

Gravity Reversal Technology At Its Best - **GLOBE CRANES**



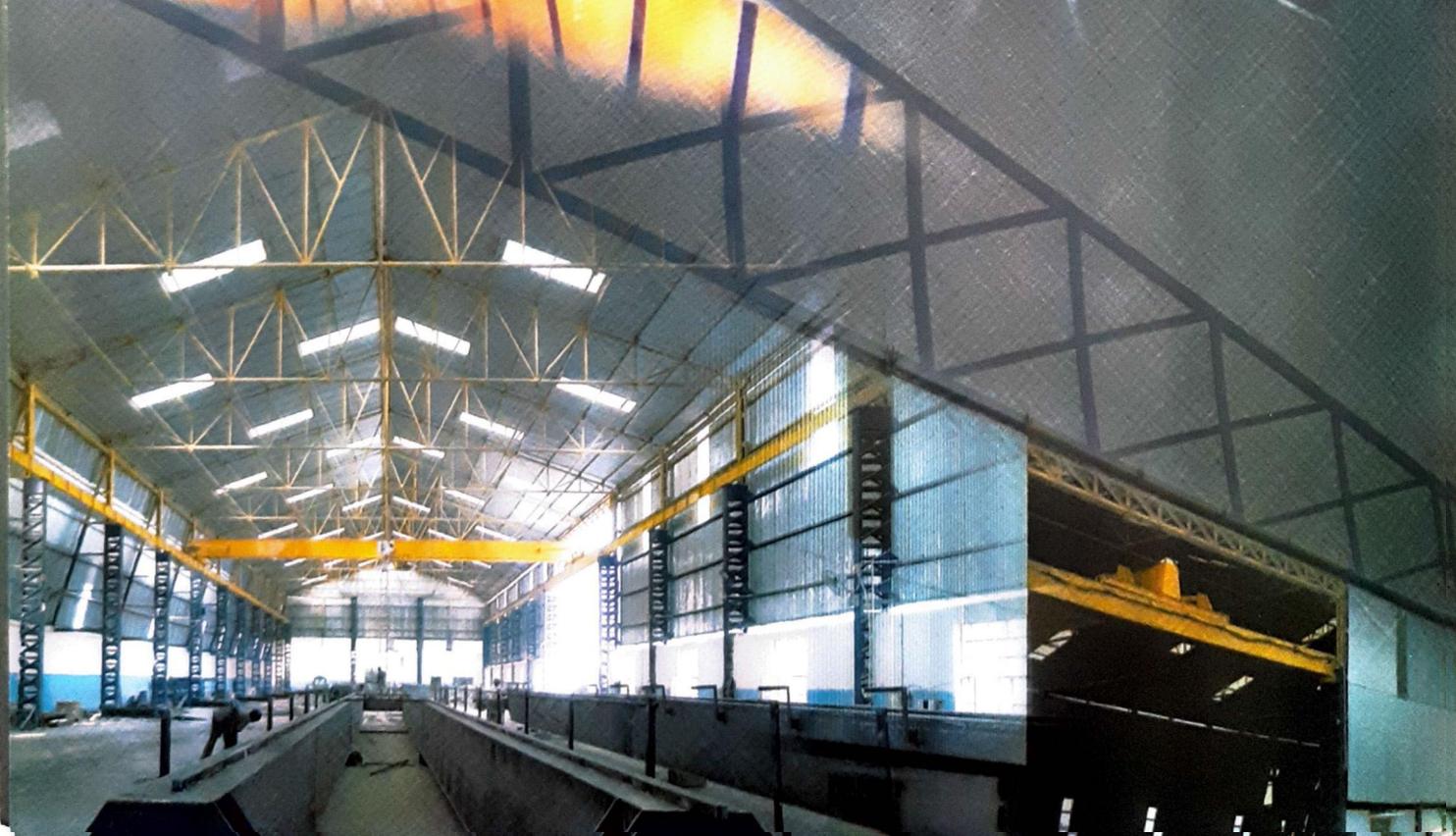
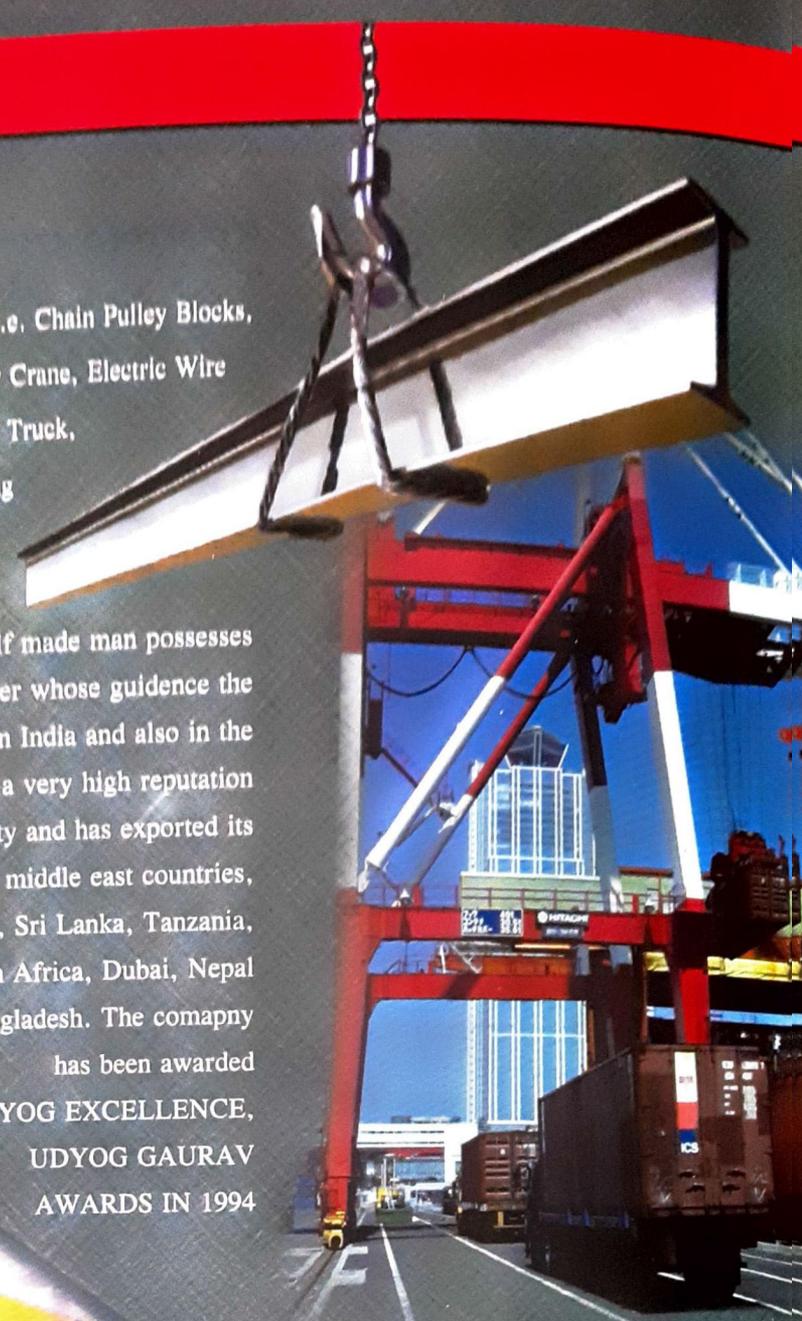
Established in 1975

