

# Rig-Release<sup>®</sup> Manual Releasing Hook



The Caldwell Group

## Model RR - Manual Release Unit

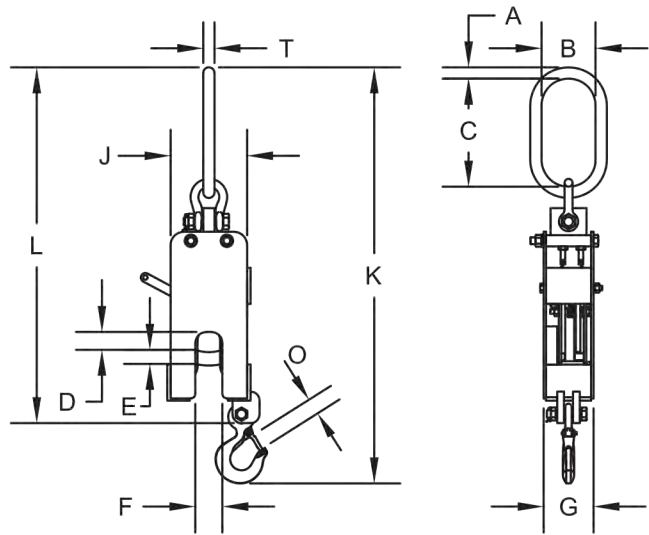


### PRODUCT FEATURES:

- Rope Guide allows rigging to be released when hook is either above or beside the operator. If hook is located below the operator please see Upward Pull option on page E.20.
- Designed for rugged outdoor use.
- Easy to use - simply rig, lift, set and release.
- LOCK & CAPTURE feature engages with very little load weight (see Minimum Load in chart below).
- Rated load capacity can be lifted from either Lift Arm or the lower Strip Sling Hook. Do not exceed rated capacity of hook.
- Oversized bail for easy mounting on crane hook - 5, 10 & 15 ton units provided with fixed bail.
- Designed and manufactured to ASME standards.



1 Ton Unit Shown



Patent No. 7,380,849

### SPECIFICATIONS - Manual Release

Model Number	Rated Cap. (tons)	Dimensions (inches)								Bail Dimensions (inches)				Weight (lbs.)
		D	E	F	G	J	K	L	O	A	B	C	T	
RR-1	1	1.15	0.75	1.25	2.77	4.25	23.10	19.75	0.89	0.63	3.00	6.00	0.63	14
RR-2.5	2.5	1.75	1.00	1.50	4.25	9.56	31.67	26.88	1.09	0.63	3.00	6.00	0.63	45
RR-5	5	1.83	1.50	1.50	5.00	11.13	36.40	30.75	1.36	2.00	4.00	7.00	1.25	110
RR-10	10	2.25	1.75	2.00	6.31	11.00	41.16	32.13	2.08	2.00	4.00	7.00	1.25	200
RR-15	15	3.00	2.50	2.50	6.31	15.00	49.25	39.25	2.27	2.50	5.00	9.00	1.50	325

NOTE: For larger capacities see page E.21.

### SPECIFICATIONS

Model Number	Rated Capacity (tons)	Rigging				
		*Minimum Load (lbs.)		Recommended Lifting Slings	**Maximum Allowable Rigging Weight (lbs.)	
		Basket	Choker	Rope Dia. (inches)	Basket	Choker
RR-1	1	30	15	3/8	14	7
RR-2.5	2.5	80	40	5/8	28	14
RR-5	5	230	115	7/8	60	30
RR-10	10	230	115	1-1/4	100	50
RR-15	15	400	200	1-1/2	100	50



Chart data is based upon the minimum number of springs.

\*If minimum load weight is not met, safety mechanism will not engage into the LOCK & CAPTURE position.

\*\*If maximum allowable rigging weight is exceeded, unit will remain in the LOCK & CAPTURE position and can not be released.

If the maximum allowable rigging weight needs to be increased, additional springs can be added, refer to the Instruction Manual.

