



**OMEGA**

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# OMEGA

Elevate your business with **Omega**



Chain Pulley Blocks



Chain Hoists



Wire Rope Hoists



**NEW PHOTO**

Single Girder Cranes



Double Girder Cranes



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**A perfect blend of quality, techno-economic efficiency and reliability**



## **About Omega**

**Omega** is a new power breed of workshop hoists and cranes, designed around the handling needs of small and medium-sized manufacturing units. Engineered by a team with over 30 years of experience in the industry, **Omega** is poised to set new standards with a perfect blend of quality, techno-economic efficiency and reliability. A **Omega** crane is the perfect solution when you want to achieve more in a small budget and yet elevate your business to a new height.

The **Omega** range of hoists and crane kits is available in different SWL range from 1t to 50t capacity, in different configurations.

## EOT Cranes -

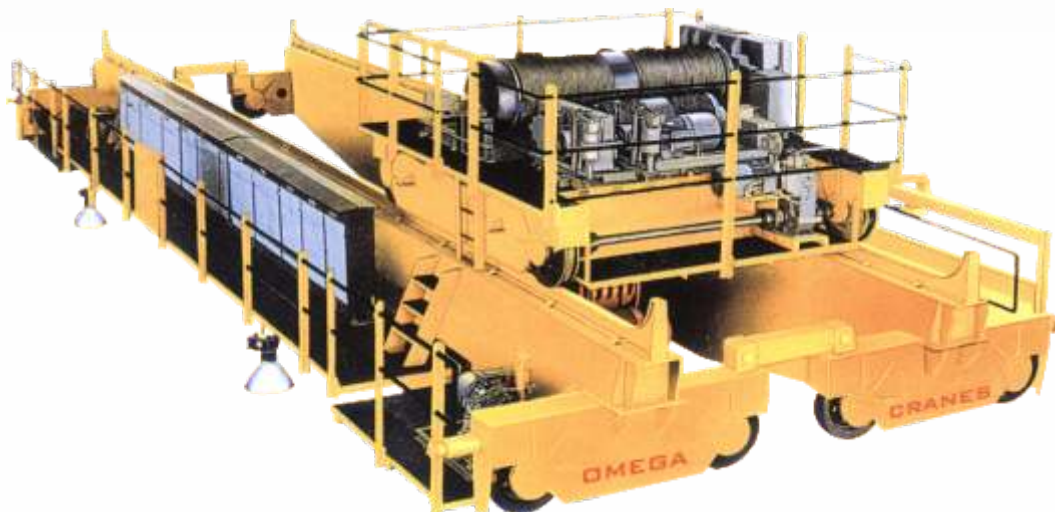
### An idea to change the way cranes are built

#### Remarkable features

- Modular concept allows compact dimensions
- Rugged construction
- Planetary, oil-lubricated, hardened and ground hoist gearbox
- Wide product range from 1t to 50t
- Excellent rope guide design : Use of ground pressure rollers instead of rope tighteners

#### Advantages

- Well-engineered components
- Pre-assembled and factory-tested
- Easy planning, selection and ordering using standard modules
- Engineering support from the expert team of Omega
- Apart from local service support, factory service team for solving critical problems
- Standard products and processes for faster and trouble-free project completion





