

Model 85R

Adjustable Load Lifter

What happens when you take a legendary lifter and add rotation? A star is born! Caldwell's Model 85R is an industry favorite, in use in manufacturing facilities all over the world. And if you work in paper mills, steel mills or other severe-duty environments, our Mill Duty line, built for extreme temperatures, higher capacities, and higher load cycles, is ready to do the work. Call for info.

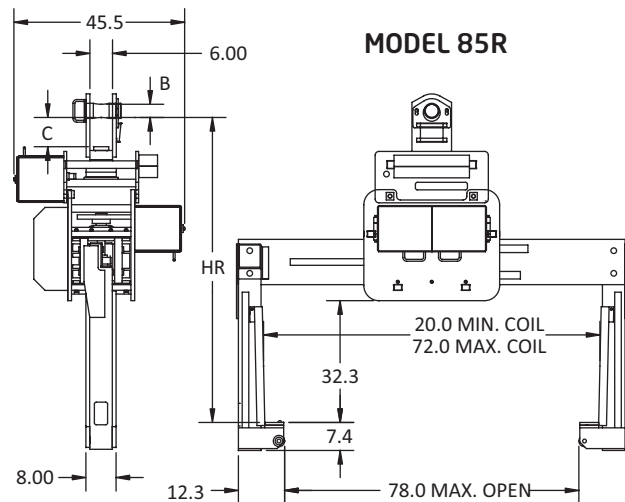
Product Features:

- Motorized leg drive maximizes the efficient handling of coils
- Leg drive speed - 2.8" per second
- Narrow aisle stacking maximizes coil storage floor space
- Curved lifting pads for coil protection
- High impact plastic toe rollers prevent lifter foot contact
- Anti-clamp limit switch protects coil during closing of lifter
- Heavy-duty torque limiting drive protection during maximum open/closed conditions
- Lockout limit switch prevents inadvertent leg opening during lift
- Alloy steel pin bail
- Easily replaceable slide wear guides
- Design allows for easy maintenance access to drive components
- Designed to operate on AC power supply
- Motorized 350° rotation at approximately 2 RPM
- Complies with ASME standards



Model Number	Capacity (tons)	Dimensions (inches)						Weight (lbs.)
		Coil Width		HR Headroom	Throat	Pin/Bail		
		Min.	Max.			B	C	
85R-15-72	15	20	72	79-1/8	32	3	8	4200
85R-20-72	20	20	72	79-1/8	32	3	8	4300
85R-25-72	25	20	72	80-7/8	32	3-1/2	7-3/4	4600
85R-33-72	33	20	72	80-7/8	32	3-1/2	7-3/4	4700

Other sizes available, consult factory.



Outside width at 20" minimum coil dimension is 79-1/2".
NOTE: Dimensions shown in inches.

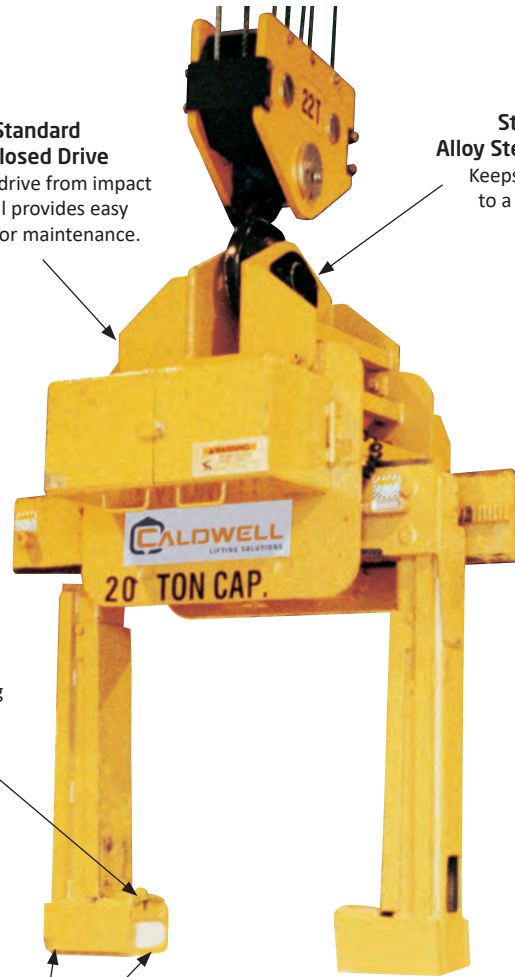
Customize Your Model 85 With:



Optional Motorized Bail Rotation
Allows for independent and precise positioning of the load or the lifter.

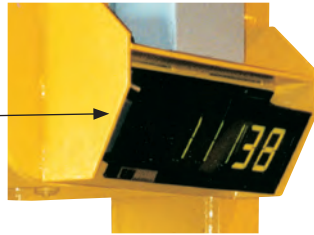
Standard Enclosed Drive
Protects drive from impact yet still provides easy access for maintenance.

Standard Alloy Steel Lifting Pin
Keeps headroom to a minimum.

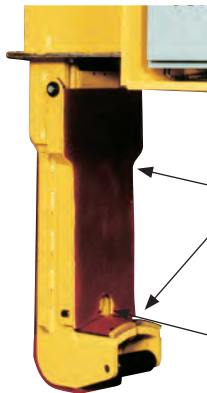


Standard Lockout Limit Switch
Prevents inadvertent leg opening during lift.

Optional Built-In Load Scale
With digital readouts for precise coil weight.



Standard Anti Clamp & Toe Rollers
Protects sides of coil from lifter damage.



Optional Urethane Padding
Urethane coil edge protection attached to legs, feet, or both.

Optional I.D. Photo-Electric Sensor
Photo-electric sensor indicates lifter foot alignment with coil I.D.

Optional Lift Beam
Perform other lifts without the need to remove the grab from the crane hook.



ADDITIONAL OPTIONS

Optional Parking & Maintenance Stands
Provides storage for lifter when not in use and easy access for normal inspection & maintenance. See page 67.

Optional Severe-Duty Drive Package
For high-cycle operations.

Optional Indicator Lights
Visual indicator for various functions.

Optional Controls
Can include starter with overload, VFD (variable frequency drive) NEMA-12 enclosure and pigtail.