



VERTIKAL

Mechanising Projects ...

**Elevate Efficiency
Reach New Heights**

WHO WE ARE

Your Trusted Partner in Vertical Construction Solutions

We specialise in providing top-notch equipment solutions for the vertical movement of materials and manpower in the construction industry. Focusing on **Tower Cranes**, **Construction Hoists**, and **Mast Climbers**, we ensure seamless, reliable service through our partnerships with industry leaders like **Comansa (Spain)** and **Mtandt (India)**, delivering prompt, nationwide customer support.



OUR COMMITMENT TO YOU

Involvement from Concept to Completion

From the initial project concept to execution, we partner with our clients to finalise technically and commercially viable equipment needs. Our services span planning, design, mobilisation, installation, operation, maintenance, and demobilisation, aligning with each project's mechanisation plan.

WHOM DO WE SERVE

Meeting the Needs of Diverse Sectors

Our expertise covers many sectors, including buildings, factories, airports, metros, power plants, etc. With flexible options like outright purchase, long-term leasing, lease-to-purchase, and buy-back, we tailor solutions to meet the unique requirements of every project.

- Commercial Buildings
- Manufacturing Plants and Factories
- Airports and Aviation Infrastructure
- Metro and Rail Projects
- Power Plants and Energy Facilities
- High-Rise Residential Complexes
- Infrastructure and Civil Projects

OUR STRENGTH



» STRATEGIC PARTNERSHIP

In partnership with Comansa, a global leader in tower crane manufacturing, we offer cranes with capacities from 5 to 50 tons, ensuring reliable, high-performance equipment for projects of any scale.

» CUTTING-EDGE TECHNOLOGY

Using advanced tools, we optimise equipment placement, design foundations, and ensure efficient operations. This technology guarantees safety and precision during all project phases, including dismantling.

» OPERATIONAL EXCELLENCE

Safety is central to our operations. Anti-collision and zoning techniques enable smooth crane functionality, minimising risks and improving productivity on high-density sites.

» REAL-TIME MONITORING

Our site supervisor software and data loggers offer real-time equipment tracking, empowering clients to monitor performance remotely and take proactive, data-driven actions.

» EXPERIENCE & EXPERTISE

With extensive industry knowledge, we deliver tailored tower crane solutions for complex projects. From challenging structural designs to operations at height, our team ensures precision and professionalism.

» ADVANCED PLANNING

Our 3D virtual tools allow for meticulous project planning, enabling safe and efficient equipment installation while delivering site-specific solutions for diverse project needs.



FLAT-TOP TOWER CRANES

SERIES	MODEL	TON				30	32.5	35	37.5	40	42.5	44	45	47.5
1100	11CM132	6	DTA	ES71	57.4	4650	4100	3750	3450	3150	3000		2650	2400
	11CM132	6	STM	ES71	56.4	4900	4350	4000	3700	3400	2950		2450	2200
	11CM160	8	DTA	ES71	57.4	5100	4650	4250	4000	3950	3700		3450	3050
	11CM160	8	STM	ES71	56.4	5350	4900	4500	4100	3750	3500		3250	2850

SERIES	MODEL	TON				30		35		40			45	
1600	16CM185	10	DTA	ES72	62.7	6400		5100		4800			4000	
	16CM185	10	STM	ES72	62	6700		5400		4600			3800	
	16CM185	12	DTA	ES72	62.7	6400		5600		4800			4000	
	16CM185	12	STM	ES72	62	6400		5400		4600			3800	
	16CM220	10	DTA	ES72	62.7	7400		6300		5200			4900	
	16CM220	10	STM	ES72	62	7700		6600		5500			4700	
	16CM220	12	DTA	ES72	62.7	7400		6300		5700			4900	
	16CM220	12	STM	ES72	62	7700		6600		5500			4700	
	16CM260	10	DTA	ES72	62.7			8500		7300			6200	
	16CM260	10	STM	ES72	62			8800		7600			6500	
	16CM260	12	DTA	ES72	62.7			8500		7300			6200	
	16CM260	12	STM	ES72	62			8800		7600			6500	

SERIES	MODEL	TON								40		44		
2100	21CM335	12	DTA	ES72	63.1					8300		7200		
	21CM335	20	DTA	ES42	63.1					8800		7700		
	21CM450	20	DTA	ES83	91.3					11800				
	21CM550	20	DTA	ES83	85.8					13600				
	21CM550	25	DTA	ES83	84.3					12600				
	21CM550	25	STF	ES83	84.8					13200				