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## ELN Series

### Electric Wire Rope Hoists



**Pendant push button**



**Conical rotor motor**



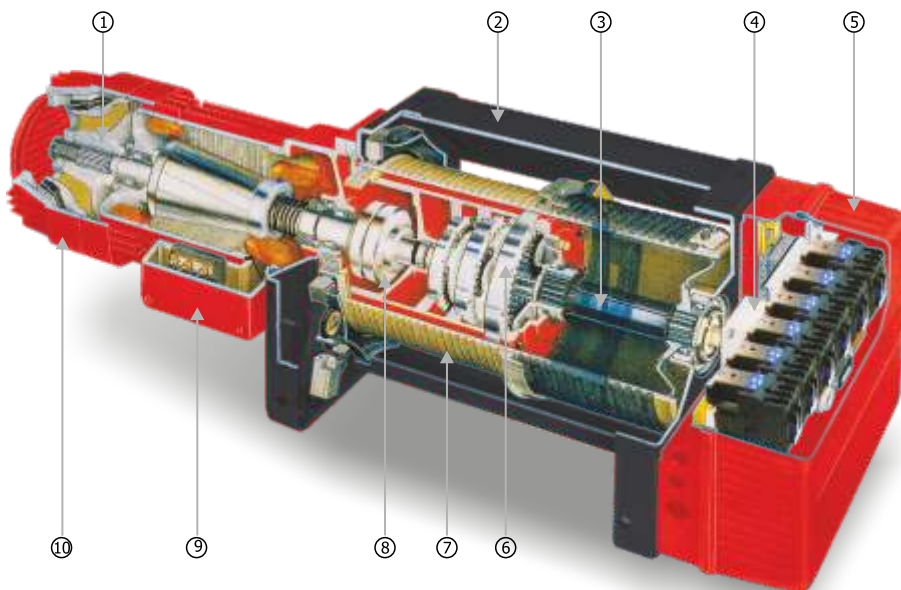
**Planetary gearbox**



**Drum and rope guide**

Class of duty	: M5
Ambient temperature	: 50°C
CDF	: 40%
Starts/Stops per hour	: 120
Height of lift for 2/1 reeving	: 6m to 30m
Height of lift for 4/1 reeving	: 6m to 18m
Power supply	: 3ph - 50Hz - 415V
Colour	: RAL 3020 + RAL 9004

### Technical features



1. Brake
2. Drum housing
3. Output shaft
4. Cam limit switch
5. Electrical control panel
6. Planetary gearbox
7. Rope drum and rope guide
8. Motor coupling
9. Motor terminal box
10. Lifting motor

## Single Girder Cranes



**Crane Kits** is an entirely new idea to the Indian market. By opting for a crane which is built with a **Omega** crane kit, the customer receives several benefits. You are assured of the quality and reliability of a top-brand, properly engineered crane with good aesthetics, local support for pre-sales and post-sales activities and most importantly - best price to suit your budget.

Based on your requirement, the **Omega** selects the appropriate crane kit from the range of standard modules. All the key components in the crane kits, manufactured adhering to our stringent quality norms. The girders are locally manufactured by the **Omega** as per the drawings provided by us.

Erection and commissioning support is extended by the trained team of **Omega**. In case of critical installations, the **Omega** team of experts is always on hand to lend support to the local team. Established professional practices ensure smooth execution, speedy completion of your project and a smart solution for you.

**Single girder crane kits** comprise electric wire rope hoist, end carriages, electrical panel, structural drawings and festooned cables.



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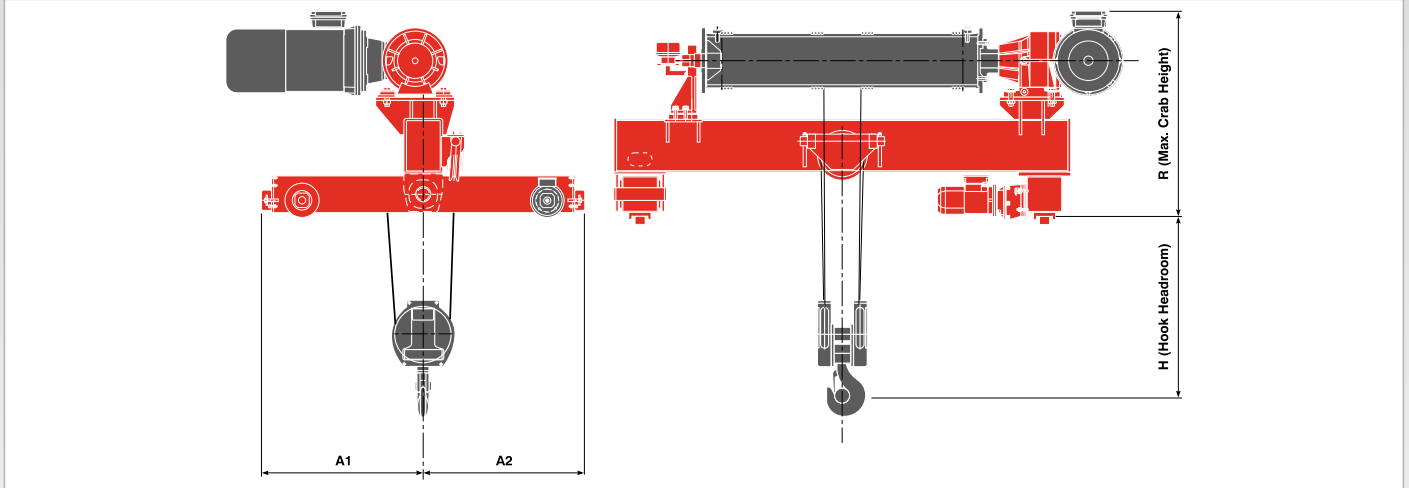
## Double Girder Cranes