An ISO 9001:2008 Certified Company

INTRODUCTION

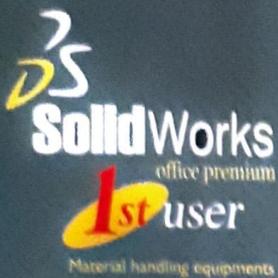
Since then the company has been manufacturing best quality of all types of material Handling equipments i.e. Chain Pulley Blocks, Crab Winches, Power Driven Winches, Jib Crane, Gantry Crane, Electric Wire Rope/Chain Hoist, E.O.T. Cranes, H.O.T. Cranes, Pallet Truck, Hydraulic Jib Crane, Hydraulic Stackers, Hydraulic Lifting Table and Goods Lift etc.

The Fonder of the company Mr. Vinod Mittal, a self made man possesses remarkable sense of ability and enthusiasm under whose guidance the company has attained present status in India and also in the International Market. The company enjoys a very high reputation for its products of very high quality and has exported its products to distant land or middle east countries, Mangolia, Uganda, Sri Lanka, Tanzania, Kenya, South Africa, Dubai, Nepal and Bangladesh. The company has been awarded UDYOG EXCELLENCE, UDYOG GAURAV AWARDS IN 1994



PRODUCTION UNIT

OBSESSED WITH QUALITY AND BEST DESIGN BY



7.5 TON X 22.5 MTR. SPAN (16 NOS.)
CRANE PART CONSIGNMENT OF SUBHA INTERNATIONAL
FOR SOUTH AFRICA



10 TON X 17 MTR. SPAN
CRANE FOR FRONTIER ALLOYS



20 TON X 11 MTR. SPAN
CRANE FOR SHIVA UDYOG



5 X 23 MTR. (10 NOS.)
CRANE FOR LAL BABA SEAMLESS TUBE

5 TON X 18 MTR. SPAN
CRANE FOR PEARD DRINKS JAMMU



PRODUCTS



30/10 TON X 17 MTR. SPAN
CRANE FOR SPERRY PLAST LTD.



