

RAIL GRAPPLES

LOOSE TIE GRAPPLE/TIE BUNDLE GRAPPLE

ROTOBEC

TOUGH HANDLING EQUIPMENT



SPECIALIZED ATTACHMENTS FOR SPECIALIZED INDUSTRY

OUT-LIFT, OUT-PERFORM, OUT-LAST.

Rail ties are the life blood of the railway industry. Without them, there would be no rails and no trains. Efficiently handling rail ties, both new and used, requires unique attachments designed specifically for this purpose. The Rotopec Loose Tie Grapple is a modified version of our Combination Grapple, used for the loading and unloading of ties by the rail side. Our Tie Bundle Grapple is designed for handling bundles from 5 to 9 ties wide. When it comes to handling rail ties there is simply no better way than with one of our amazing Rail Grapples.



OUT-LIFT

Both versions of Rotobec Rail Grapples come equipped with Rotobec's own built in house **HIGH PRESSURE CYLINDERS**. Our cylinders feature a **BOLT ON HEAD** design allowing for incredibly easy maintenance. They are without a doubt, the most durable and reliable available.

OUT-PERFORM

Our Rail Grapples come standard with **OVERSIZED CHROMED AND HARDENED PINS** and our unique interlocking **HEAD STRUCTURE**, providing an unmatched level of strength. We have added a strengthening ellipse to the jaws of the Loose Tie Grapple to add even more support.

OUT-LAST

Rotobec grapples last longer. Plain and simple. Our Rail Grapples are manufactured of a **HIGH TENSILE STEEL**, which drastically increases the life of your equipment. On the Loose Tie Grapple, we have gone one step further and added **HARD SURFACING** to the jaws to further extend their life.

LOOSE TIE GRAPPLE THE RAIL INDUSTRY'S EFFICIENCY EXPERT

LEAVE THE SHALE BEHIND

Shale presents a variety of problems when cleaning up loose ties by the rail side. To combat this, we have cut a hole out of the narrow jaw to allow shale to fall out when handling ties. We have also eliminated all gaps on the backside of the jaws where shale has the tendency to build up.



EASY PENETRATION

A curved jaw shape can prevent your grapple from easily penetrating a pile of ties resulting in half full grapple loads and a decrease in efficiency. The jaws of our Loose Tie Grapple are curved outwards to ensure that you are getting a full load of ties every time.



TIE BUNDLE GRAPPLE

PROUD TO BE A ONE TRICK PONY

DO ONE THING REALLY WELL

It may only be designed to do one thing, but it does it much better than anything else. This grapple will easily and efficiently handle bunches of ties from 5 - 9 wide. The jaw has extra wide tips with teeth, creating an exceptional level of grip on the load. Whether you are handling bunches of ties at the factory or on the track, there is just no better way than with the Rotobec Tie Bundle Grapple.

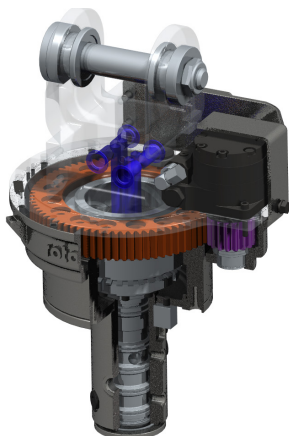


THE KING OF ROTATORS

WE'RE CALLED ROTO-BEC FOR A REASON

ONE ROTATOR TO RULE THEM ALL

For the last 40 years, Rotobec has been pushing the boundaries of innovation in the world of rotator design. The rotators on our Rail Grapples are no exception. In addition to standard 360° rotation and a fully supported pinion gear, all of our rotations are fully sealed, allowing them to be fully submersed in water up to 15 feet deep. Our rotators are without a doubt the most advanced and longest lasting ever made. Why settle for anything but the best?



TOUGH HANDLING EQUIPMENT

NEW WARRANTY

18 MONTHS OR 3000 HOURS

TECHNICAL DATA	LOOSE TIE GRAPPLE						TIE BUNDLE GRAPPLE			
MODEL	6007RA	4550RA	4642RA	8610RA	6006HDRA	6606HDRA	57TBG	73TBG	83TBG	108TBG
Height (in) (open/excluding rotation)	30	41	38	46	36	41	49	48	47	55
Weight (lb) (excluding rotation)	780	880	675	1,638	1,253	1,380	1,120	1,315	1,425	2,410
Area (ft²) (tip to tip)	4.5	2.9	2.7	7.5	5.03	6.3	3.94	4.9	6.56	8.6
Operational width (in)	-	-	-	-	-	-	45	63	72	82
Minimum closing (in)	7	4	4	11	8	6	25	27	32	35
Maximum opening (in)	58	50	41	92	66	77	57	73	83	108

TECHNICAL DATA	RT-SERIES ROTATORS				
MODEL	R-9150	RT-222	RT-252	RT-322	RT-502/RT-504
Swing torque (in lb)	8,450	10,700	16,150	12,920	18,630
Axial lift capacity (lb)	18,000	22,000	25,000	32,000	50,000
Weight (lb)	225	225	270	310	445

ROTOBEC LOCATIONS

CANADA EAST/
INTERNATIONAL
Sainte Justine, QC
Tel: 418.383.3002

USA EAST, CENTRAL
Littleton, NH
Tel: 603.444.2103

USA SOUTH
Dallas, TX
Tel: 972.242.9516

USA/CANADA WEST
Kelowna, BC
Tel: 250.765.1161

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TOUGH HANDLING EQUIPMENT