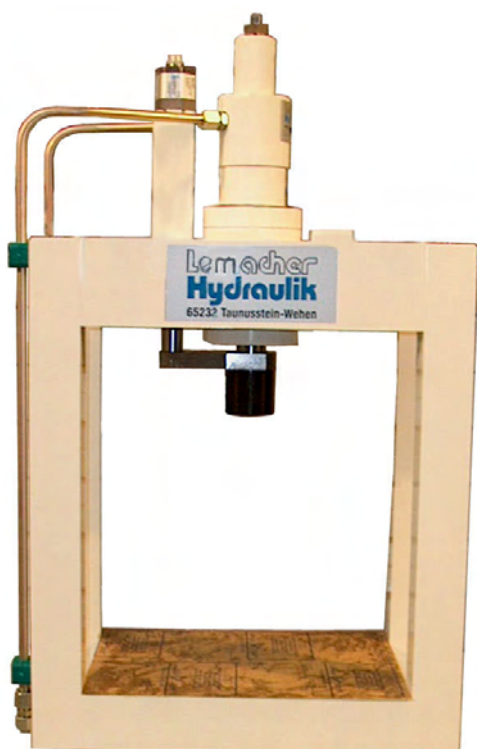


# Hydraulic-Table press



**A rewarding investment for  
Metal and polymer processing**

# Hydraulic-Table press

Hydraulic table press with HYDROQUICK®-fast stroke cylinder  
in various explanations.  
Problem solving solutions in the press design.



*Digital path measurement system*  
for the exact positioning

*Safety light curtain*  
class 4

*Ball Bearing Rails*  
for the play free guide of the pestle plate

*HYDROQUICK®*  
Quick-acting hydraulic cylinder with depth stop

*Input device*  
for adjusting the presses parameters

*Pestle plate*  
with T-slots or alternative with pestle head and  
pestle bore

*Control cabinet*  
with SPS control

*Hydraulics unit*  
on the press back side

*Leveling Mounts*  
to level the press

**Lemacher Hydraulik**  
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# Lemacher hydraulic table presses with HYDROQUICK® - Fast Stroke cylinder

**Energy-saving, maximum performance on smallest space**

- Steel frame table with screwed-on rigid steel press frame, HYDROQUICK® – Quick stroke Cylinder, with plunger retainer plate and plunger bushing, linear ball bearing guides and digital positioning system. No fault SPS control module
- The switch point for fast speed, work stroke and fast reverse as well as pressure and speed are separate saved as needed for operator- und automatic mode
- Dynamic optimized movement of the plunger
- Low noise power unit because of small gear pump
- The Press can be integrated in existing Workflow or as single place solution with light curtain or two hand operator

Utilization:

Punching, Bending, Deep drawing, riveting.

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# Type overview

Technical data	HT 0040	HT 063	HT 0080	HT 0100	HT 0160	HT 0250	HT 0330	HT 0400	HT 0600
Max. Press force KN	43	68	83	110	172	248	335	441	689
Standard piston stroke	100	100	100	100	100	125	150	200	250
Mounting height D	250	250	250	250	250	320	370	370	370
Table deep E	300	300	300	300	400	400	400	400	400
Table width K	245	245	245	295	450	450	450	450	450
Piston $\varnothing$	50	63	70	80	100	120	140	160	200
Mounting cone DIN 9859	16 <sup>H7</sup>	16 <sup>H7</sup>	20 <sup>H7</sup>	25 <sup>H7</sup>	25 <sup>H7</sup>	32 <sup>H7</sup>	40 <sup>H7</sup>	40 <sup>H7</sup>	50 <sup>H7</sup>
T-slots size in table N. DIN 650	12	12	12	14	14	18	18	18	18
Hose thread	G 1/4"	G 3/8"	G 3/8"	G 1/2"	G 1/2"	G 3/4"	G 1"	G 1"	G 1 1/4"
Eilvorlaufgeschwindigkeit mm/s	318,3	441,7	348,3	283,3	173,3	253,3	203,3	141,7	90,0
Working stroke speed mm/s	60,7	73,3	60,0	45,0	28,3	40,0	30,0	23,3	15,0
Return speed mm/s	380,0	471,7	378,3	308,3	200,0	278,3	211,7	156,7	100,0
Power consumption in kW	2,2	3	3	3	3	11	11	11	11
Oil capacity l/min	6	12	12	12	12	24	24	24	24
Oil tank contents	44	44	44	44	44	70	70	70	70
A max.	770	820	950	870	920	1120	1290	1390	1430
B	800	800	800	800	800	1000	1000	1000	1000
C	50	50	50	60	50	60	70	80	80
F	210	210	210	210	210	250	250	250	250
G	420	420	420	420	465	560	590	600	600
H	760	760	760	760	760	850	850	850	850
I	600	600	600	600	600	800	800	800	800