20 TON X 17 MTR. SPAN
CRANE FOR UNITECH MACHINES



50/20 TON X 12 MTR. SPAN
CRANE FOR SLR STEEL BANGLORE

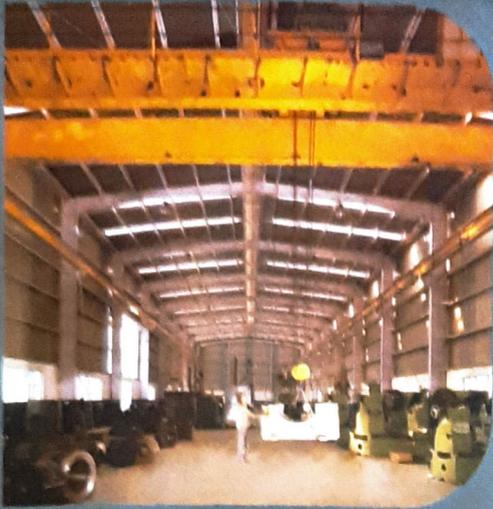


5 TON X 21 MTR. SPAN (2 NOS.)
CRANE FOR TRADING ENGINEERS



15 TON X 18 MTR. SPAN
CRANE FOR UNITECH MACHINES

PRODUCTS



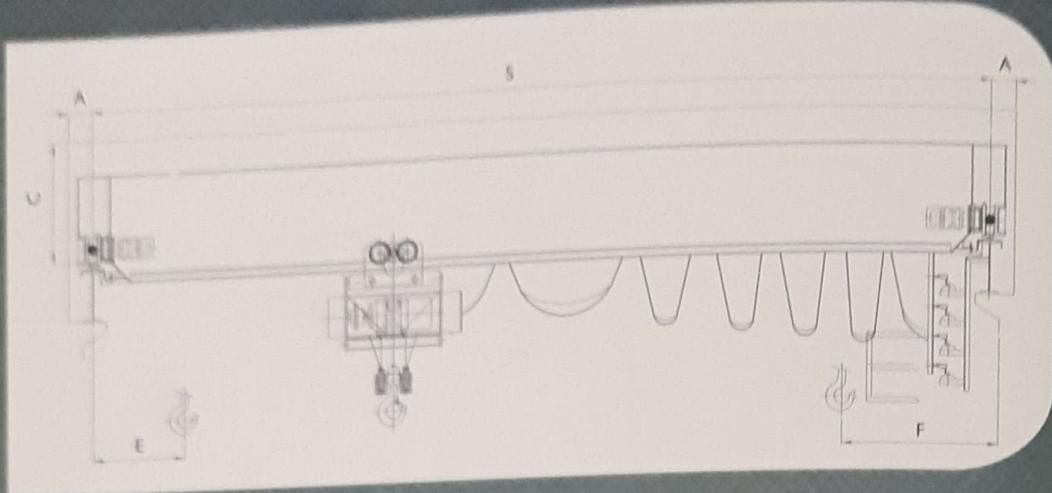
Rope Drum : It is made of steel on which wire rope grooves are accurately machined for proper sitting of wire Rope. Specially designed arrangement is provided so that Wire Rope changing is very easy without involving any clamping or tightening on the drum.

Gears: Spur and Helical gears are accurately cut by generating process on gear hobbing and gear shaping machines from Manganese Chromium alloy steel. Gears are further case hardened so as to with stand impact loads and high resistance to wear. Gears are mounted on ball bearings so as to give very smooth and silent running. The gears are totally enclosed and running in oil bath along with bearings for constant lubrication.

Motor : Hoist duty, squirrel cage, Induction motors, with high starting torque, totally enclosed and fan cooled, continuously rated suitable for frequent reversing and braking are provided. Motors are suitable for 3 phase, 415 volts, 50 cycles, AC supply.

Brakes : Disc type, spring loaded, fan cooled brakes are provided for heavy duty operations. Brakes are of fail safe type which means in case fo failure of electric supply brake acts immediately. Brakes are easily accessible, for adjustment and maintenance. Brakes for trolley can be supplied at extra cost.

