

***ROTOBEC***



**DIESEL  
LOADERS**



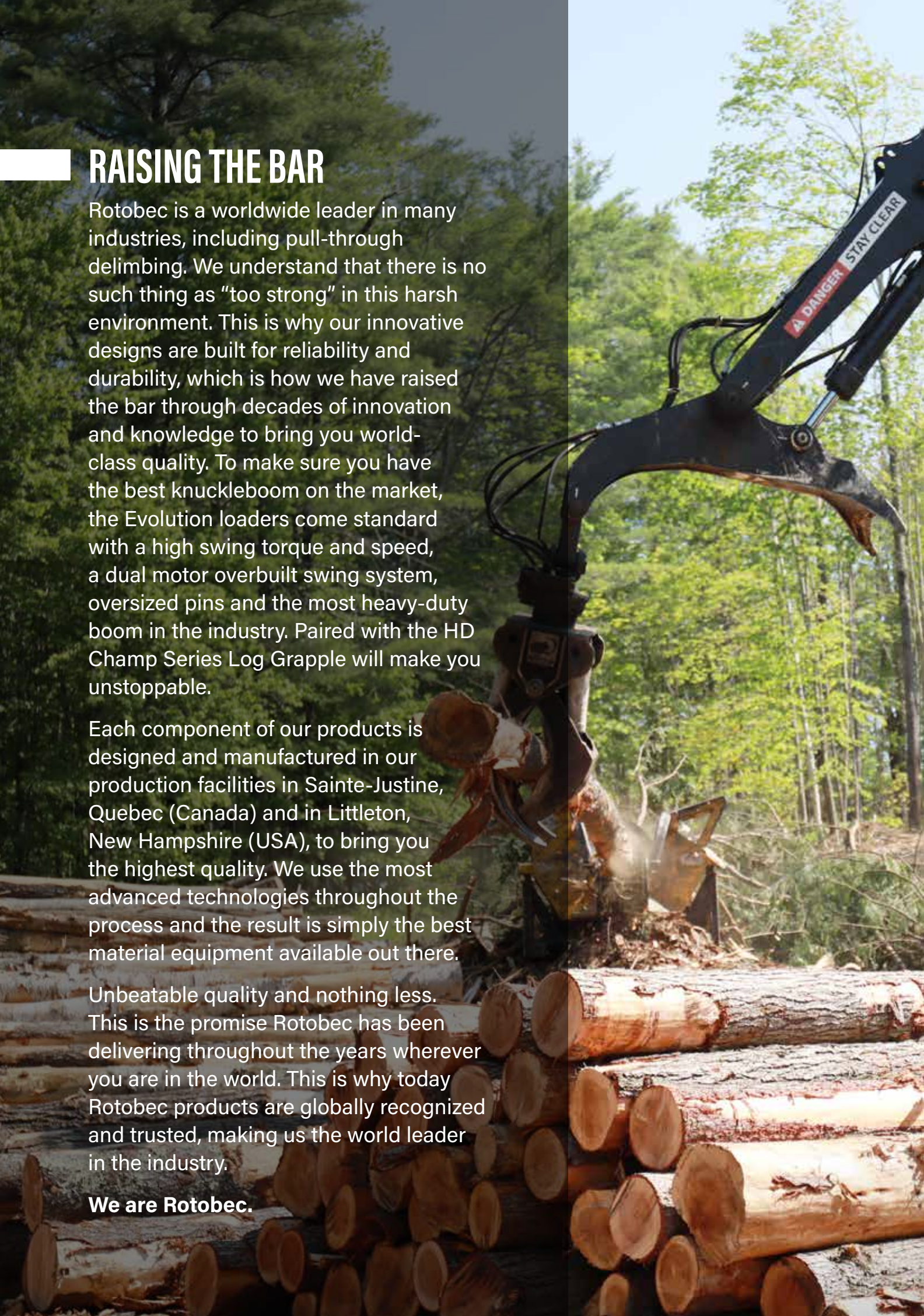
## RAISING THE BAR

Rotobec is a worldwide leader in many industries, including pull-through delimiting. We understand that there is no such thing as “too strong” in this harsh environment. This is why our innovative designs are built for reliability and durability, which is how we have raised the bar through decades of innovation and knowledge to bring you world-class quality. To make sure you have the best knuckleboom on the market, the Evolution loaders come standard with a high swing torque and speed, a dual motor overbuilt swing system, oversized pins and the most heavy-duty boom in the industry. Paired with the HD Champ Series Log Grapple will make you unstoppable.

