

OPTIMAX
TRUCK & TRAILER

ROTOBEC
TOUGH HANDLING EQUIPMENT



INTELLIGENT DESIGN

SUPERIOR DURABILITY. EXCEPTIONAL PRECISION.



The OPTIMAX truly pushes the boundaries of what was once thought possible of mid-weight loaders. In addition to RotoBec's tough handling pedigree that comes standard in all of our loaders, we have engineered the OPTIMAX to be adaptable to every conceivable application and environment. Equipped with a 173 hp engine (XB RM), the OPTIMAX has one of the industry's largest lift capacities. The OPTIMAX come standard with a 27 ft reach and can be fitted with a 30 ft straight boom or a 31 ft telescopic boom for those of you needing to reach a little further. The OPTIMAX can also be fitted with a slasher or carrier kit.



21,400 LB MAX LIFT CAPACITY

173 HP DIESEL MOTOR (XB RM)

27 FT HEAVY DUTY BOOM (STANDARD)

39 INCH SLEWING RING

3,200 PSI OPERATING PRESSURE

35 CC DUAL SWING MOTORS

GET THE RELIABILITY YOU DESERVE

Year after year, the OPTIMAX continues to rise above the competition. Robust booms made of high tensile steel provide owners and operators with an unmatched level of toughness and durability. Add to this, incredible lift capacity and precision handling, and you have a truly unbeatable loader.

TRIED, TESTED AND TRUE

The OPTIMAX has been designed to take a beating and come back fighting. Each of our loaders is tested extensively at our production facility before being shipped to our customers, because we understand the importance of reliability. Your productivity is our number one priority.

SMOOTH MOVEMENT

Similar to the ELITE you've come to know and love, the OPTIMAX provides users with amazingly smooth operation. The 3,200 psi operating pressure allows the OPTIMAX to achieve unmatched levels of precision.

VERSATILITY EXPERT

The OPTIMAX can be used in a variety of applications. Its precision and agility, combined with incredible lift capacity, make it ideal for everything from log loading to scrap and waste material handling. No matter the application, the OPTIMAX works hard for you.

INTELLIGENT DESIGN

The lightweight design of the OPTIMAX, combined with 21,406 lbs of max lift capacity, make it the undisputed heavyweight champion in its weight class. Lift more with less than you ever thought possible.

NO TIME FOR DOWNTIME

QUALITY COMPONENTS

In order to guarantee the quality and reliability of your machine, we proudly manufacture and assemble every major component of the OPTIMAX in one of our North American production facilities. Each component is constructed of only the best quality materials available, and is built with one purpose: To outperform and outlast the competition.

SERVICE MADE SIMPLE

Our number one priority is your productivity. Machine downtime is a costly inconvenience and we have taken every measure to ensure that our customers experience as little of this as possible. Our expert team of service technicians are conveniently located all across North America and are dedicated to providing our customers with the best service in the business.









VERSATILITY REDEFINED

The OPTIMAX is without question the most durable and customizable loader of its size. With two unique configurations available and the industry's most extensive list of options, there is no limit to the possibilities.

CONFIGURATIONS

XB RM

Power unit: On loader

Operator station: On loader

B RM

Power unit: On truck

Operator station: On loader

OPERATOR STATION

The cab of the OPTIMAX is the largest available in its class. An ergonomic seat and optional heating and A/C offers comfortable place for your operator to spend their day. A pressurized cab can be added for extreme working environments.

STANDARD:

- Ergonomic seat
- Large cab (38" x 52")
- Mounted on shock proof frame
- Sliding side window
- Front wipers with washer fluid
- Cab fan
- Horn
- 8,400 W electric heater
- 12 v outlet
- Extra LED lighting

OPTIONAL:

- Air conditioning
 - Tinted windows
 - Windshield protection grid
 - CB radio
 - am/fm/cd radio w/ dual speakers
 - Pressurized cab
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ADDITIONAL OPTIONS

BOOMS:

- Hydraulic/dead heel for tree length wood
- LED Lights
- Work lights (directed sideways)
- Telescopic options

HYDRAULICS:

- Extra cooling
- Harsh environment package
- Cylinder protectors

OTHER:

- Anchor kit
 - Electrically activated grease system
 - Magnet
 - Catwalk
 - Saw
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CUSTOMIZATION

Rotobec has been designing and manufacturing loaders for 40 years. During that time, our custom loader division has worked on several projects for customers who had unique requirements that the competition could simply not meet. Our team of engineers worked closely with these customers to provide them with a solution to meet those needs.

