

eme

EASILY MOVED EQUIPMENT

Water and Wastewater

The **eme** Wastewater Infrastructure solution consists of our world leading aluminum lightweight Gantry Crane, Davit Crane & Sockets. Using our solutions together, a facility can eliminate expensive overhead cranes and redundant davit placements.



eme WASTEWATER INFRASTRUCTURE SOLUTION

Our wastewater solution consists of the **eme** Gantry Crane and the **eme** Davit Crane. As one of the only global manufacturers of both aluminum Gantry and Davit Cranes, we are able to offer customers a comprehensive package that eliminates the costs and problems associated with legacy solutions.

Mobility and portability are the key attributes of the unique **eme** lifting solution. The **eme** aluminum Gantry Crane can easily be built over pipes, pumps or built in tight spaces or on walkways. With lifting capacity from 1/2 tonnes to 10 tonnes, it can execute a wide range of lifts and often replaces expensive and cumbersome overhead cranes.

The **eme** Davit Crane and Socket are used to retrieve submerged pumps for maintenance. With lifting capacity up to 2,200 lbs, our unique Davit and Socket Service Network (DSSN) enables a single lightweight Davit, weighing 34 lbs, to service a diverse network of bases. Simply install a Socket at the required lift locations and use the lightweight **eme** Davit Crane to service that Socket at the time a lift is required. The DSSN has multiple benefits including favorable TCO, less floorspace consumed and higher performance over the life of the Davit since it can be stored in a safe location away from weather exposure.

The DSSN creates an easy to expand service network. Your water and wastewater infrastructure needs will likely grow over the long run, and the DSSN is built to accommodate that growth. Simply add another Socket to expand the network and use your **eme** Davit Crane to service the new location.

Lift It... Move It... *Safely!*

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FOCUS ON THE ENVIRONMENT

Wastewater facilities are at the leading edge of promoting environmental sustainability. Our Gantry and Davit Cranes are made of aluminum, which is one of the most environmentally friendly materials since it's a permanent material that is efficient to recycle. Minimizing the amount of materials through re-use is key to reducing the long-term environmental footprint. Our mobile Davits and Socket Service Network was created with the goal of material re-use. Build one Davit and use it many times across multiple Sockets, reducing the environmental impact in the process.

Standard eme Gantry Crane Models

Pro Series	Lift Cap (lb)	Proof Load (lb)	Lift Range (in)	Max Assembled Height (in)	Std Beam Length (ft)	Max Beam Length (ft)	Height Adjust (in)	Caster Spread (in)	Assembled Gantry Weight (lb) ^(a)	Moveable Under Load?	Cantilever Capable?	Split Beam Capable?
1100R	1,100	1,650	66-90	105	8	30.0	6	48	235	✓	✓	✓
2200R	2,200	3,300	66-90	105	8	26.0	6	48	255	✓	✓	✓
2200LW	2,200	3,300	82-122	138	10	26.0	8	65	285	✓	✓	✓
4400M	4,400	6,600	66-90	105	10	15.0	6	48	275	✓	✓	✓
4400R	4,400	6,600	82-122	138	10	15.0	8	65	335	✓	✓	✓
4400T	4,400	6,600	98-138	153	15	15.0	8	67	365	✓	✓	✓
4400XT	4,400	6,600	120-176	191	15	15.0	8	84	400	✓	✓	✓
6600R	6,600	9,900	106-154	178	15	16.5	8	73	550	✓	✓	
11000R	11,000	16,500	106-154	178	15	16.5	8	73	680	✓	✓	
16500R	16,500	20,625	100-142	173	15	15.0	7	81	900	✓	✓	
22000R	22,000	27,500	97-139	169	15	15.0	7	81	905	✓	✓	
Can Feature be Customized?	✓		✓	✓		✓	✓				✓	✓

(a) Excludes the weight of the beam trolley. Beam trolley weights are as follows: 4400 series, 15lbs; 6600R/11000R, 35lbs; 16500R, 55lbs; 22000R, 70lbs

Standard eme Davit Crane Models

MODEL	CHAIN HOIST OR WINCH REQUIRED	CAP	LOAD TEST	RADIUS		RADIUS ADJ.	LIFT HEIGHT		ASSEMBLED WEIGHT
				MIN.	MAX.		MIN.	MAX.	
		(LB)	(LB)	(IN)	(IN)	(No.)	(IN)	(IN)	(LB)
1100 CH	CHAIN HOIST	1100	1650	38	44	5	78	84	34
1100W	WINCH	1100	1650	40	46	3	78	84	34
2200CH	CHAIN HOIST	2200	3300	38	44	5	89	95	43
2200W	WINCH	2200	3300	40	46	5	78	84	43
3300CH	CHAIN HOIST	2200	3300	24	72	5	Custom	Custom	Variable
3300CH	CHAIN HOIST	1100	1650	24	84	5	Custom	Custom	Variable

eme Variable Radius Arm

VRA300	SPEC SHEET	300	450	36	120	Varies	120	120	55
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