Each component of our products is designed and manufactured in our production facilities in Sainte-Justine, Quebec (Canada) and in Littleton, New Hampshire (USA), to bring you the highest quality. We use the most advanced technologies throughout the process and the result is simply the best material equipment available out there.

Unbeatable quality and nothing less. This is the promise Rotobec has been delivering throughout the years wherever you are in the world. This is why today Rotobec products are globally recognized and trusted, making us the world leader in the industry.

**We are Rotobec.**







**ELEVATE  
YOUR  
GAME.**



# UNSURPASSED STRENGTH

Like all other Rotobec products, the Evolution loaders promise unsurpassed strength and durability through its powerful Cummins 6-cylinder engine, Rotobec's own hydraulic system, and an oversized subframe, providing the utmost stability in the industry. Rotobec Diesel Loaders are designed to be incredibly powerful, yet smooth to operate. The best hydraulic components used when manufacturing ensures maximum productivity, there is no time for downtime. With the Evolution loaders, you are sure to outlift the competition.







**DON'T  
JUST LIFT,  
OUTLIFT.**



# EVERY OPERATOR'S DREAM

The Evolution loaders come with the largest cab and best visibility in the industry, period. It is spacious with a comfortable seat and a large accessible door. The thick insulation and steel used to build the cab insures significantly improved sound deadening. To top it off, Rotobec designed its cooling systems to perform in the hottest conditions. By keeping heat sources away from the cab, the operator is sure to not only have great A/C in any circumstance, but it will also keep you nice and toasty in the winter months. By keeping all the noise and heat sources away from the loader, you'll have the most comfortable and quiet "office" around. This ensures productivity throughout the day while providing warmth or coolness, depending on the season.



ROTOBEC

EVOLUTION



1960

**YOU  
DESERVE  
THE BEST.**



# LIFTING QUALITY STANDARDS

To guarantee the quality and reliability of your machine, we proudly manufacture and assemble every major component of the Evolution loaders in our North American facilities. Each component is constructed of only the best quality materials available and is built with one purpose: to outlift the competition. The boom is bigger, so is the bearing, cylinders, stabilizers, pins and subframe. You won't find more durable and strong components than those of the Evolution.







**DANGER** STAY CLEAR

**BOIRE**  
Logging

**MACK**

**LEVEL UP.**





**WE WON'T  
LET YOU  
DOWN.**





# NO TIME FOR DOWNTIME

At Rotobec, we proudly stand behind our loaders. Years of rigorous quality testing has gone into every machine we build to guarantee your satisfaction. We manufacture every major component of the Evolution in house, right down to the cylinders, to ensure that they meet your quality standards and provide you with the availability you need. Decades of experience in forestry also taught us the importance of ease of maintenance. With this knowledge in mind, Rotobec designed the Evolution loaders to be the easiest to service and work on. Access to the different gages is the best in the market, and no special tools are needed to work on this machine.

Our number one priority is your productivity. Machine downtime is a costly inconvenience, and we take every measure to ensure that our customers experience as little of this as possible. We provide you with the best service in the business.



# EVOLUTION 960

## TECHNICAL DATA

### DIESEL LOADER KEY SPECIFICATIONS—EVOLUTION 960

HYDRAULIC SYSTEM	
Operating pressure	4,200 psi (290 bar)
Pump flow	81 gpm (307 lpm)
Oil tank	100 gal. (379 l)
Controls	Pilot operated
SWING SYSTEM	
Rotation	360°
Rotation speed	9 rpm
Slewing ring	53 1/2" (1359 mm) outside dia.
Swing torque	46,600 ft.-lb @ 4,200 psi 63,181 Nm @ 290 bar
Tail swing	107" (2720 mm)
CYLINDERS	
Main boom	6.5" (165 mm) bore, 4" (102 mm) rod
Stick boom	6" (152 mm) bore, 3.5" (89 mm) rod
DIESEL ENGINE	
Motor	Cummins B6.7 Stage V
Engine	195 hp @ 2,000 rpm 145 kW @ 2,000 rpm
Fuel tank	120 gal. (454 l)
BOOM	
Boom length, standard	32' 6" (9906 mm)