SINGLE GIRDER EOT CRANE

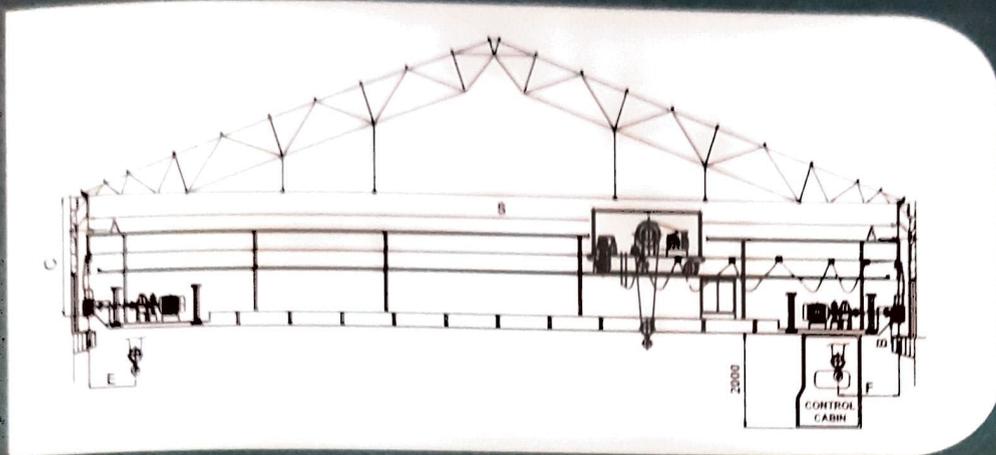


TECHNICAL SPECIFICATIONS

Model	S.W.L. (M.T.)	Span (mtrs.)	Head Room (mm)	Wheel Base (mm)	Hook Approach (mm) E/F	End Clearance (mm) A	Wheel Load Per Wheel (Approx)	Weight of Crane Kgs (Approx)
GSG - 1	1.0	8	650	1600	700	200	1000	1700
		12	750	2400	700	200	1200	2500
		16	800	3200	700	200	1400	3250
		20	850	4000	700	200	1775	4700
GSG - 2	2.0	8	750	1600	750	200	1600	2000
		12	800	2400	750	200	1850	2900
		16	850	3200	750	200	2000	3800
		20	900	4000	750	200	2400	5200
GSG - 3	3.0	8	800	1600	850	200	2200	2500
		12	850	2400	850	200	2450	3500
		16	900	3200	850	200	2650	4300
		20	1100	4000	850	200	3125	6200
GSG - 5	5.0	8	800	1600	950	250	3400	2900
		12	900	2400	950	250	3725	4200
		16	1000	3200	950	250	4000	5300
		20	1100	4000	950	250	4450	7100
GSG - 7.5	7.5	8	850	1600	1000	250	4850	3600
		12	1000	2400	1000	250	5200	5100
		16	1100	3200	1000	250	5650	6700
		20	1200	4000	1000	250	6100	8500
GSG - 10	10.0	8	900	1600	1100	250	6350	4400
		12	1000	2400	1100	250	6750	6000
		16	1200	3200	1100	250	7200	7800
		20	1300	4000	1100	250	7500	9300
GSG - 15	15.0	8	1000	1600	1200	250	9500	6200
		12	1100	2400	1200	250	9850	7600
		16	1250	3200	1200	250	10300	9600
		20	1400	4000	1200	2500	10800	12000

NOTE: 1. Above specifications are for Class II Medium Duty Cranes
 2. Above dimensions are for Cranes having 6 Mtr. Lift. There may be minor deviations in dimensions for higher height of Lift.
 3. 'Globe' reserve the right to effect any designs or dimensional charges without Notice

DOUBLE GIRDER EOT CRANE



TECHNICAL SPECIFICATIONS

Model	SWL MT.	SPAN (Mtrs.) 'S'	Head Room (mm) 'C'	End Clearance (mm) 'A'	Hook Approaches		Wheel Base (mm) 'W'	Girder Project ion Below Rail (mm) 'B'	Crane Width (mm)	Wheel Load (Approx) (MT)	Crane Wt. (Approx) (MT)
					(mm) 'E'	(mm) 'F'					
GDG - 5	5.0	10	1500	200	900	750	3000	200	3700	5.6	9.4
		15	1600	200	900	750	3000	250	3700	6.0	11.6
		22	1800	225	1000	800	4400	350	5200	7.4	16.0
GDG - 7.5	7.5	10	1600	200	900	750	3000	250	3700	7.5	11.4
		15	1700	225	900	750	3200	300	4000	8.0	12.6
		22	1900	250	1000	800	4400	400	5200	9.9	18.4
GDG - 10	10.0	10	1700	250	900	750	3200	300	4000	9.5	13.8
		15	1800	250	1000	800	3400	350	4200	10.1	15.5
		22	1900	250	1000	800	4400	400	5200	11.7	21.5
GDG - 15	15.0	15	2000	250	1100	900	3800	400	4600	14.3	18.8
		22	2200	250	1200	1000	4400	450	5200	16.5	27.2
GDG - 20	20.0	15	2100	275	1100	900	4200	400	5300	16.9	20.4
		22	2300	300	1250	1050	4500	450	5800	19.2	28.4
GDG - 25	25.0	15	2350	300	1100	900	4200	400	5300	20.8	22.8
		22	2500	300	1250	1050	4500	450	5800	23.1	32.5
GDG - 30	30.0	15	2500	300	1200	1000	4200	450	5400	23.6	25.5
		22	2700	300	1300	1100	4600	500	6000	26.6	37.5
GDG - 40	40.0	15	2900	350	1300	1100	5100	500	6500	28.6	25.5
		22	3100	350	1400	1200	5200	500	6600	33.2	43.0
GDG - 50	50.0	15	3200	350	1500	1300	5400	500	7000	36.8	34.6
		22	3300	350	1500	1300	5500	600	7500	40.6	49.5
GDG - 60	60.0	18	3800	400	1600	1200	5600	600	7000	49.0	55.0
		22	4000	400	1600	1200	5800	650	7500	52.0	70.0
GDG - 80	80.0	15	4000	450	1900	1300	5800	650	7200	52.0	75.0
		22	4200	450	1950	1350	6000	700	7500	53.5	90.0
GDG - 100	100.0	15	4200	450	1900	1400	6000	700	7500	58.0	90.0
		22	4500	450	1950	1400	6200	750	7800	61.0	100.0

