

PORTABLE ALUMINUM DAVIT CRANES · 1,100 – 2,200 LB

## Lightweight Davits. Yellow Sockets. One Portable Lifting Network.

Three davit configurations on a single socket-engagement platform — 1100 Series (38 lb, ½ tonne), 2200 Series (43 lb, 1 tonne), and the 3300CH extended-reach variant. Each davit drops into compatible **eme** sockets with zero tools, rotates under load on the Smooth Glide System, and travels socket-to-socket to service every lift point on the site. The VRA300 companion arm extends working radius at a 300 lb rated load.

**MADE IN**  
North America

**PARTS**  
North American Sourced

**RATED FOR**  
North American Conditions

**WARRANTY**  
10 Years

GEN II DAVIT CRANES

### eme Gen II — Three Configurations. One Socket Platform.

MODEL	HOIST TYPE	CAPACITY (LB)	DESIGN-QUAL. LOAD (LB)	RADIUS MIN (IN)	RADIUS MAX (IN)	RADIUS ADJ. (POSITIONS)	LIFT HEIGHT MIN (IN)	LIFT HEIGHT MAX (IN)	ASSEMBLED WT (LB)
1100CH	CHAIN HOIST	1,100	1,650	38	44	5	78	84	38
1100W	WINCH	1,100	1,650	40	46	3	78	84	38
2200CH	CHAIN HOIST	2,200	3,300	38	44	5	89	95	43
2200W	WINCH	2,200	3,300	40	46	5	78	84	43
3300CH	CHAIN HOIST	2,200	3,300	24	72	5	Custom	Custom	Variable
3300CH	CHAIN HOIST	1,100	1,650	24	84	5	Custom	Custom	Variable

VARIABLE RADIUS ARM

### eme VRA300 — Reach Extension for the Davit Line.

MODEL	CONFIGURATION	CAPACITY (LB)	DESIGN-QUAL. LOAD (LB)	RADIUS MIN (IN)	RADIUS MAX (IN)	RADIUS ADJ.	LIFT HEIGHT MIN (IN)	LIFT HEIGHT MAX (IN)	ASSEMBLED WT <sup>2</sup> (LB)
VRA300	REACH EXTENSION	300	450	36	120	Varies	120	120	55

**CONFIGURATION & COMPATIBILITY NOTES**

- **3300CH** — Built to job: custom radius and lift heights, maximum rated capacity 2,200 lb (radius up to 72 in) or 1,100 lb (radius up to 84 in). Assembled weight varies with configuration.
- **VRA300** — <sup>2</sup> Assembled weight includes the beam trolley and electric chain hoist.
- **2200CH / 2200W** — Compatible with 42" Top Mount and Side Mount Sockets.
- **1100CH / 1100W** — Compatible with 42" Top Mount, Side Mount, or Flush + 8" Top Mount sockets via the Socket Extender (rated up to 1,100 lb).
- **Final compatibility** depends on the exact davit, socket, hoist, and rated configuration. Confirm at quote.

STANDARDS, WELDING CERTIFICATION & TESTING

### Engineered, Welded, Load-Tested Before Shipment.

29 CFR 1910.179(k)(2) caps the rated-load test at 125% unless the manufacturer recommends otherwise; **eme**'s per-unit production test is 125% of rated capacity, on the Certificate of Test that ships with each davit. The design is separately qualified at 150% of rated load on the engineer-stamped drawing — the design-qualification load in the table above. Davits are engineered to applicable ASME and CSA lifting requirements and welded under **CSA W47.2** certification by qualified aluminum welders (Canadian Welding Bureau). 10-year warranty on the crane, 2-year on the casters.