

T SERIES TRANSFER MOLDING PRESS



A PLC with I/O expandability monitors press functions and speed setup.



Typical transfer molded parts require precision and repeatability.



A transfer shuttle press is one of many designs offered by *Hull Industries Inc.*

MANUFACTURING FLEXIBILITY TEAMS WITH PRECISION CONTROL

T Series transfer presses offer the optimum combination of manufacturing flexibility and precision control. Ideal for precise, highly repeatable molding, they accommodate small, intricate shapes, including parts with thin walls, fragile inserts and close-tolerance buildup dimensions.

Available in standard models from 6 tons to 250 tons, presses and auxiliary equipment can also be custom-engineered to your materials, process and production requirements. High output, high yield presses are designed with small footprints across all models.

CONSISTENT QUALITY, HIGH PRODUCTIVITY

T Series transfer presses are equipped with PLCs as a standard feature. The optional Smart-Mold™ system provides fully automatic closed loop control. Both assure consistent, high quality molding and high productivity.

Standard open-loop controls minimize operator intervention and provide consistent repeatability by controlling clamp position and time intervals in press operations. Controls are available with a wide variety of interfaces to expand or modify job parameters.

**Hull
Industries Inc**

7 Britain Drive
New Britain, PA 18901
Phone: 215.230.4260
Fax: 215.230.4261
www.hullindustries.com

PRESS MODEL	T/6	T/15	T/50	T/90	T/140	T/200	T/250
CLAMP TONNAGE	6	15	50	90	140	200	250
TRANSFER TONNAGE	1.5	3.5	5	8	19	19	19
CLAMP STROKE (IN.)	6	7	10	12	14	14	14
TRANSFER STROKE (IN.)	6	7.5	8.5	8.5	8.5	12	12
EJECTOR STROKE (IN.) MECH		0-1.5	0-3	0-3	0-3	0-3	0-3
DAYLIGHT (IN.)	9.63	18	26	28	30	32	32
TIE-ROD SPACING, (L-R)	12	15	22.25	24.75	26.5	33	33
TIE-ROD SPACING, (F-B)	5	7	14.25	17.25	17	24	24
PLATEN, (L-R)	15	20	28.5	32	35	43	43
PLATEN, (F-B)	8	12	22	25	26	34	34
MINIMUM MOLD HEIGHT	3.63	11	16	16	16	18	18
HEIGHT TO PLATEN	40	37	37	37	39	39	39
FLOOR SPACE L-R, F-B	36x40	56x28	67x41	71x48	71x49	90x52	90x52
OVERALL HEIGHT	68	81	94	98	102	115	115
SHIPPING WEIGHT (LBS.)	1050	3000	4500	8000	9500	12000	13500
MOTOR HP	*2	5	5	7.5	10	15	15
HEATER POWER							
(PER PLATEN) KW	1	2	4	4	7.5	7.5	7.5
OIL CAPACITY (GAL.)	16	35	35	70	80	90	90
WATER CONNECTIONS NPT	-	-	-	1/2	1/2	1/2	1/2
CLAMP, FAST CLOSE IN./MIN.	55	220	246	470	385	556	482
PRESSING IN./MIN.	55	86	0-40	0-13	0-16	0-18	0-15
RETRACT IN./MIN.	70	141	328	405	542	784	728
TRANSFER FAST							
APPROACH IN./MIN.	210	385	325	550	500	700	700
PRESSING IN./MIN.	0-100	0-100	0-100	0-90	0-80	0-100	0-100
RETRACT IN./MIN.	250	500	422	750	700	850	850

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

SUPERIOR DESIGN AND CONSTRUCTION FOR DURABILITY AND RELIABLE PERFORMANCE

T Series presses feature the heavy duty construction and high quality materials characteristic of all **Hull Industries Inc.** products. Features include chromeplated 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.

Free-standing and console designs are available. 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 transfer 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 thermosetting 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.

**Hull
Industries Inc**

7 Britain Drive
New Britain, PA 18901
Phone: 215.230.4260
Fax: 215.230.4261
www.hullindustries.com