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# Rig-Release<sup>®</sup> Manual Releasing Hook



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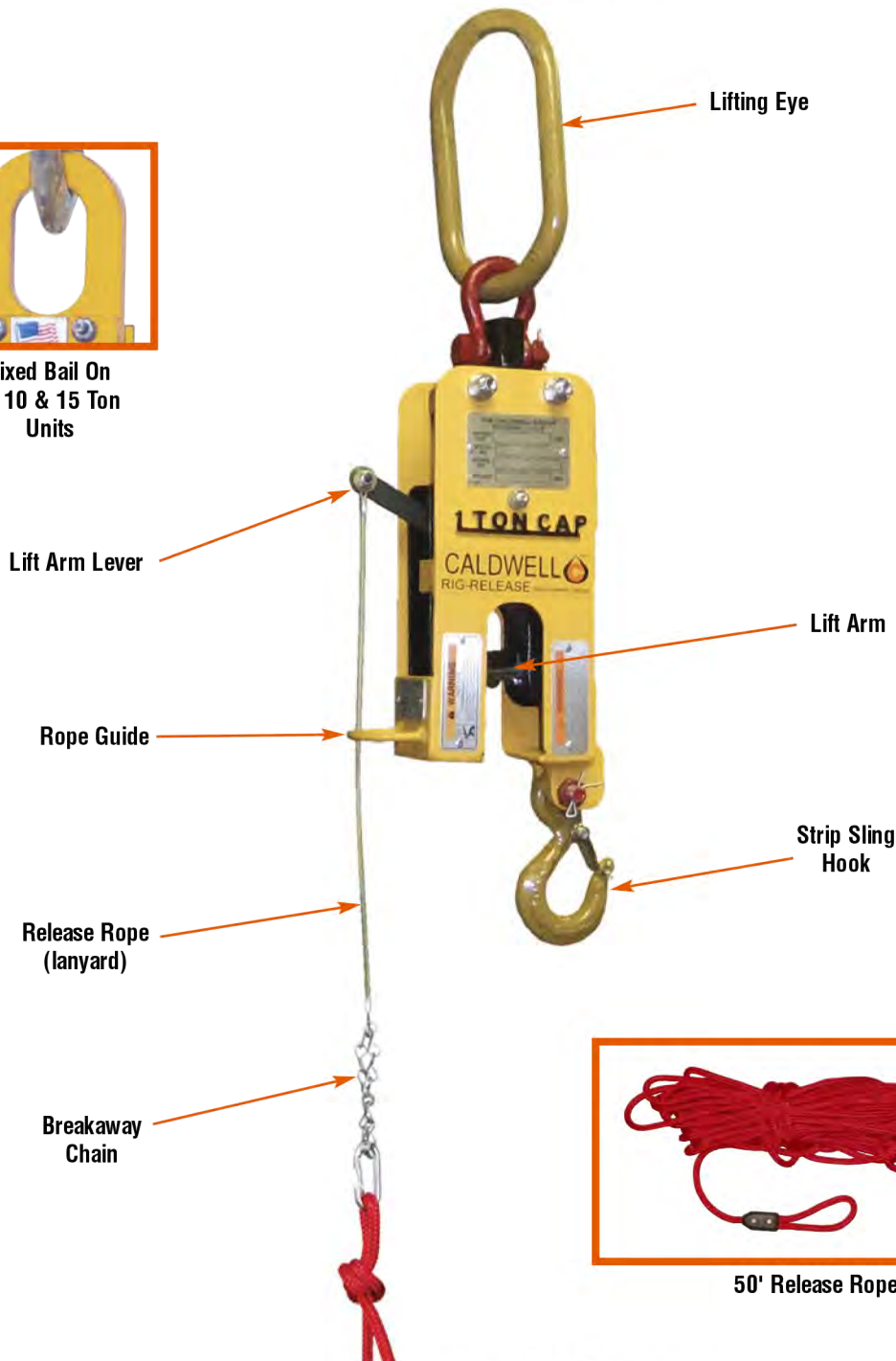
The Rig-Release<sup>®</sup> Remote Releasing Hook will allow you to set loads – and then – quickly, efficiently and safely release the sling from a safe distance. The Rig-Release<sup>®</sup> simply hooks to your crane or spreader beam. Attach the lifting sling(s) directly to the Rig-Release<sup>®</sup> and rig the load. Once the load is set, and the load line is slack, pull the Release Rope to release the sling(s). No need for a man lift on site or to have a worker crawl out (or up) just to disconnect sling(s). It's all done from a safe distance.

