An ISO 9001:2008 Company

HEATTRANS

doing it to excel

We Make

SG Iron / Ductile Iron Casting
Machined Casting / Components
Clamping Unit and Injection Unit for OEM

WELCOME YOU TO BE A PART OF MAKE IN INDIA



SG Iron / Ductile Iron Casting

Standard : ASTM A 536, DIN-EN-1563, IS-1862, BS-2789, ISO-1083, JIS G5502, GB-1348
Grade : 400/15, 450/10, 500/7, 600/3, 700/2
Weight : up to 10,000 kg single piece

- Guaranteed defect free and sound casting
- Guaranteed metallurgical grade
- Aesthetic finish as per global demand
- On time delivery

Machined Casting / Components

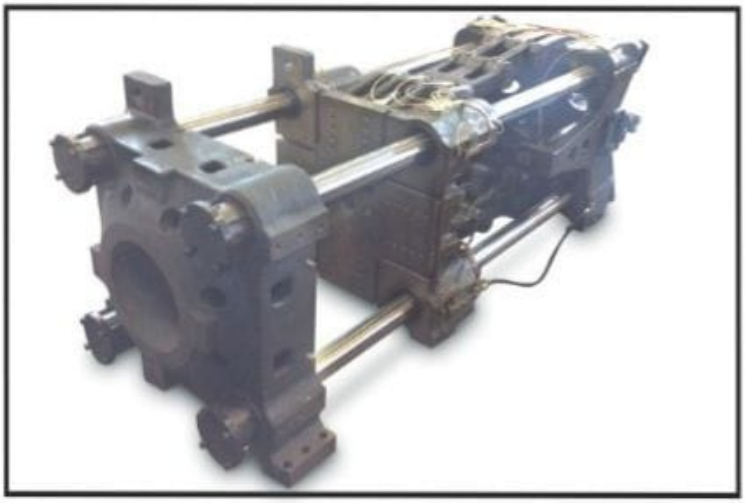
- Making components like Platens, Injection Housing, Thrust Housing, Star, Toggle Links, Hydraulic Manifolds
- Precision machining with geometrical tolerance
- In-house inspection facility.

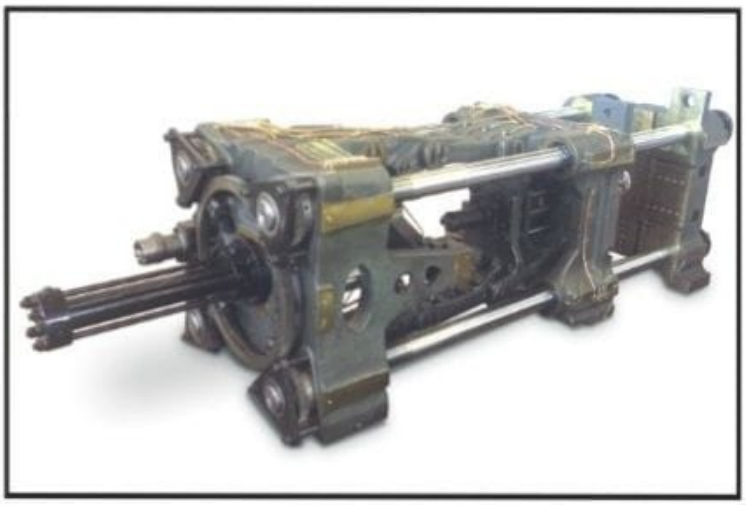
Clamping Unit and Injection Unit

- Opportunity for SME to contribute in "MAKE IN INDIA" program.
- More reliable and consistent Design then Chinese make.
- Manufactured according to global standard.
- Offer platform to Indian SME to compete globally.
- Aesthetic standard as per global demand .
- Guaranteed defect free and sound casting.
- Guaranteed metallurgy warranty.
- No hassle to keep parts inventory.
- If OEM is having regular and bulk requirement, we can supply completely assembled CU and IU as per their drawing.



available from 60 Ton to 600 Ton Model





Toggle Type Clamping Unit Specifications [R1]

	Model	HT	90	120	160	200	260	350	450	500	600
A	Tons	x 10 KN	90	120	160	200	260	350	450	500	600
B	Distance between Tiebar	mm	370x370	430x430	470x470	520x520	580x580	680x680	780x780	830x830	900x900
C	Mold Opening Stroke	mm	350	390	450	480	550	640	740	835	900
D	Mold Height [Min/Max]	mm/mm	150-380	150-450	160-500	200-550	200-600	200-700	250-820	300-850	350-900
E	Max Day Light	mm	730	840	950	1030	1150	1340	1560	1685	1800
F	Ejector Stroke	mm	90	120	140	160	180	200	250	250	300
G	Ejector Force	KN	35	50	50	60	60	80	125	150	150
H	Tie Bar Dia	mm	65	75	80	90	100	120	130	140	150
I	Drill / T-Slot	-	T-Slot	T-Slot	T-Slot	T-Slot	T-Slot	T-Slot	T-Slot	T-Slot	T-Slot

Injection Unit Specification R1 [Dt: 12/10/2026]

Sr.	**Parameters**	Unit	HT-60			HT-90			HT-120			HT-160			HT-200		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1	Screw Diameter	mm	28	32	35	32	35	38	38	42	45	42	45	50	45	50	55
2	Screw L/D Ratio	-	25.2	22.0	20.1	24.1	22.0	20.3	24.3	22.0	20.6	23.6	22.0	19.8	24.4	22.0	20.0
3	Shot Volume (Theoretical)	cc	73	95	114	129	154	181	227	277	318	312	358	442	398	491	594
4	Injection Weight (PS)	gms	65	84	101	115	137	161	202	247	283	277	318	393	354	437	529
4A	Injection Cyl Pressure	kg/cm2	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
5	Injection Pressure (Max)	kg/cm2	1808	1384	1157	1912	1598	1356	1885	1543	1344	1837	1600	1296	1878	1521	1257
6	Injection Stroke	mm	118	118	118	160	160	160	200	200	200	225	225	225	250	250	250
7	Standard Hydro Motor Model		NHM-2			NHM-2			NHM-3			NHM-6			NHM-6		

Sr.	**Parameters**	Unit	HT-260			HT-350			HT-450			HT-500			HT-600		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
1	Screw Diameter	mm	55	60	65	65	70	75	70	75	80	75	80	85	80	85	90
2	Screw L/D Ratio	-	24.0	22.0	20.3	23.7	22.0	20.5	23.6	22.0	20.6	23.5	22.0	20.7	23.4	22.0	20.8
3	Shot Volume (Theoretical)	cc	665	792	929	1161	1347	1546	1424	1635	1860	1767	2011	2270	2362	2667	2990
4	Injection Weight (PS)	gms	592	705	827	1034	1199	1376	1267	1455	1655	1573	1789	2020	2103	2374	2661
4A	Injection Cyl Pressure	kg/cm2	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
5	Injection Pressure (Max)	kg/cm2	1822	1531	1305	1725	1488	1296	1837	1600	1406	1936	1702	1507	1908	1690	1507
6	Injection Stroke	mm	280	280	280	350	350	350	370	370	370	400	400	400	470	470	470
7	Standard Hydro Motor Model	-	NHM-8			NMH-8			NHM-11			NHM-11			NHM-11		

Disclaimer : Sepcifications may be change without notice due to product development