TECHNICAL SPECIFICATION



"C/ Ramshorn" Type hook assembly supported on thurst bearing to ensure free movement of the hook. (360° Swivell)



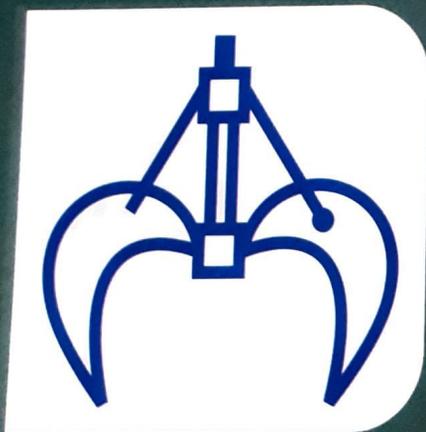
Variable Voltage Variable Frequency (VVVF) Drive system to obtain different speeds and jerk free start for complete crane with the multi operation inbuilt.



Planetary gear units for main hoisting specially design to fit inside the rope drum & acquires minimum space for crab trolley



Radio remote control system (wireless) for all motions of E.O.T Crane with emergency start & stop with the range of 100 Mtrs.

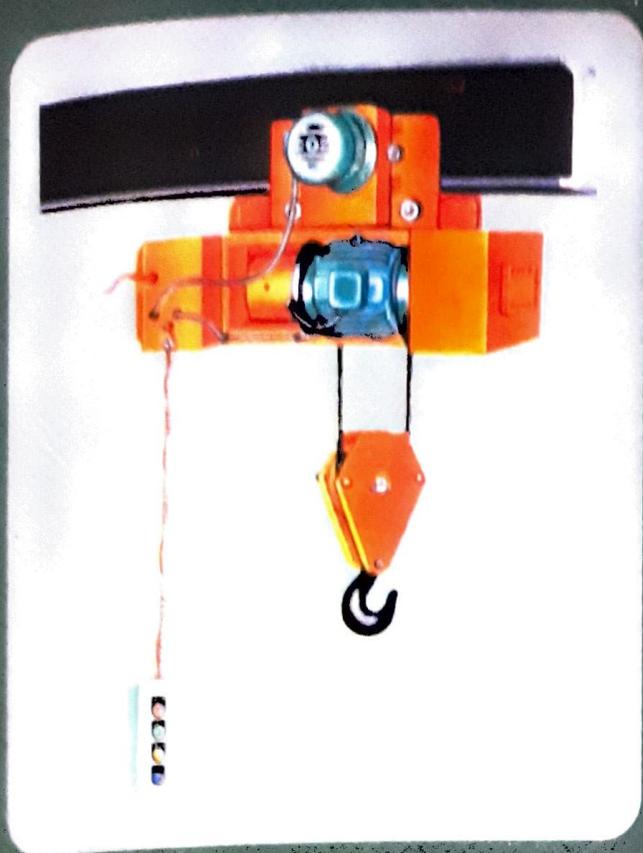


Grabbing cranes specially designed for glass industries with suitable grab bucket master control operated through covered cabin with higher operating speeds



Steel forged deep hardened on the rail surface insures the ultimate resistance to wear with maximum roller life. Double self align spherical bearing housed with L- blocked wheel assemblies

WIRE ROPE ELECTRIC HOIST



FRAME :

The main plates of tested quality steel are welded/bolted to form very rugged frame.