**Omega** offers Double Girder EOT crane kits in SWLs ranging from 5t to 50t. These kits are fully standardised to serve SME segment of the market. Double Girder Crane kits can be offered for a wide range of spans from 6m to 36m while keeping standard height of lift (6m/9m/12m), crane layout and speeds same.

They can also be provided with multiple hoisting trolleys running on the same bridge. Precise control of up / down motion and /or travel motion can be achieved by using Variable Frequency Drives in the panels (optional in MH and CT).

## Double Girder Crab - 4/2 Rope reeving

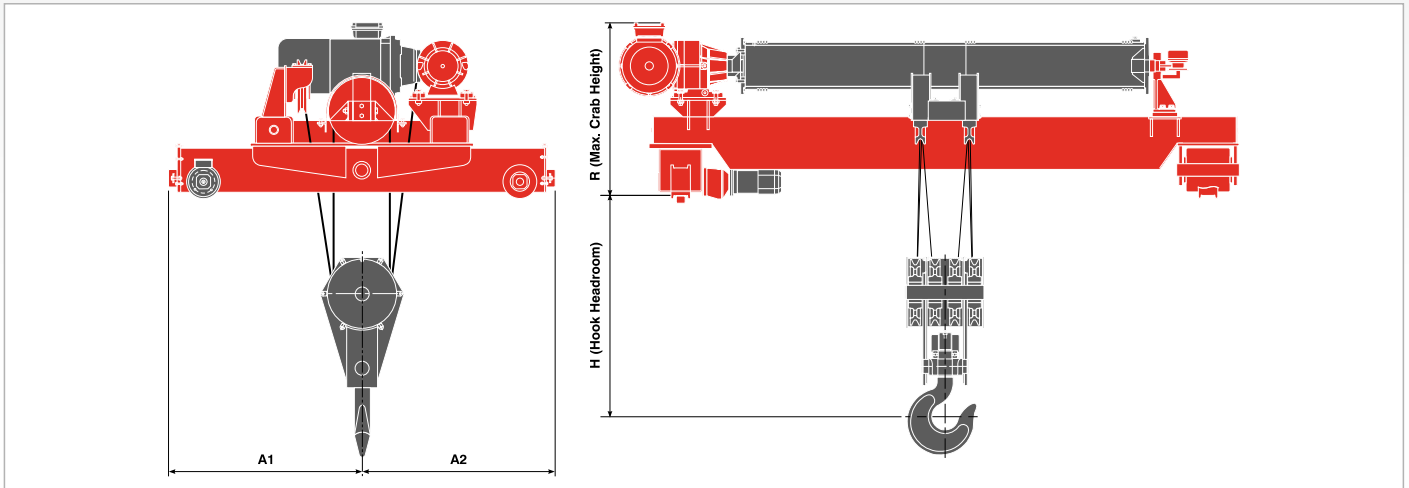


### Technical specifications

Model	SWL	Reeving	Wire rope diameter	Speed			Motor rating			Headroom			A1 & A2
				MH	CT	LT	MH	CT	LT	Crab 'R'	Crane 'C'	Hook 'H'	
ELD-05-04-12	5	4/2	10	4.0	15	20	4.61	0.43 x 2nos	0.63 x 2nos	900	1300	800	900
ELD-10-04-12	10	4/2	14	4.0	15	20	8.56	0.43 x 2nos	0.86 x 2nos	1050	1580	900	1050

