

Easy Operator — Ratchet & Pawl Design

RA Model Ratchet Lever Hoist

COFFING RA Model - Aluminum ratchet lever hoists utilize a ratchet and pawl design. The RA is ideal for transmission and distribution utility applications where a disc brake mechanism is not desirable.

- **CAPACITIES & LIFT** - Rated loads from 3/4 to 6 Tons, with 5-foot standard lift. Other lifts available.
- **RUGGED** - Unit and handle made from high strength ductile aluminum alloy for corrosion resistance and portability.
- **FREE CHAINING MECHANISM** - Allows quick and easy one-handed take-up and positioning of slack chain. Will not accidentally free chain when under load.
- **RATCHET AND PAWL DESIGN** - Provides easy operation and freedom from maintenance. One pawl is always engaged with the ratchet during lifting and lowering operations, so handle will not ratchet when lowering a load if handle is unintentionally released.
- **OPEN BODY CONSTRUCTION** - Permits easy inspection of suspension hook assembly.
- **HANDLE STOPS** - Keep handle from spinning in case operator's hand accidentally slips off the handle.
- **MULTIPLE RIGGING OPTIONS** - Hoist can lift, pull, or bind. Can be operated from either side and will work in any position with equal efficiency.
- **TOP SLING MODELS** - Allow secure fastening around posts, beams, and other anchor points for easy rigging. RAR model has 30" sling with grab hook. RADO model has a 15" sling with a standard hook.
- **OPTIONS** - Bullard hooks, bronze hooks, zinc-plated hooks, and zinc-plated chain - consult factory.
- **LIFETIME WARRANTY**



3/4 - 6 Ton
Made in USA

SPECIFICATIONS

RA Ratchet Lever Hoist

Capacity		Model Number*	Strands of Load Chain	Minimum Distance Between Hooks (In.)	Handle Length (In.)	Minimum Increment (In.) †	Average Handle Effort (Lbs.)	Net Weight (Lbs.)
Lbs.	Tons							
1500	3/4	RA-15	1	12 ⁷ / ₁₆	20 ¹ / ₂	.451	59	12 ¹ / ₄
2000	1	RA-20	1	12 ⁷ / ₁₆	20 ¹ / ₂	.451	79	12 ¹ / ₄
3000	1 ¹ / ₂	RA-15-2	2	17 ¹ / ₄	20 ¹ / ₂	.226	60	18
3000	1 ¹ / ₂	RA-30	1	13 ³ / ₄	20 ¹ / ₂	.256	82	23
4000	2	RA-40	1	13 ³ / ₄	20 ¹ / ₂	.256	109	23
6000	3	RA-30-2	2	17 ¹ / ₄	20 ¹ / ₂	.128	93	35
9000	4 ¹ / ₂	RA-30-3	3	22	20 ¹ / ₂	.085	96	53
12000	6	RA-30-4	4	22	20 ¹ / ₂	.064	97	63

