

BUILT LIGHT. MATCHED TO YOUR CRANE.

The **eme Eagle Beam** is a proprietary aluminum lifting beam engineered as an accessory for **eme** gantries, **eme** davit cranes, and the broader class of small-to-mid capacity portable cranes. Rated from 1,000 to 10,000 lbs. ASME B30.20 and ASME BTH-1 Category B compliant.

1,000–10,000
CAPACITY (LBS)

UP TO 87%
LIGHTER THAN STEEL

ASME B30.20
BTH-1 COMPLIANT

3:1
DESIGN SAFETY FACTOR

ALUMINUM ADVANTAGE FOR PORTABLE-CRANE WORK

SEE WHAT YOUR CRANE ISN'T CARRYING.

1,000 LB CAPACITY · 25' SPREAD

STEEL	1,340 lbs
EAGLE	273 lbs
-1,067 lbs saved	

2,000 LB CAPACITY · 21' SPREAD

STEEL	1,095 lbs
EAGLE	232 lbs
-863 lbs saved	

4,000 LB CAPACITY · 21' SPREAD

STEEL	1,730 lbs
EAGLE	232 lbs
-1,498 lbs saved	

10,000 LB CAPACITY · 10' SPREAD

STEEL	390 lbs
EAGLE	120 lbs
-270 lbs saved	

Steel comparison based on published / catalog steel lifting-beam weights for equivalent rated capacity and spread. Exact steel beam weight varies by manufacturer, service class, and configuration.

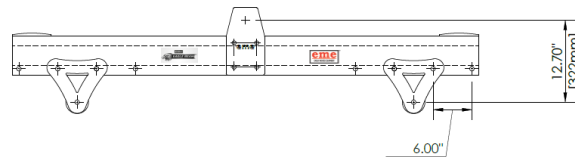
TECHNICAL SPEC MATRIX

CAPACITY & WEIGHT BY SPREAD · BEAM WEIGHT (LBS)

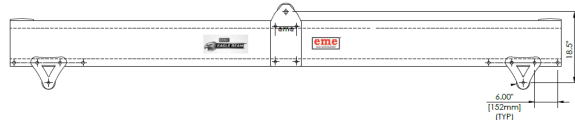
CAPACITY	2-3'	3-4'	4-6'	6-8'	8-10'	10-12'	12-14'	14-16'	16-18'	18-20'	20-22'	22-24'	24-26'	26-28'
10,000 lb	49	60	80	100	120	—	—	—	—	—	—	—	—	—
6,000 lb	32	37	48	100	120	141	161	181	201	—	—	—	—	—
4,000 lb	32	37	48	60	71	141	161	181	201	222	242	—	—	—
2,000 lb	32	37	48	60	71	82	161	181	201	222	242	262	—	—
1,000 lb	32	37	48	60	71	82	93	104	116	127	242	262	283	303

Estimated beam weight (lbs) at each spread position. All capacities ASME B30.20 / BTH-1 compliant with a 3:1 design factor. Rated for symmetrical lifts only. Dashes indicate spreads not offered at that capacity. Custom spreads and lengths available — contact eme.

EME EAGLE BEAM 3x6 COMPACT — MAX 6,000 LBS



EME EAGLE BEAM 3x12 HIGH CAPACITY — MAX 10,000 LBS



ENGINEERED FOR: eme gantries, eme davit cranes, service truck cranes, portable gantries, mobile lifting frames, spider cranes, small jib cranes, monorails — rated to 10,000 lbs.
NOT FOR: Crawler cranes, tower cranes, shipyard derricks — use steel spreaders rated to their equipment.

EME CRANE ACCESSORY LINES
ACCESSORY LINES

EME EAGLE BEAM · COMPACT ACCESSORY LINE

1,000 – 6,000 lbs · up to 20 ft

For eme gantries (1100R, 2200R, 4400R, 6600R), eme davit cranes, service truck cranes, spider cranes, and small jib cranes in the 1,000–6,000 lb class.

EME EAGLE BEAM · HIGH CAPACITY ACCESSORY LINE

1,000 – 10,000 lbs · up to 28 ft

For eme gantries (11000R, 22000R), mid-capacity spider cranes, larger service truck cranes, and similar portable cranes in the 6,000–10,000 lb class.

STANDARDS & DESIGN BASIS
BUILT TO STANDARD

ASME B30.20
Built for applicable ASME B30.20 below-the-hook lifting device requirements. Every Eagle Beam is proof-load tested to 125% of rated capacity per ASME B30.20 §20-1.2.4 before shipment, with Certificate of Test.

ASME BTH-1
Designed to ASME BTH-1 — Design Category B, Service Class 0 — for portable below-the-hook use. 6061-T6 aluminum structural members and end plates.

3:1 SAFETY FACTOR
Every eme Eagle Beam is rated with a 3:1 design factor. Built with North American material and components — engineered to match the cranes it pairs with.

WHO WE ARE
ABOUT EME

eme — Easily Moved Equipment — builds portable aluminum lifting equipment trusted across North America since 2003. Gantry cranes, davit cranes, and the crane accessories that pair with them — engineered to work together.

The **eme Eagle Beam** is the lifting beam accessory in that crane line. Same aluminum engineering as our gantries and davits. Purpose-built to pair with them.

Matched to your crane. Built like eme.