Left to changes

## Lemacher Hydraulik

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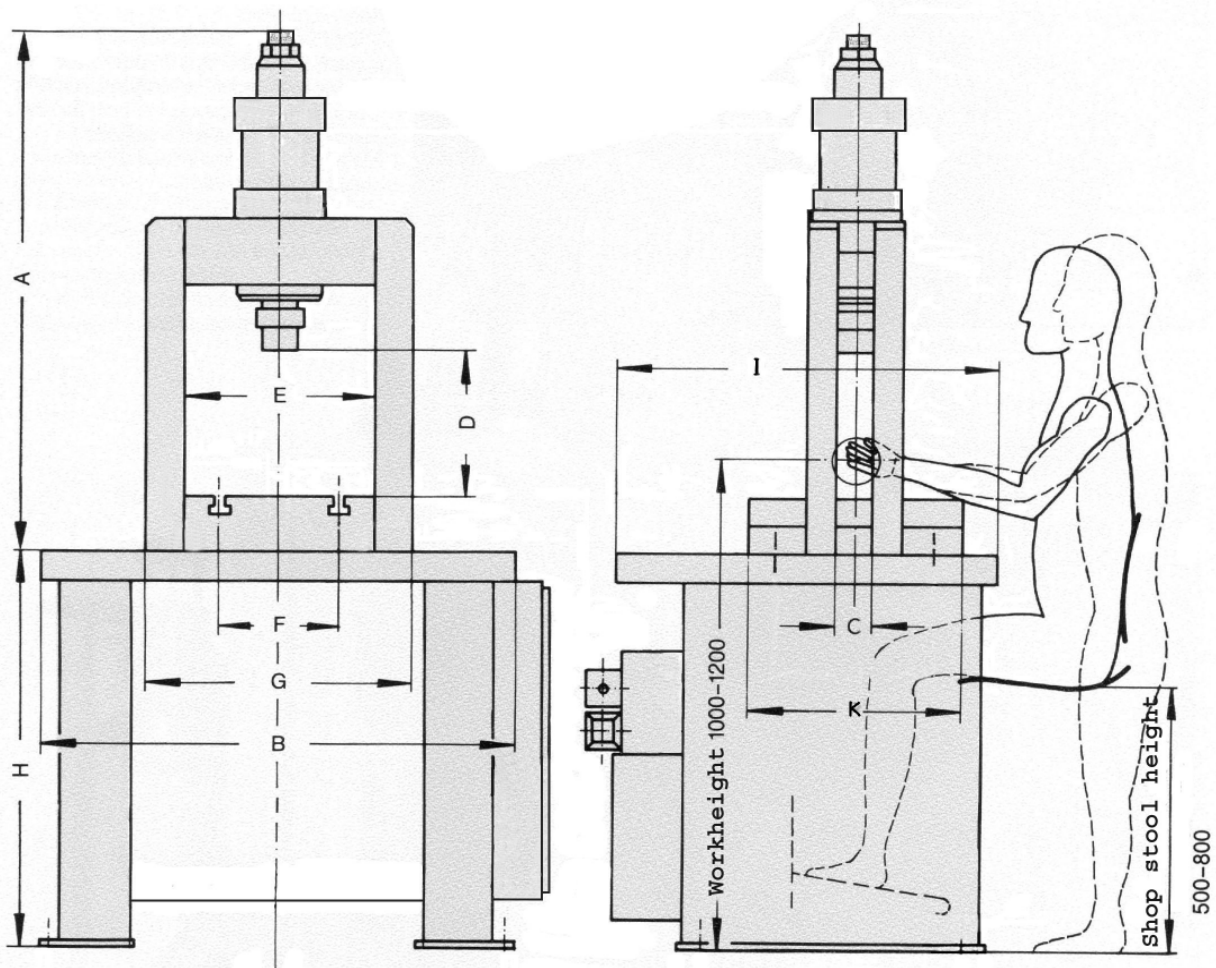
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Type	Piston Ø	Standard piston stroke	Deep demarcation adjustable	A+B	Work area cm <sup>2</sup>	Fast forward area cm <sup>2</sup>	Fast reverse area cm <sup>2</sup>	Work force kN	Fast forward force kN	Fast reverse force kN
HQ 4	50	100	75 – 100	G ¼"	17,3	3,13	2,63	43	7,8	6,5
HQ 6,3	63	100	70 – 100	G ⅜"	27,3	4,52	4,24	68	11,3	10,6
HQ 8	70	100	70 – 100	G ⅜"	33,5	5,73	5,27	83	14,3	13,1
HQ 10	80	100	70 – 100	G ½"	44,1	7,07	6,41	110	17,6	16,0
HQ 16	100	100	70 – 100	G ½"	68,9	11,54	10,01	172	28,8	25,0
HQ 25	120	125	90 – 125	G ¾"	99,2	15,90	14,42	248	39,7	36,0
HQ 33	140	150	110 – 150	G 1"	134,3	18,28	18,80	335	46,0	47,1
HQ 40	160	200	150 – 200	G 1"	176,4	28,27	25,63	441	70,6	64,0
HQ 63	200	250	190 – 250	G1 ¼"	275,6	44,18	40,06	689	110,4	100,1



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