If you have a requirement that is not met by our current product let us know. Rotobec is open to any custom project and we are always looking for a new challenge.

OPTIMAX 950 XB RM

KEY SEPCIFICATION - OPTIMAX 950 XB RM

Operating pressure	3,200 psi
Pump	Kawasaki - 95 gpm @ 1,800 rpm ▪ Variable displacement piston pump
Slewing ring	38.5" outside diameter
Rotation speed	7.7 rpm
Main boom	7" bore, 3.5" rod
Stick boom	6" bore, 3" rod
Swing torque	30,775 ft. lb (theoretical)
Engine	T6068 diesel motor
Power	173 hp @ 2,200 rpm
Torque	527 ft. lb
Fuel tank	55 gal

BOOM LENGTH OPTIONS - OPTIMAX 950 XB RM

Standard	27', 30'
Telescopic	31'

KEY SEPCIFICATION - OPTIMAX 950 B RM

Operating pressure	3,200 psi
Pump	Commercial P350 triple gear pump
Slewing ring	38.5" outside diameter
Rotation speed	7.7 rpm
Main boom	7" bore, 3.5" rod
Stick boom	6" bore, 3" rod
Swing torque	30,775 ft. lb (theoretical)
Engine	Truck motor

BOOM LENGTH OPTIONS - OPTIMAX 950 B RM

Standard	27', 30'
Telescopic	31'

OPTIMAX 950 B RM/XB RM - LIFT CAPACITY (lbs)

		DISTANCE FROM CENTER OF ROTATION (ft)			
		10	15	20	25
OPTIMAX 950 B RM/XB RM - 27'	HEIGHT (ft)				
	30		12,496		
	25		12,177	11,176	
	20		13,134	11,429	*9,416
	15	*14,487	14,949	12,122	10,175
	10	*21,406	16,698	12,727	10,098
	5	*11,297	17,171	12,683	9,339
	0	*16,060	15,642	11,297	
	-5		11,528		
	-10		11,180		

OPTIMAX

FEATURES & OPTIONS

SWING SYSTEM - OPTIMAX 950 B RM/XB RM

- Features
- Continuous 360° rotation
 - Double function joysticks activate the boom and the attachment
 - Pedal activated rotation

CYLINDERS - OPTIMAX 950 B RM/XB RM

- Features
- Cylinder protectors (optional)
 - Bolt-on head
 - Wear ring
 - Chrome plated tempered steel rod

BOOM - OPTIMAX 950 B RM/XB RM

- Features
- Live and dead heels (optional)
 - Induction tempered, chrome steel pins on bronze bushings
 - 2 x 55 W lights on stick boom
 - Rectangular 8" x 10" structure made of high tensile steel
 - 3" diameter heat-treated and chromed pins mounted on bronze bushings

HYDRAULIC SYSTEM - OPTIMAX 950 B RM/XB RM

- Features
- Double function joystick

BASE - OPTIMAX 950 B RM/XB RM

- To be installed on truck frame with the following specs:
- Height from the ground vs over the truck frame, between 40" and 42"
 - Frame made of 2 tubular sections
 - Support in center for main boom
 - Long stabilizers (standard) range @ ground level: 14ft
 - Optional slasher/carrier kit

OPTIMAX 950 B RM

* Limited by stick boom hydraulic capacity

** Lift capacities calculated at 100% operating pressure

*** We reserve the right to change specs and improve our products without notice or obligation

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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

BRAZIL
Curitiba, Paraná
Tel: 41.98852.5999