## SAFETY FEATURES:

- When the minimum load is applied, the Inner Body Assembly sits in the LOCK & CAPTURE position and **CAN NOT** be released.
- Inner Body Assembly only allows slings to release when the load line is slack.
- Release Rope has built in Breakaway Chain to prevent damage to the Inner Body Assembly.
- Additional springs can be added to accommodate heavier sling weights.



Fixed Bail On  
5, 10 & 15 Ton  
Units



**Manual Rig-Release<sup>®</sup> Hooks  
Come With Everything Shown.**

# Rig-Release® Radio Releasing Hook

## Model RR-R - Radio Controlled Release Unit

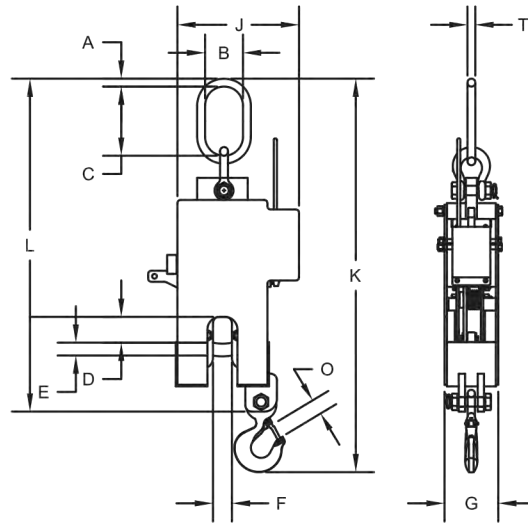


2-1/2 Ton Unit Shown

### PRODUCT FEATURES:

- Allows rigging to be released from a safe distance with the push of a button.
- Designed for rugged outdoor use.
- Easy to use - simply rig, lift, set and release.
- LOCK & CAPTURE feature engages with very little load weight (see Minimum Load in chart below).
- Includes two 12 VDC 0.8 Amp Hr. sealed maintenance free lead acid batteries (rechargeable).
- Includes one charger, and one vehicle adapter for standard 12 VDC vehicle outlets.
- Battery life lasts through an 8 hour shift, depending on frequency of operation.
- Minimum required cycle time is 1 - 2 minutes between releases.
- Oversized bail for easy mounting on crane hook, 5 ton unit provided with fixed bail.
- Designed and manufactured to ASME standards.

**INSTOCK PROGRAM**



Patent No. 7,380,849

### SPECIFICATIONS - Radio Release

Model Number	Rated Cap. (tons)	Dimensions (inches)								Bail Dimensions (inches)				Weight (lbs.)
		D	E	F	G	J	K	L	O	A	B	C	T	
RR-2.5R	2.5	1.75	1.00	1.50	4.25	9.56	31.15	26.88	1.09	0.63	3.00	6.00	0.63	50
RR-5R	5	1.83	1.50	1.50	5.00	11.13	36.40	30.75	1.36	2.00	4.00	7.00	1.25	115

NOTE: For larger capacities see page E.21.

### SPECIFICATIONS

Model Number	Rated Capacity (tons)	Rigging				
		*Minimum Load (lbs.)		Recommended Lifting Slings	**Maximum Allowable Rigging Weight (lbs.)	
		Basket	Choker	Rope Dia. (inches)	Basket	Choker
RR-2.5R	2.5	80	40	5/8	28	14
RR-5R	5	250	125	7/8	60	30



\* If minimum load weight is not met, safety mechanism will not engage into the LOCK & CAPTURE position.

