelnr.
10 ton VLP-Bench Presses	VB10



IMPORTANT! For high-cycle production applications, the C-Clamp and Arbor presses should be limited to 50% of their capacity.

▼ A310 Arbor Press



▼ SELECTION CHART

Press Type	Press Capacity ton (kN)	Maximum Vertical Daylight (mm)	Maximum Bed Width (mm)	Press Model Number	Recommended cylinder * must be ordered separately ** Must be limited to 20 ton.	Page:
C-Clamp	5 (45)	165	51	A205	5 ton RC-cylinder *	6
	10 (101)	228	57	A210	10 ton RC-cylinder *	6
	20 (178)	305	69	A220	25 ton RC-cylinder **	6
Arbor	10 (101)	230	135	A310	10 ton RC-cylinder *	6
	30 (295)	254	178	A330	RC308 *	6

Press Capacity ton (kN)	Maximum Daylight (mm)		Bench Press Model Number	Power Source included			Cylinder included			
	Vertical	Horizontal		Pump Type Man. Air	Pump Model Nr.	Page:	Stroke (mm)	Cylinder Model Nr.	Page:	
10 (101)	430	435	VLP106P142	●		P142	76	156	RC106	6
	430	435	VLP106PAT1		●	PATG1102N	112	156	RC106	6

C-Clamps, Arbor and Bench Presses



▲ RC308 cylinder mounted in A330 Arbor Press powered by a PATG-Turbo Air pump for controlled pressing of bearings for sprockets of weaving machines. The V152 Pressure Relief Valve controls the pressing force.

A VLP Series



Capacity:
5 - 30 ton

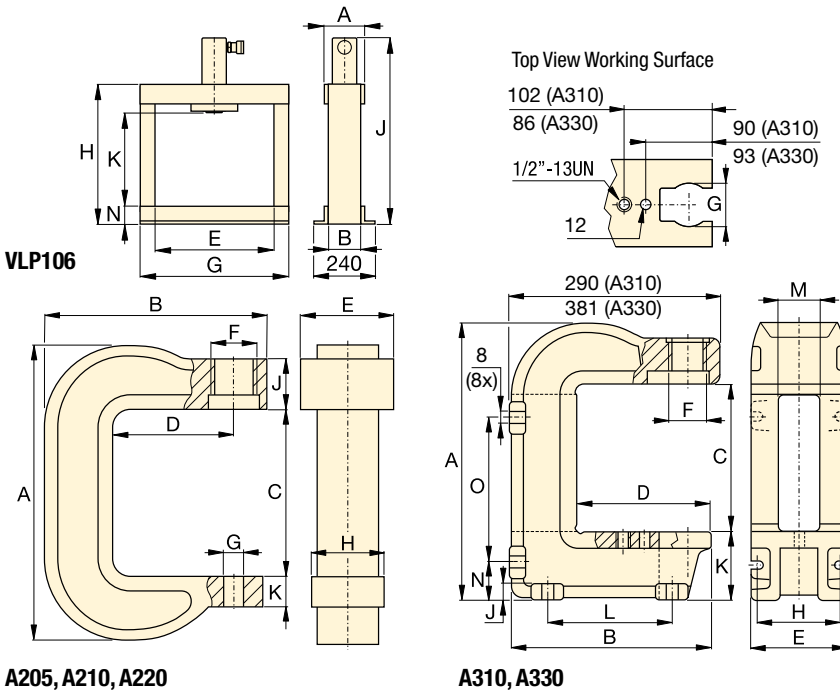
Maximum Daylight x Width:
430 x 435 mm

Maximum Operating Pressure:
700 bar





Pumps and Cylinders

Pump, cylinder, hose, gauge and gauge adaptor for C-Clamps and Arbor Presses must be ordered separately.



▲ VB10 V-Blocks are used in this VLP106P142 bench press to bend flat steel bar. The hydraulic pressure can be checked with the gauge.

Press Dimensions (mm)																Press Model Number
A	B	C	D	E	F	G	H	J	K	L	M	N	O	(kg)		
291	203	165	95	73	1½" -16 UNS	26	51	66	25	-	-	-	-	7	A205	
406	283	228	152	83	2¼" -14 UNS	26	76	64	41	-	-	-	-	17	A210	
540	346	305	152	121	3⅝" -12 UNS	26	95	70	44	-	-	-	-	38	A220	
414	281	230	184	151	2¼" -14 UNS	63	122	19	95	175	65	54	219	28	A310	
563	356	254	188	178	3⅝" -12 UNS	63	140	28	168	203	67	99	276	100	A330	

Speed (mm/s) **		Dimensions (mm)											Bench Press Model Number
Rapid Advance	Pressing	A	B	E	G	H	J	K	N	(kg)			
{2,5} **	{0,6} **	110	80	435	542	620	748	430	80	49	VLP106P142		
10,0	1,8	110	80	435	542	620	748	430	80	54	VLP106PAT1		

** {...} = advance speed in mm per handpump stroke.