SERIES	MODEL	TON				30		35		40			45	
2100	21CM600	20	DTA	ES83	85.8	20000				15200			13200	
	21CM600	25	DTA	ES83	84.3	19700				14200			12500	
	21CM600	25	STF	ES83	84.8	20300				14800			12800	
	21CM650	20	DTA	ES83	85.8	20000				17400			15200	
	21CM650	25	DTA	ES83	84.3	22500				16400			14200	
	21CM650	25	STF	ES83	84.8	23100				17000			14800	
	21CM650	37.5	DTA	ES83	78.8	21150				14950			12850	
	21CM650	37.5	STM	ES83	78.4	22000				15800			13700	
	21CM650	37.5	STF	ES83	79.2	22550				16350			14250	
	21CM720	37.5	DTA	ES83	73.3	27300		22700		19300			16300	
	21CM720	37.5	STM	ES83	72.9	28400		23800		20400			17400	
	21CM720	37.5	STF	ES83	73.7	25000		24300		20900			17900	
	21CM750	37.5	DTA	ES83	78.8	30800		25800		21500			18700	
	21CM750	50	DTA	ES83	73.7	30300		25300		23200			20400	
	21CM750	50	STF	ES83	73.7	30700		25700		21600			18800	
	21CM1100	50	DTA	ES83	73.7	41400		34500		29300			25000	
	21CM1100	50	STF	ES83	73.7	41800		34900		29700			24500	

SERIES	MODEL	TON				30		35		40			45	
2100	21LC1050	25	DTA	ES83	73.3	25000		25000		25000			23800	
	21LC1050	37.5	DTA	ES83	73.3	37500		32000		28000			23000	
	21LC1050	50	DTA	ES83	73.3	39700		31500		27500			24700	
	21LC1050	50	STF	ES83	73.3	40100		31900		27900			22900	
	21LC1400	50	DTA	ES84	64.5	50000		44700		38400			33600	
	21LC1400	50	STF	ES84	64.5	50000		45100		38800			34000	
	21LC1400	66	DTA	ES84	64.5	52200		43500		37200			33000	
	21LC1400	66	STF	ES84	64.5	52700		44000		37700			32900	

SERIES	MODEL	TON								40				
3000	30LC1100	23	DTA	ES85	88.8					31000				
	30LC1100	48	DTA	ES85	88.8					30000				
	30LC1100	64	DTA	ES85	88.8					31500				
	30LC1450	32	DTA	ES85	88.8					32000				
	30LC1450	48	DTA	ES85	88.8					32500				
	30LC1450	64	DTA	ES85	88.8					32000				

LUFFING-JIB

SERIES	MODEL	TON				30		35		40			45	
3000	CML165	12	RCA	ES73	56.6	7200		5400		4300			3150	
	CML190	12	RCA	ES43	62.4	8300		6500		5300			4050	
	CML190	18	RCA	ES43	62.4	8550		6750		5300			4050	
	CML280	18	RCA	ES73	51.4	13000		10300		8400			6400	
	CML310	18	RCA	ES43	56.9	14000		11200		9000			7300	
	CML310	24	RCA	ES43	56.9	13600		11200		9000			7000	
	CML560	36	RCA	ES83	75.3	26000		21000		18000			14300	
	CML800	50	RCA	ES83	69.8	37400		30500		25000			21600	
	CML800	64	RCA	ES83	69.8	36500		31600		25800			21300	

FLAT-TOP TOWER CRANES

MODEL	50	52.5	54	55	57.5	60	62.5	64	65	70	74	75	80	85
11CM132	2100	2000		1750	1400	1200								
11CM132	1900	1800		1550	1200	1000								
11CM160	2900	2500		2400	2200	2000	1650		1400					
11CM160	2700	2300		2200	2000	1800	1450		1200					

MODEL	50			55		60			65	70				
16CM185	3400			2700		2200			1800					
16CM185	3200			2500		2000			1600					
16CM185	3400			2700		2200			1800					
16CM185	3200			2500		2000			1600					
16CM220	4200			3400		2700			2150					
16CM220	4000			3200		2500			1950					
16CM220	4200			3400		2700			2150					
16CM220	4000			3200		2500			1950					
16CM260	5000			4200		3400			2700	2150				
16CM260	5200			4000		3200			2500	1950				
16CM260	5000			4200		3400			2700	2150				
16CM260	5200			4000		3200			2500	1950				