GEAR BOX :

Totally enclosed, Immersed oil bath lubricated gear box houses the gear machined out of EN-9/EN-24 Steel and teathed on precision hobbing machines.

MOTORS :

Hoist duty 415V 50 Hz., 3 Ph., A.C., Squirrelcage motors with 40% CDF 'B' class insulation and of ample rating and standard make like NGEF / BBL / CROMPTON GREAVES etc. are used.

HOOK :

Confirming to IS : 8610. Free to rotate & swivel.

BRAKE :

Instant action 'Fail to Safe' Electro Magnetic auto manual DISC/SHOE ensure maximum safety and reliability in operation

WIRE ROPE :

6 X 37 Construction, FMC, best plough steel tested wire rope as per IS : 2266 is used of reputed make like Usha Martin / Fort William etc.

LIMIT SWITCH :

Snap action limit switch to prevent over hoisting and over lowering is provided for maximum safety, make BCH / GLS.

PANNEL :

Totally enclosed dust and vermin proof-housing components of standard makes like 'SIEMENS/L&T. BCH, provides control at low voltage for safety of operator.

CONTROL :

Tfrom push button pendent station supported with steel link Chain / Wir Rope, operating at 110 Volt.

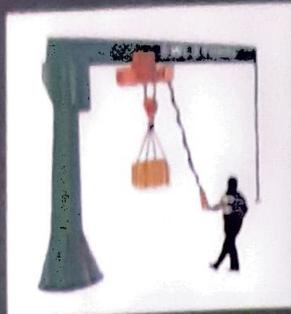
TECHNICAL DETAIL

Model	Capacity in Kg.	Lift In Mtr.	Hoisting Speed Mtr./Min	Hoisting Motor (H.P.)	Cross Travel Speed Mtr./Min	Cross Travel Motor (H.P.)	Head Room in MM
GWRH-05 T	500	6	6	1	15	0.25	420
GWRH-1 T	1000	6	6	2	15	0.33	600
GWRH-2 T	2000	6	4	3	15	0.5	800
GWRH-3 T	3000	6	3	3	15	0.5	800
GWRH-5 T	5000	6	3	5	15	0.75	1000
GWRH-7.5 T	7500	6	3	7.5	15	1	1050
GWRH-10 T	10000	6	3	10	15	1.5	1100
GWRH-12.5 T	12500	6	3	12.5	15	1.5	1300
GWRH-15 T	15000	6	3	15	15	1.5	1400

PRODUCT RANGE



CHAIN PULLEY BLOCKS
CAPACITY : 500 Kg. to 30 Tonnes



PILLER TYPE JIB CRANE
Capacity : 0.5 Tonne to 5 Tonnes



GANTRY CRANE
Capacity : 1 Tonne to 20 Tonnes



ELECTRIC CRAB WINCH
Capacity : 1 Tonne to 50 Tonnes



HYDRAULIC JIB CRANE
Capacity : 1 Tonne to 3 Tonnes



ELECTRIC WIRE ROPE HOIST
Capacity : 0.5 Tonne to 20 Tonnes



GOLLIATH CRANE
Capacity : 5 Tonnes To 100 Tonnes



HYDRAULIC STACKER
Capacity : 500 Kg. To 2 Tonnes



HYDRAULIC PALLET TRUCK
Capacity : 1 Ton To 5 Tonnes



CHAIN ELECTRIC HOIST
Capacity : 0.5 Tonne to 3 Tonnes

Our Sale Outlets

Delhi ♦ Ambala ♦ Kanpur ♦ Indore ♦ Raipur
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An ISO 9001:2008 Certified Company

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