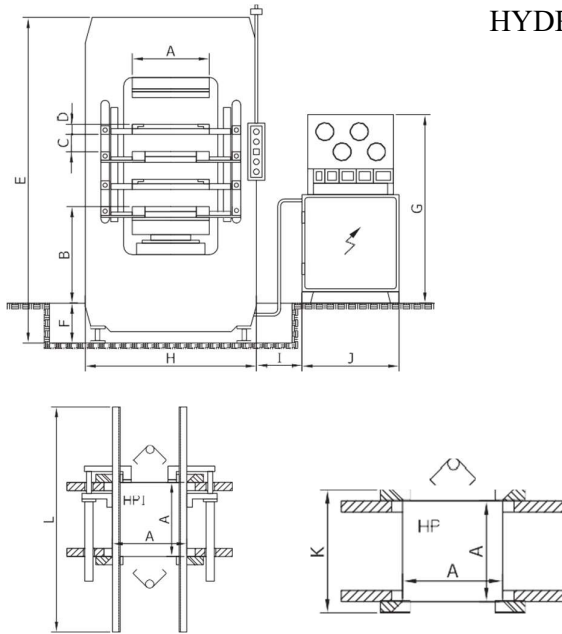




HYDRAULIC PRESSES, TYPE HP



PURPOSE AND DESCRIPTION

These presses are used for the production of different technical products by vulcanization in molds. The basic design of the presses is a frame type with a hydraulic cylinder placed from the top. The hydraulic drive unit consist of: tank, pumps for low and high pressure and the complete necessary measuring and controlling instruments electrical equipment consists of: electrical cabinet, control box and all the necessary measuring and controlling instruments. The heating platens can be heated with:

- dry saturated steam (8bar / 170°C) with manual, or at request automatic, regulation
- electric heaters with automatic regulation

The control of the presses is:

- manual, only for adjustments
- semi-automatic, programs with maximum four degassing

MEASURES TYPE	A	B	C	D	E	F	G	H	I	J	K	HPI	
												L	D
HP 100.40.2	400	800	250	45	1900	0	1250	1020	200	600	500	1200	60
HPI 100.40.4	400	800	125	45	1900	0	1250	1020	200	600	500	1200	60
HP 150.50.2	500	850	250	45	1950	0	1250	1120	200	600	500	1500	60
HPI 150.50.4	500	850	125	45	2040	0	1250	1120	200	600	500	1500	60
HP 150.63.2	630	900	250	50	1950	0	1250	1250	200	600	730	1890	70
HPI 150.63.4	630	900	125	50	2040	0	1250	1250	200	600	730	1890	70
HP 250.50.2	500	900	250	45	2100	0	1350	1200	300	600	600	1500	60
HPI 250.50.4	500	900	125	45	2190	0	1350	1200	300	600	600	1500	60
HP 250.63.2	630	1000	250	50	2200	0	1350	1330	300	600	730	1890	70
HPI 250.63.4	630	1000	125	50	2300	0	1350	1330	300	600	730	1890	70
HP 400.63.2	630	800	250	50	2600	400	1500	1530	300	700	730	1890	70
HPI 400.63.4	630	800	125	50	2700	400	1500	1530	300	700	730	1890	70
HP 400.80.2	800	800	300	55	2900	500	1500	1700	300	700	900	2400	75
HPI 400.80.4	800	800	150	55	3010	500	1500	1700	300	700	900	2400	75
HP 600.80.2	800	800	300	55	3200	600	1700	1850	400	700	900	2400	75
HPI 600.80.4	800	800	150	55	3310	600	1700	1850	400	700	900	2400	75
HP 600.100.2	1000	800	300	60	3400	700	1700	2050	400	700	1100	3000	85
HPI 600.100.4	1000	800	150	60	3520	700	1700	2050	400	700	1100	3000	85
HP 1000.100.2	1000	800	300	60	3600	900	2000	2200	400	800	1100	3000	85
HPI 1000.100.4	1000	800	150	60	3720	900	2000	2200	400	800	1100	3000	85



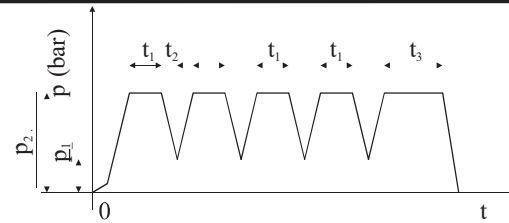
Standard press types are with (HPI) or without mold extracting (HP).

Mold extraction is simultaneous, with even molds extracting towards one side, and odd molds to the other.

The presses can be delivered individually or as a set of 3 presses (3HP or 3HPI).

Press batteries have common hydraulic drive unit with separate programming for each press..

Except the mentioned standard press types, we make presses on special request as well.



p_1 - degassing pressure
 p_2 - pressure of pressing
 t_1 - interval between two degassings (1,5 ÷ 150)s
 t_2 - degassing time (0,1 ÷ 5)s
 t_3 - pressing time (1,5 ÷ 2000) s
 ... On special request

69.23/10.4.1 L2/2

Technical data:		TYPE	HP 100 HPI 100	HP 150 HPI 150		HP 250 HPI 250		HP 400 HPI 400		HP 600 HPI 600		HP 1000 HPI 1000		HP 1600 HPI 1600
Maximal pressing force	kN		990	1550	1550	2530	2530	3960	3960	6180	6180	9820	9820	15830
Heating plates size "A"	mm		400 x 400	500 x 500	630 x 630	500 x 500	630 x 630	630 x 630	800 x 800	800 x 800	1000 x 1000	1000 x 1000	1250 x 1250	250 x 1250
Number of daylight	kom		2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4	2 / 4
Daylight "C"	mm		250 / 125	250 / 125	250 / 125	250 / 125	250 / 125	250 / 125	300 / 150	300 / 150	300 / 150	300 / 150	300 / 150	300 / 150
Maximal pressing pressure	N/cm ²		620	620	390	1000	640	1000	620	965	620	980	630	1010
Piston stroke	mm		500	500	500	500	500	500	600	600	600	600	600	600
Closing speed	mm/s		30	20	20	25	25	30	30	30	30	30	30	30
Pressing speed	mm/s		1,4	1,3	1,3	1,3	1,3	0,8	0,8	0,8	0,8	1,0	1,0	0,65
Electro heaters power	kW		6 / 10	9 / 15	15 / 25	9 / 15	15 / 25	15 / 25	27 / 45	27 / 45	42 / 70	42 / 70	66 / 110	66 / 110
Hydraulic drive power	HP/HPI	kW	2,2 / 3,3	3,0 / 4,1	3,0 / 4,1	5,5 / 6,6	5,5 / 6,6	8,0 / 9,1	8,0 / 9,1	11,5 / 13,7	11,5 / 13,7	16,5 / 18,7	16,5 / 18,7	16,5 / 18,7
Press weight	~	kg	1600	2300	3100	4550	4800	5950	7300	10700	12000	18900	19800	26300

On special request.