MODEL	50		54			60		64		70	74		80	
21CM335	6100		5800			4500		4000		3000	2700			
21CM335	6600		5800			4500		4000		3000	2700			
21CM450	9400					7000		6000		5000	4200		3000	
21CM550	10500					9000		6700		6100	4400		4000	
21CM550	10600					8600		6300		5700	4000		3600	
21CM550	10000					8000		5700		5100	3400		3000	

MODEL	50			55		60			65	70		75	80	
21CM600	11500			10400		9800			8500	7000		5300	4500	
21CM600	11700			10600		9400			8100	6600		4900	4100	
21CM600	11100			10000		8800			7500	6000		4300	3500	
21CM650	13500			12000		10200			8700	7000		5300	4500	
21CM650	12500			12200		10400			8300	6600		4900	4100	
21CM650	13100			11600		9800			7700	6000		4300	3500	
21CM650	12500			12000		10200			8100	6400		4700	3900	
21CM650	12000			10500		8700			6600	4900		3200	2400	
21CM650	12550			11050		9250			7150	5450		3750	2950	
21CM720	13800			12500		12000			10200	8500		6900	5500	
21CM720	14900			12600		10900			9100	7400		5800	4400	
21CM720	15400			13100		11400			9600	7900		6300	4900	
21CM750	16500			14500		12500			11400	9400		8100	7300	
21CM750	18200			16200		13750			10800	8800		7500	6700	
21CM750	16600			14400		11950			9000	7000		5700	4900	
21CM1100	23200			20000		18000			15700	14400		11900	10000	
21CM1100	21400			18200		16200			13900	12600		10100	8200	

MODEL	50			55		60			65	70		75	80	85
21LC1050	21300			19100		16800			14800	12800		12400	10800	
21LC1050	20500			18300		16000			14000	12500		12400	10800	
21LC1050	22200			20000		17700			15700	13700		11800	10200	
21LC1050	20400			18200		15900			13900	11900		10000	8400	
21LC1400	29800			26700		25000			20900	18700		14600	13200	9700
21LC1400	30200			27100		24500			19200	17000		12900	11500	8000
21LC1400	30900			27800		25200			19900	17700		13600	12200	8700
21LC1400	29100			26000		23400			18100	15900		11800	10400	6900

MODEL	50									70			80	
30LC1100	23500									15000			11000	
30LC1100	22500									15000			11000	
30LC1100	24000									13500			9500	
30LC1450	32000									19000			15000	
30LC1450	32000									18000			15000	
30LC1450	32000									19500			13500	

LUFFING-JIB

MODEL	50			55		60			65					
CML165	2300													
CML190	3150			2300		1550								
CML190	3150			2300		1550								
CML280	5100			3900		2900								
CML310	5800			4600		3500								
CML310	5200			4300		3200								
CML560	12100			9600		7600			5100					
CML800	17200			13800		11200			8700					
CML800	16900			13600		11000			8500					

PROJECTS



Anji Khad Bridge in India



L&T, Rajpura NDCT Project



BE Billimoria, The Park Project, Mumbai



HCC Anji Khad Project



KEF (Kattera India), Lulu Mall Project, Lucknow



Shapoorji Pallonji. Tata Housing Project, Bangalore



Aurobindo Reality, The Galaxy Tower, Hyderabad



My Home, GREVA Project, Hyderabad

PROJECTS



Bridges



**Cebú–Córdova Link Expressway
in the Philippines**



**The MahaNakhon tower: the
tallest building in Thailand**



**Gordie Howe International Bridge between the
USA and Canada**



**Construction of the Puente de la Pepa bridge in
Cadiz, Spain**



**“Nhat Tan” Bridge, in
Hanoi, Vietnam**



**Skyscrapers and High-rise
buildings**



**Almost 200-metre office
building in HangZhou
technology and industrial zone**



**OEM
PARTNER**



**CHANNEL
PARTNER**



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HEADQUARTERS

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CENTRAL WORKSHOP

62/2B, New No.99, Old No.144, Padur Village, Poonamalle Taluk,Thiruvallur District, Sriperumbudur, Chennai, Tamil Nadu-602 105.

NOIDA BRANCH

NPX Tower, Unit No. 530, P5 Floor, Sector -153, Noida Expressway, Noida, Uttar Pradesh-201 310.

MUMBAI BRANCH

401, Sanjay Appa Chambers, Guru Hargovindji Rd. Near JB Nagar Metro Station, Andheri East, Mumbai, Maharashtra-400 059.