Height of lift available : 6m, 9m and 12m

## Double Girder Crab - 8/2 Rope reeving



### Technical specifications

Model	SWL	Reeving	Wire rope diameter	Speed			Motor rating			Headroom			A1 & A2
				MH	CT	LT	MH	CT	LT	Crab 'R'	Crane 'C'	Hook 'H'	
ELD-16-08-12	16	8/2	14	4.0	15	20	12.56	0.43 x 2nos	1.27 x 2nos	1000	1500	1300	1250
ELD-20-08-12	20	8/2	14	4.0	15	20	12.59	0.63 x 2nos	1.27 x 2nos	1000	1600	1400	1250
ELD-25-08-12	25	8/2	16	4.0	15	20	20.99	0.63 x 2nos	1.74 x 2nos	1320	1900	1410	1250
ELD-32-08-12	32	8/2	18	4.0	15	20	33.68	0.86 x 2nos	1.74 x 2nos	1460	2100	1500	1350
ELD-40-08-12	40	8/2	20	3.0	15	20	24.66	0.86 x 2nos	2.13 x 2nos	1570	2200	1660	1450
ELD-50-08-12	50	8/2	22	3.0	15	20	33.68	1.27 x 2nos	2.13 x 2nos	1685	2400	1720	1500

Height of lift available : 6m, 9m and 12m



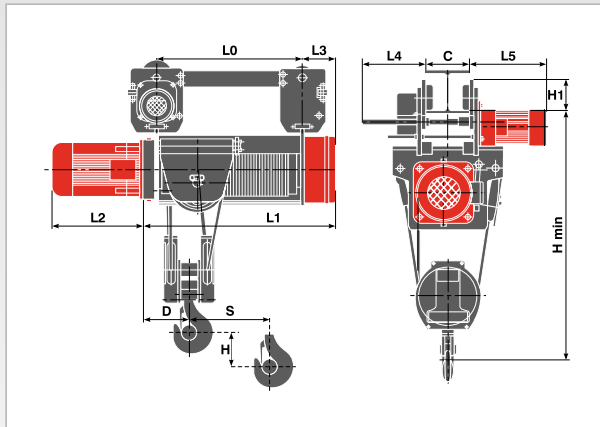
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**ELN Series**

**Electric Wire Rope Hoists**



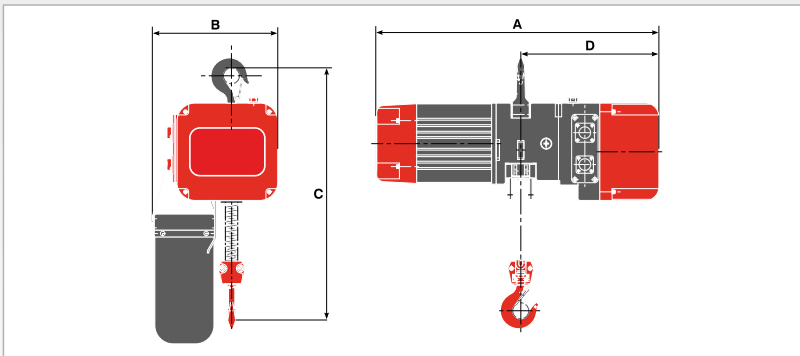
**Technical specifications**

Model	Reeving	Capacity (t)	Lifting motor (kW)	Lifting speed (m/min)	Traveling motor (kW)	Traveling speed (m/min)	Dimension	Lifting height (H)							L2	L3	H min	H1	L4	L5	C	D
								6m	9m	12m	15m	18m	24m	30m								
ELN-01-02	2/1	1.0	1.5	8.4	0.4	20	L0	384	481	578	-	772	966	1160	300	138	923	121	256	321	181~315	205
							L1	584	681	778	-	972	1166	1360								
							S	96	144	192	-	288	384	480								
ELN-02-02	2/1	2.0	3.0	7.2	0.4	20	L0	458	562	716	-	924	1132	1340	350	147	1103	121	313	321	181~372	250
							L1	667	771	925	-	1133	1341	1549								
							S	104	156	209	-	313	417	521								
ELN-03-02	2/1	3.2	4.5	7.0	0.4	20	L0	490	599	758	-	976	1194	1412	380	161	1210	121	348	321	181~407	268
							L1	718	827	986	-	1204	1422	1640								
							S	110	164	219	-	328	437	546								
ELN-05-02	2/1	5.0	7.5	7.6	0.75	20	L0	520	635	829	-	1058	1287	1516	460	196	1335	146	393	363	181~470	280
							L1	792	907	1101	-	1330	1559	1788								
							S	118	177	229	-	344	458	572								
ELN-03-04	4/1	3.2	3.0	3.6	0.4	20	L0	716	924	1132	1340	-	-	-	350	147	1056	121	313	321	181~372	212
							L1	925	1133	1341	1549	-	-	-								
							S	209	313	417	521	-	-	-								
ELN-06-04	4/1	6.3	4.5	3.5	0.75	20	L0	758	976	1194	1412	-	-	-	380	161	1180	146	322	363	181~400	227
							L1	986	1204	1422	1640	-	-	-								
							S	219	328	437	546	-	-	-								
ELN-10-04	4/1	10.0	7.5	3.8	0.75	20	L0	829	1058	1287	1516	-	-	-	460	196	1312	179	314	367	181~463	245
							L1	1101	1330	1559	1788	-	-	-								
							S	229	344	458	572	-	-	-								
ELN-16-04	4/1	16.0	13	4.0	0.75x2	20	L0	885	1118	1351	1584	-	-	-	520	211	1390	179	391	367	181~540	282
							L1	1201	1434	1667	1900	-	-	-								
							S	233	350	466	583	-	-	-								
ELN-20-04	4/1	20.0	13	3.2	0.75x2	20	L0	885	1118	1351	1584	-	-	-	520	211	1390	179	391	367	181~540	282
							L1	1201	1434	1667	1900	-	-	-								
							S	233	350	466	583	-	-	-								



