

HCL PRESS FOR LIGHTWEIGHT MATERIALS



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Hydraulic press for **composites forming**.
This new concept advantages:

- Rapid Closing Speed of the Slide
- Short Pressure Build up Time of the Forming Cylinders
- Reduced Energy Consumption
- Reduced Height of the Press
- Integrated Parallelism Control
- Bolster Deformation Control

Type	HCL		600	1000	1500	2000	2500	3000	3600
Force									
	Clamp Force	kN	6.000	10.000	15.000	20.000	25.000	30.000	36.000
Dimensions									
	Bolster Dimensions	mm	2.000 x 1.400 2.400 x 1.600 2.800 x 1.800						
			2.000 x 1.400	2.400 x 1.600	2.800 x 1.800	3.200 x 2.200	3.200 x 2.200	3.200 x 2.200	3.200 x 2.200
			2.400 x 1.600	2.800 x 1.800	3.200 x 2.200	3.600 x 2.400	3.600 x 2.400	3.600 x 2.400	3.600 x 2.400
	Daylight	mm	1.600 (2.000)	2.000 (2.400)	2.400 (2.800)	2.400 (2.800)	2.600 (3.000)	2.600 (3.000)	2.600 (3.000)
	Opening Stroke	mm	1.000 (1.400)	1.400 (1.800)	1.600 (2.000)	1.600 (2.000)	1.800 (2.200)	1.800 (2.200)	2.000 (2.400)
	Compression Stroke	mm	50 (300)	50 (300)	50 (300)	50 (300)	50 (300)	50 (300)	50 (300)
Speeds									
	Closing Speed	mm/s	400 (1000)	400 (1000)	400 (1000)	400 (1000)	400 (1000)	400 (1000)	400 (1000)
	Pressing	mm/s	1-25 (1-80)	1-25 (1-80)	1-25 (1-80)	1-25 (1-80)	1-25 (1-80)	1-25 (1-80)	1-25 (1-80)
	Opening Speed	mm/s	300 (800)	300 (800)	300 (800)	300 (800)	300 (800)	300 (800)	300 (800)