

C SERIES COMPRESSION PRESS



**OPERATOR TOUCH SCREEN
INTERFACE**

COMPRESSION PRESSES ARE AVAILABLE FROM 15 TO 800* TONS CLAMP FORCE

PRECISE CYCLE CONTROL ASSURES HIGH YIELD, CONSISTENT QUALITY

A PLC based control system allows easy setup of custom cycles. Auto Position Set buttons, allow for quick mold setup, and once mold parameters are set, they can be easily reloaded with the touch of a button.

To protect expensive molds, high

speed closing cuts off near the end of the stroke, and the clamp switches to slow speed closing. Ideally suited for rubber, plastic, laminates and composites.

Standard Controls include PID temperature controllers, built into the PLC, and accessible through

the touch screen interface. These controllers provide accurate temperature control of multiple heat zones.

Free-standing and console designs are available.

** Larger sizes up to 2000 tons can be quoted upon request.*

**Hull
Industries Inc**

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PRESS MODEL	C/15	C/50	C/90	C/140	C/200	C/250	C/400	C/800
CLAMP TONNAGE	15	50	90	140	200	250	400	800
CLAMP STROKE (IN.)	7	10	12	14	14	14	18	18
EJECTOR STROKE (IN.) MECH	0-1.5	0-3	0-3	0-3	0-3	0-3	0-3.5	0-3
DAYLIGHT (IN.)	18	26	28	30	32	32	38	40
TIE-ROD SPACING, (L-R)	15	22.25	24.75	26.5	33	33	48.25	48.25
TIE-ROD SPACING, (F-B)	7	14.25	17.25	17	24	24	19	19
PLATEN, (L-R)	20	28.5	32	35	43	43	62	66
PLATEN, (F-B)	12	22	25	26	34	34	34	42
MINIMUM MOLD HEIGHT	11	16	16	16	18	18	20	22
HEIGHT TO PLATEN	37	37	37	39	39	39	45.25	45.25
FLOOR SPACE L-R, F-B	28x56	41x67	48x71	49x71	52x90	52x90	70x80	118x80
OVERALL HEIGHT	74	85	89	93	103	103	108	94
SHIPPING WEIGHT (LBS.)	3000	4500	8000	9500	12000	13500	30000	40000
MOTOR HP	5	5	7.5	10	15	15	25	50
HEATER POWER (PER PLATEN) KW	2	4	4	7.5	7.5	7.5	10	16
OIL CAPACITY (GAL.)	35	35	70	80	90	90	200	250
WATER CONNECTIONS NPT	-	-	1/2	1/2	1/2	1/2	1/2	1/2
CLAMP, FAST CLOSE IN./MIN.	220	246	470	385	556	482	500	720
PRESSING IN./MIN.	86	0-40	0-13	0-16	0-18	0-15	0-30	0-30
RETRACT IN./MIN.	141	328	405	542	784	728	680	720

Specifications subject to change. Specifications can be modified for specific application requirements.

SUPERIOR DESIGN AND CONSTRUCTION FOR DURABILITY AND RELIABLE PERFORMANCE

C Series presses feature the heavy duty construction and high quality materials characteristic of all *Hull Industries Inc.* products. Features include chrome plated tie rods and heavy duty platens that prevent deflection to

assure precise molding to close-tolerance requirements. Special design features include a soft-close clamping mechanism that automatically changes clamp speed at a variable pre-set position and closes under

low hydraulic pressure. Soft clamping protects your investment in expensive mold and loading fixtures.

Proportional pressure and speed control are available.

INTEGRATE YOUR MOLDING OPERATIONS WITH COMPATIBLE AUXILIARY EQUIPMENT

Hull Industries Inc. provides a complete line of auxiliary equipment for integrated compression molding operations.

- **Electrically Heated Universal Platens**

Ruggedly constructed platen sets are equipped with cable, insulation, and eight mold clamps. Special platens available.

- **High Frequency Pre-Heaters**

Provide uniform preheating of materials in large or small amounts, regardless of variations in density or particle size.

- **Preformers**

Compact bulk material into cylindrical shape for efficient handling and loading into press.

- **Vacuum Molding Attachments**

Wheeled self-contained units can be moved easily to serve many press needs.

- **Molds and Accessories**

Production and semi-production molds and hand molds for dry and liquid thermo-

setting resin. Test molds include universal mold set, mesa flow, and spiral flow.

- **Deflashing Equipment**

Hull Industries Inc. designs and manufactures a complete line of deflashing equipment for the most demanding applications. Models include portable, caster-mounted units and low-profile systems for in-line deflashing.

LABORATORY AND PRODUCT DEVELOPMENT

Hull Industries Inc. fully equipped lab and knowledgeable specialists provide assistance to customers in materi-

als evaluation, product and process development. Mold design and trial molding services help you find solu-

tions before committing to an equipment investment.

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