## ELC Series Electric Chain Hoists

- Compact and light weight design
- Uses hardened and ground gears in both hoisting and cross travel motion to ensure quiet operation and longer working life
- Provided with phase sequence protector to avoid reverse operation in case of phase sequence fault
- Available with hook suspended or fixed mounted trolley design as per requirement
- All motors are provided with D. C. disc brakes
- Available with twin speed motion on request



### Technical specifications

Model	SWL (t)	Falls	MH speed (m/min)	CT speed (m/min)	MH motor power (kW)	Dimensions			
						A	B	C	D
ELC-0.25-01-03	0.25	01	14.0	20	0.85	592	276	490	273
ELC-0.50-01-03	0.5	01	7.6	20	0.9	592	276	495	273
ELC-01-01-03	1	01	5.0	20	1.1	592	276	530	273
ELC-02-02-03	2	02	2.5	20	1.1	592	276	590	273
ELC-03-01-03	3	01	6.0	20	3.0	694	430	595	336
ELC-05-02-03	5	02	3.0	20	3.0	694	430	860	336

Notes : 1. Standard height of lift (HOL) available : 3m. Other HOL available on request 2. All standard hoists supplied with taper tread CT wheels. Straight tread on request at extra price

## ELMT Series Motorised Trolley



### Technical specifications

Model	Capacity (t)	Motor power (kW)	Travelling speed (m/min)	I-beam width (mm)
ELMT-0.5	0.5	0.3	20	74-124
ELMT-01	1	0.3	20	74-124
ELMT-02	2	0.3	20	74-124
ELMT-03	3	0.4	18	102-152
ELMT-05	5	0.4	18	102-152



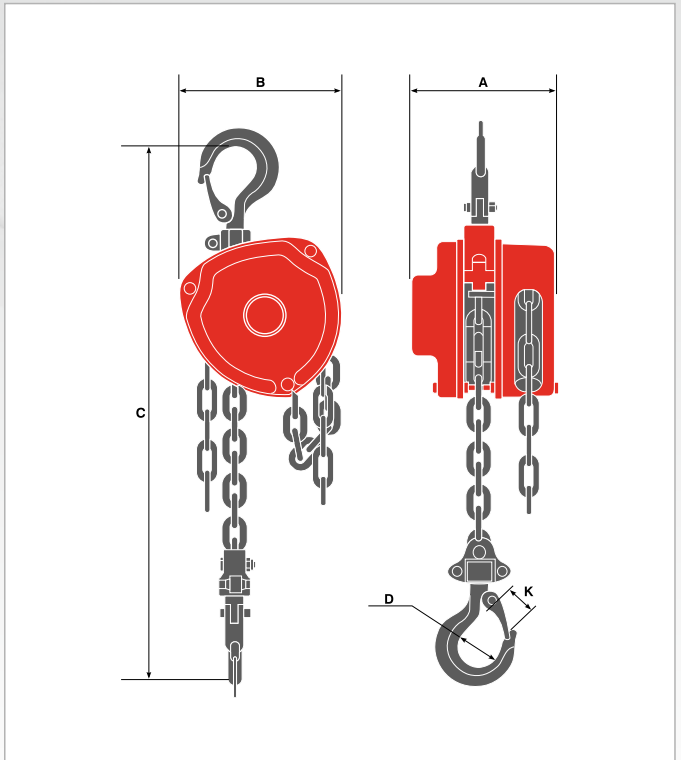
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**ELM Series**

