

Robust, strong and durable

Hydraulic Hot Press EXPERT

(...with many details crucial for your advantage)

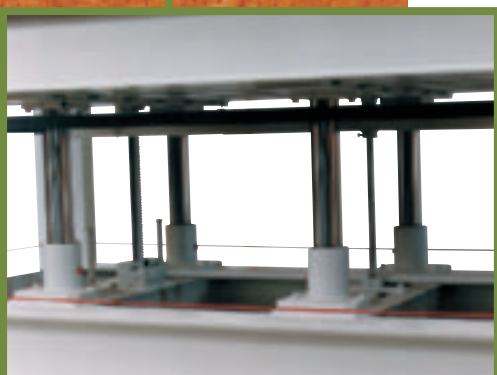


Construction

Solid steel beams make up the supporting construction. Press-table and upper press part, as well as the supporting unit for the cylinders have been planed parallel with absolute precision. The largest possible contact surface for the heating plates guarantees the best possible pressing results. The remaining open space provides sufficient ventilation of the heating plates.

Piston and cylinders

Optimal prismatic guiding of the press-table is given, resulting from the combination of a gear-rack balance and the manner in which the cylinders and the pistons have been fastened to the bracing structure of the machine. The arrangements of the teflon-bronze guides and the seals prevent the seizing of the pistons. This protects the pistons and keeps them running well throughout many years.



Hydraulic Hot Press Modell EXPERT H 120 S

with the following additional equipment:

- VKS safety device against canting
- extendable roller support

Your HÖFER-advantage package

- precise workmanship, both technically and with respect to design
- open on all four sides
- push button control
- table movement secure in both directions
- automatic pressure switching device
- heavy-duty gear rack balance

- ideal working height
- lockable main switch
- maintenance-free hydraulic pump
- automated pressing time and opening sequence
- infinitely variable stroke limitation

Upon request

- safety device preventing workpiece double-up
- shut-off valve for unused cylinders (paired)
- extendable roller support
- multiple daylight assembly
- anodized heating plates
- conduit heating plates for heating fluid
- drilled steel heating plates
- special design upon customers' requirements



Operating console

The ergonomically placed, state-of-the-art control elements provide highest possible operating comfort and safety. The gauges for temperature and pressure, as well as the selector switches and indicator lamps have been clearly arranged.

HÖFER -Thermostable- electric heating plates

guarantee high quality pressing results with short pre-heating time. The efficient insulation system reduces energy consumption. The restrictive circuit helps prevent peak currents. Due to the unique arrangement of the heating elements, faulty glueing does not occur during loss of phase.



Quality is our Policy

In thousands of workshops and industrial factories throughout the past decades, **HÖFER** presses have proven to be reliable acquisitions. The **HÖFER** presses are known for their generously dimensioned longitudinal bracing construction. In connection with sturdy cross-bars, this construction provides an optimum on rigidity of the press table and upper part, both lengthwise and crosswise. In addition, welded steel plates between the longitudinal beams prevent narrow workpieces from falling through. This construction achieves an almost 90 % contact surface for the heating plates.

Other machines in hydraulic press program: through-feed press model HKP and HKPL, solid timber press model MHP, downstroke presses, special designs according to customers' specifications.

TECHNICAL DATA	H 50	H 70L	H 70S	H 100	H 100S	H 120	H 120S	H 160	H 160S	H 200
Total pressure force [to]	50	70	70	100	100	120	120	160	160	200
Platen length [mm]	2200	2500	2500	2500	2750	2750	3000	3000	3300	3500
Platen width [mm]	1100	1100	1300	1300	1350	1350	1350	1350	1350	1350
Spec. pressure [kg/cm ²] (max. allowed)	5,0	5,0	5,0	5,0	5,0	6,0	6,0	6,0	6,0	6,0
Number of cylinders	4	4	4	6	6	6	6	8	8	10
Piston diameter [mm]	85	85	85	85	85	85	85	85	85	85
Max. opening/stroke [mm]	400	400	400	400	400	400	400	400	400	400
Closing time, approx. [sec.]	16	16	16	16	16	16	16	16	16	16
Heat-up time to 80°C [min.] (from room temperature, approx.)	14	14	14	14	14	14	14	14	14	14
Operating temperature [°C] (max. allowed)	140	140	140	140	140	140	140	140	140	140
Total weight [kg]	2500	3000	3500	4600	5000	5400	6200	7000	7600	8200
Space requirement L [mm]	2610	2910	2910	3000	3250	3250	3500	3650	3950	4150
W	1340	1340	1540	1560	1610	1610	1610	1650	1650	1650
H	1720	1720	1720	1820	1850	1850	2000	2040	2040	2040
Total connecting load [kW]	12,3	15,1	16,7	16,7	17,9	17,9	20,1	21,2	23,4	24,0
Restrictive circuit [kW]	6,7	8,1	8,9	8,9	9,5	9,5	10,6	11,7	12,8	13,1
Hydraulic capacity [kW]	1,1	1,1	1,1	1,1	1,1	1,1	1,1	2,2	2,2	2,2
Brakers [Amp.]	25	25	35	35	35	35	35	35	50	50

Note: Because of our policy continually improving HÖFER products, technical data and specifications contained herewith are not to be regarded as binding as a generally correct representation of our products



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