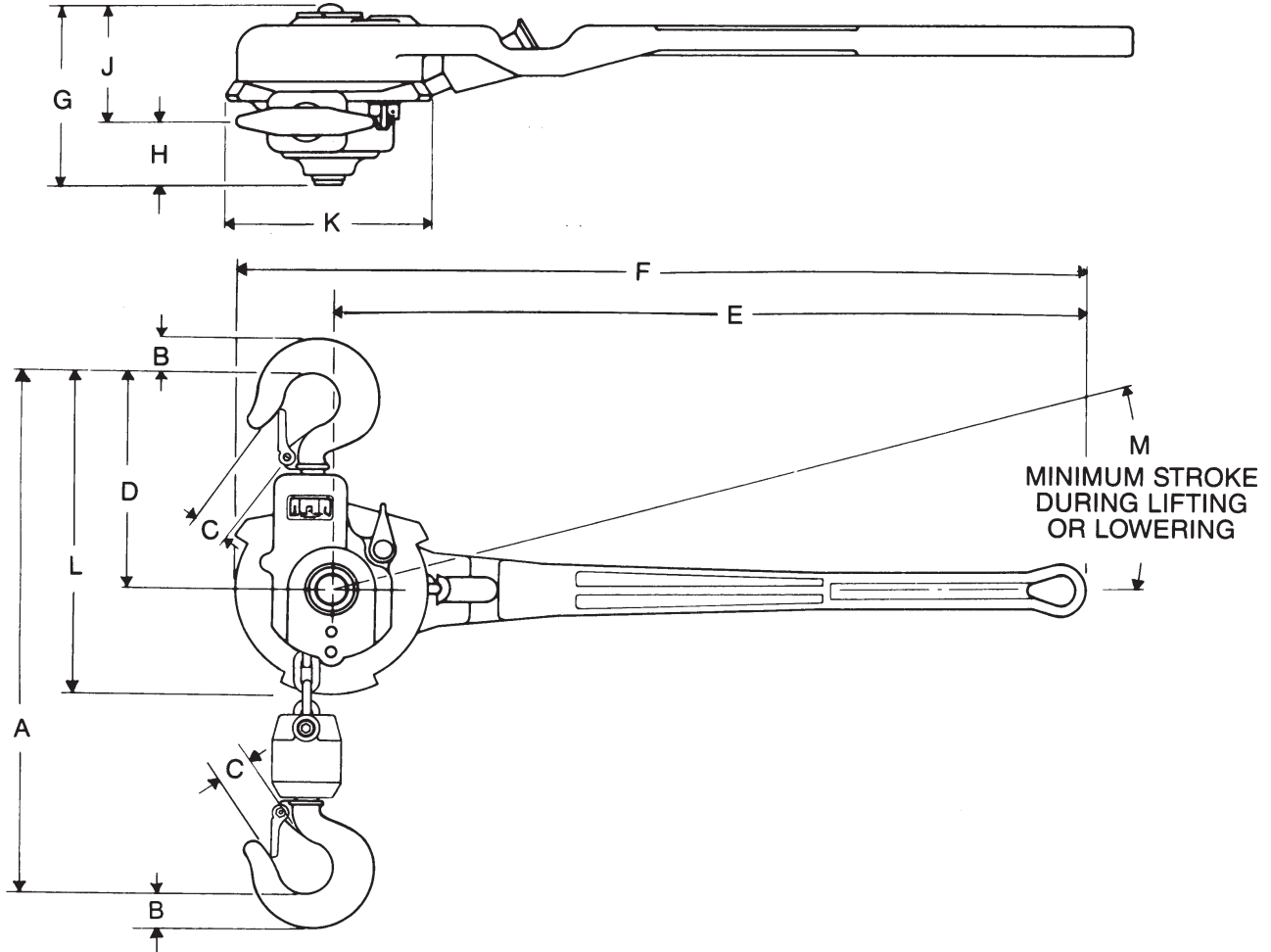


* Designate RAR model for 30" top sling with grab hook, or RADO model for 15" top sling with standard hook. Longer sling lengths available.

† Minimum increment in lifting or lowering position.

NOTE: For complete dimensional data, refer to Coffing Dimensional Databook.

RA 3/4 - 6 Ton



Dimensions

Model Number	Rated Load		A	B	C*	D	E	F	G	H	J	K	L	M
	(Lbs.)	(Ton)												
RA-15	1500	3/4	12 ⁷ / ₁₆	1	1	6	20 ¹ / ₂	23	4 ⁵ / ₈	1 ⁵ / ₈	3	5 ¹ / ₄	9	36°
RA-20	2000	3/4	12 ⁷ / ₁₆	1	1	6	20 ¹ / ₂	23	4 ⁵ / ₈	1 ⁵ / ₈	3	5 ¹ / ₄	9	36°
RA-15-2	3000	1 ¹ / ₂	17 ¹ / ₄	1 ⁵ / ₁₆	1	7 ¹ / ₈	20 ¹ / ₂	23 ³ / ₄	4 ⁵ / ₈	1 ⁵ / ₈	3	5 ⁵ / ₈	10 ¹ / ₈	36°
RA-30	3000	1 ¹ / ₂	13 ³ / ₄	1 ¹ / ₈	1 ¹ / ₈	7 ¹ / ₄	20 ¹ / ₂	24 ³ / ₄	7	2 ⁷ / ₈	4 ¹ / ₈	6 ⁷ / ₈	10 ¹ / ₄	36°
RA-40	4000	1 ¹ / ₂	13 ³ / ₄	1 ¹ / ₈	1 ¹ / ₈	7 ¹ / ₄	20 ¹ / ₂	24 ³ / ₄	7	2 ⁷ / ₈	4 ¹ / ₈	6 ⁷ / ₈	10 ¹ / ₄	36°
RA-30-2	6000	2	17 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₁₆	6 ⁷ / ₈	20 ¹ / ₂	24 ³ / ₄	7	2 ⁷ / ₈	4 ¹ / ₈	7 ¹ / ₄	9 ⁷ / ₈	36°
RA-30-3	9000	4 ¹ / ₂	22	1 ³ / ₈	1 ¹ / ₁₆	7 ¹ / ₂	20 ¹ / ₂	24 ³ / ₄	7	2 ⁷ / ₈	4 ¹ / ₈	8 ¹ / ₈	10 ¹ / ₂	36°
RA-30-4	12000	6	22	1 ³ / ₄	1 ¹ / ₁₆	8 ¹ / ₂	20 ¹ / ₂	24 ³ / ₄	7	2 ⁷ / ₈	4 ¹ / ₈	9 ³ / ₄	11 ¹ / ₂	36°

* Hook throat opening with latch.

Note: Where clearance dimensions are critical, request certified print.

All dimensions are in inches unless otherwise indicated.