\*\* If maximum allowable rigging weight is exceeded, unit will remain in the LOCK & CAPTURE position and can not be released.

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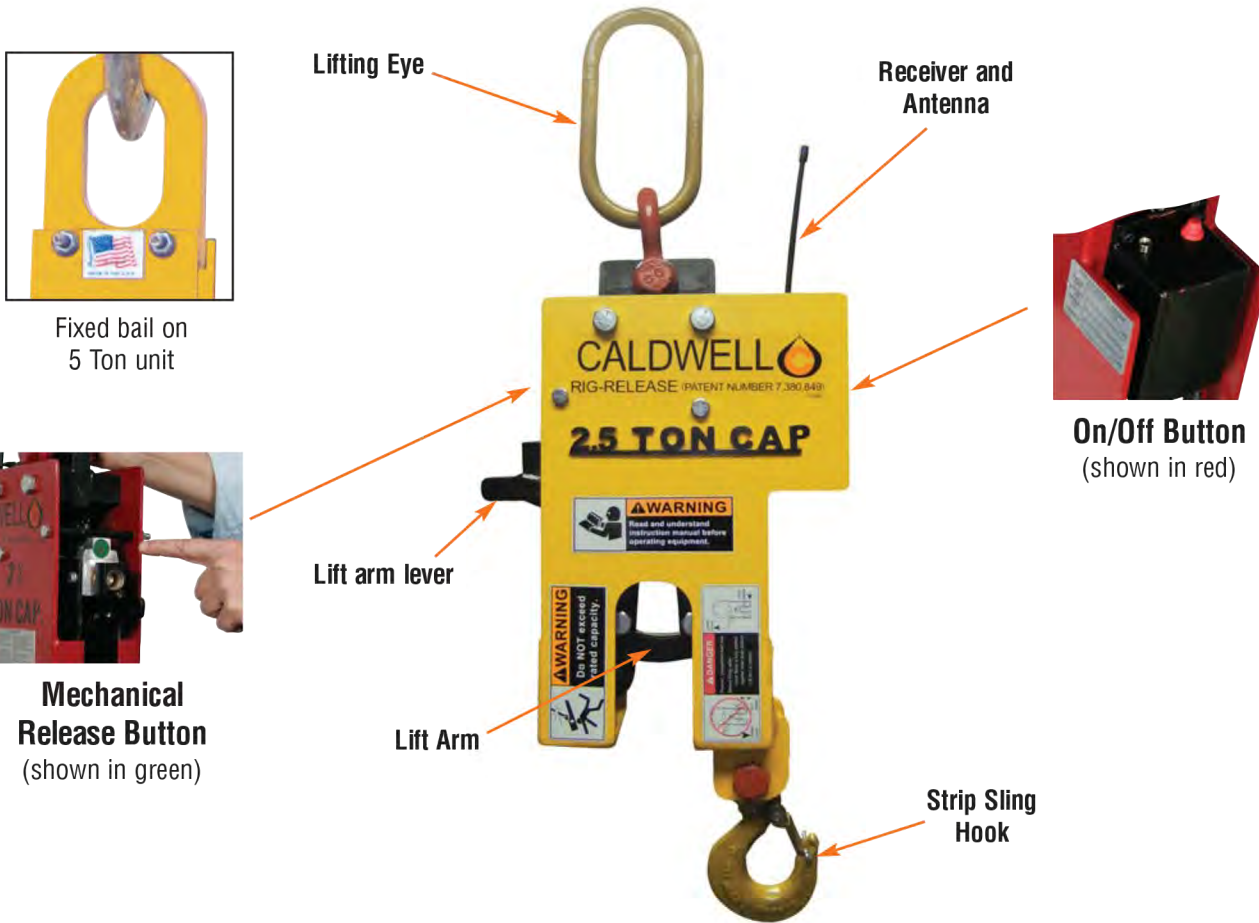


# Rig-Release® Radio Releasing Hook

The Rig-Release® Remote Releasing Hook with Radio Remote Control will allow you to set the loads - and then - quickly, efficiently and safely release the sling from a safe distance. The Radio Remote feature puts the sling control at your finger tips. The Rig-Release® simply hooks to your crane or spreader beam. Attach the lifting sling(s) directly to the Rig-Release® and rig the load. Once the load is set, and the load line is slack, activate the Radio Remote Control to release the sling(s). No need for a man lift on site or to have a worker crawl out (or up) just to disconnect sling(s). It's all done from a safe distance, with the control at the tip of your fingers.