**Manual Chain Pulley Blocks**

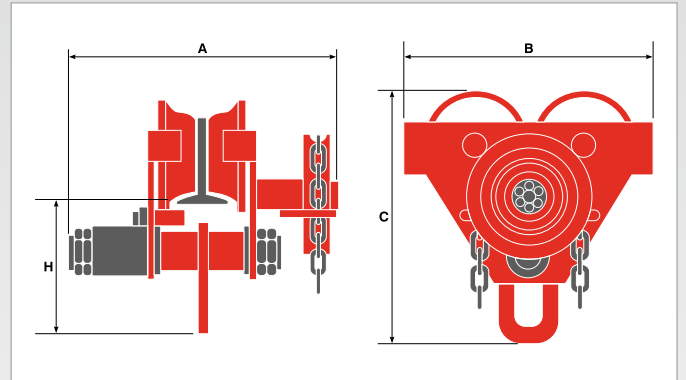


**Technical specifications**

Model	Capacity (t)	No. of falls	Net weight (kg)	Weight per extra meter (kg)	Lifting effort (N)	Dimensions				
						A	B	C	D	K
ELM-01-01-03	1	1	12	1.7	304	126	147	306	40	34
ELM-02-02-03	2	1	19	2.3	410	141	183	368	50	41
ELM-03-02-03	3	2	27	3.7	343	141	183	486	58	48
ELM-05-02-03	5	2	42	5.3	414	163	215	616	64	52
ELM-10-04-03	10	4	83	9.7	423	163	405	750	85	64
ELM-20-08-03	20	8	193	19.4	2x435	191	595	1000	110	85

Lifting heights till 30m available as per request.

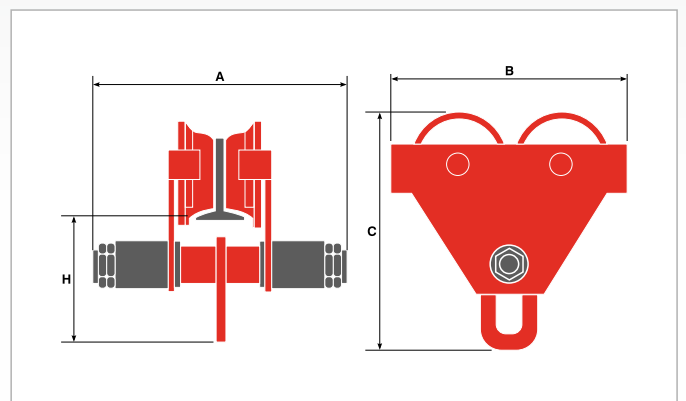
## ELGT Series Manual Geared Trolley



### Technical specifications

Model	Capacity (t)	I-Beam width	Net weight (kg)	Dimensions			
				A	B	C	H
ELGT-0,5	0,5	64-140	13	309	212	199	113
ELGT-01	1	64-140	19	329	255	232	128
ELGT-02	2	76-165	29	362	302	278	152
ELGT-03	3	76-203	42	429	344	338	186
ELGT-05	5	88-203	60	434	378	393	219

## ELT Series Manual Push-Pull Trolley



### Technical specifications

Model	Capacity (t)	I-Beam width	Net weight (kg)	Dimensions			
				A	B	C	H
ELT-0,5	0,5	64-140	7	230	212	199	113
ELT-01	1	64-140	12	254	255	232	128
ELT-02	2	76-165	22	294	302	278	152
ELT-03	3	76-203	33	344	344	338	186
ELT-05	5	88-203	51	360	378	393	219



## Dealer Network in India & Abroad

### PRODUCT SUPPORT

**Omega** construction equipment is one of the most reputed engineering organization of India. Over the years, **Omega** has developed a strong and dedicated dealer network across the country supported by experienced service engineers. **Omega** through innovative products of quality, comfort and performance is trying to create a better platform in the construction engineering.



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