## SAFETY FEATURES:

- Radio activated solenoid is mechanically blocked when the unit is under load, preventing load release.
- Two step, two button activation (release) sequence prevents inadvertent release signal.
- Transmitter times out in 10 seconds, which prevents inadvertent release of rigging.
- The built-in safety features of the Rig-Release® allow multiple hooks to be used on the same job site.
- Range up to 400 feet, with clear line of site.



## Radio Remote Rig-Release® Hooks Come With These Accessories As Standard Equipment



Vehicle Adapter



Two Rechargeable Batteries



Transmitter (Radio Remote Control)



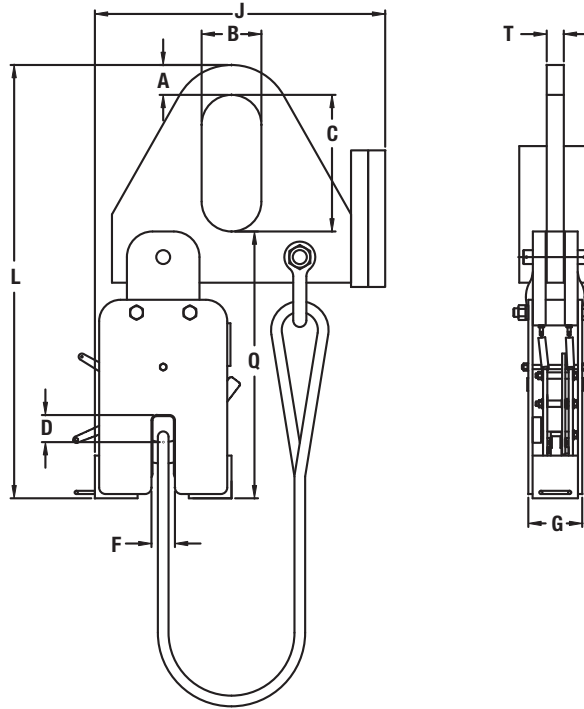
Charger

# Extended Capacity - Basket Hitch

## Model RR-EC - Extended Capacity Rig-Release® - Basket Hitch

### PRODUCT FEATURES:

- For basket hitch only.
- Designed for rugged outdoor use.
- 20 and 30 ton capacity manual release units.
- 10 ton capacity radio controlled release units.
- Easy to use - simply rig, lift, set and release.
- Oversized bail for easy mounting on crane hook.
- Counter balanced to hang level.
- Designed and manufactured to ASME standards.



### SPECIFICATIONS - Extended Capacity Manual Release

Model Number	Rated Cap. (tons)	Dimensions (inches)						Bail Dimensions (inches)				Weight (lbs.)
		D	F	G	J	L	Q	A	B	C	T	
RR-20-EC	20	2.25	2.12	6.30	30.81	38.00	26.50	2.50	5.00	9.00	1.50	425
RR-30-EC	30	3.00	2.75	6.30	34.00	50.75	31.25	3.50	7.00	16.00	2.00	675

### SPECIFICATIONS - Extended Capacity Radio Controlled Release

Model Number	Rated Cap. (tons)	Dimensions (inches)						Bail Dimensions (inches)				Weight (lbs.)
		D	F	G	J	L	Q	A	B	C	T	
RR-10R-EC	10	1.83	1.50	5.00	30.31	31.00	22.00	2.00	4.00	7.00	1.25	275

### WARNING

Rig-Release® unit must always be used with lifting bail.  
 Rated capacity can NOT be solely supported from lift arm or hook.  
 The basket sling MUST be used to lift the rated capacity.