OPTIONS	
Boom configuration	Live heel 32' 6" (9906 mm) Detachable Dead heel 32' 6" (9906 mm)
Hydraulics	Bar Slasher Delimber Circle saw slasher Grapple saw Carrier
Counterweight	1,500 lb (680 kg) standard 3,000 lb (1361 kg) option
Other	LED Lightening Fire Extinguisher
OPERATOR STATION	
Large spacious cab	40" x 60" x 62" (1016 mm x 1524 mm x 1575 mm)
Ergonomic air suspension seat	Standard
Rubber-mounted shock proof frame	Standard
Front wipers w/fluid	Standard
Polycarbonate windshield	Standard
Side sliding window	Standard
Heater	Standard
Air conditioning	Standard
Cab fan	Standard
Horn	Standard
Pressurized cab	Standard
12 v outlet & USB Port	Standard
Radio with dual speakers	Standard

### EVOLUTION 960 [M-32 ft. / M-9.75 m]

### LOADER LIFT CAPACITY (lb/kg)

		DISTANCE FROM CENTER OF ROTATION (ft./m)				
HEIGHT		10 ft. / 3 m	15 ft. / 4.5 m	20 ft. / 6 m	25 ft. / 7.5 m	30 ft. / 9 m
EVOLUTION 960	35 ft. / 10.6 m		17,110* / 8,160*			
	30 ft. / 9 m			14,450 / 6,580		
	25 ft. / 7.5 m			14,080 / 6,450	12,180 / 5,580	
	20 ft. / 6 m			14,400 / 6,625	12,170 / 5,600	8,550* / 4,690*
	15 ft. / 4.5 m		19,420 / 8,980	15,150 / 6,985	12,370 / 5,705	10,070 / 4,670
	10 ft. / 3 m		21,520 / 9,955	15,880 / 7,335	12,490 / 5,765	9,800 / 4,560
	5 ft. / 1.5 m		22,140 / 10,220	15,950 / 7,365	12,160 / 5,625	9,050 / 4,240
	0 ft. / 0 m	9,430* / 4,110*	20,150 / 9,285	14,740 / 6,810	10,950 / 5,090	7,300 / 3,505
	-5 ft. / -1.5 m		15,650 / 7,225	11,820 / 5,495	8,340 / 3,940	

-Lifting capacities calculated at 100% operating pressure.

\*Lifting capacity is limited by stick boom hydraulic capacity.

We reserve the right to change specifications and improve our products without notice or obligation.



# EVOLUTION 965

## TECHNICAL DATA

### DIESEL LOADER KEY SPECIFICATIONS—EVOLUTION 965

#### HYDRAULIC SYSTEM

Operating pressure	4,200 psi (290 bar)
Main pump	81 gpm (306 lpm)
Swing pump	49 gpm (185 lpm)
Oil tank	100 gal. (378 l)
Controls	Pilot operated

#### SWING SYSTEM

Rotation	360°
Rotation speed	10 rpm
Slewing ring	53 1/2" (1359 mm) outside dia.
Swing torque	60,000 ft.-lb @ 4,060 psi (81,600 Nm @ 280 bar)
Tail swing	110" (2794 mm)

#### CYLINDERS

Main boom	7" (178 mm) bore, 4" (102 mm) rod
Stick boom	6 1/2" (165 mm) bore, 4" (102 mm) rod

#### DIESEL ENGINE

Motor	Cummins B6.7 Stage V
Engine	195 hp @ 2,000 rpm (145 kW @ 2,000 rpm)
Fuel tank	120 gal. (454 l)

#### BOOM

Boom length, standard	32' 6" (9906 mm)
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#### OPTIONS

Boom configuration	Live heel 32' 6" (9906 mm) Detachable Dead heel 32' 6" (9906 mm)
Hydraulics	Bar Slasher Delimber Circle saw slasher Grapple saw Carrier
Counterweight	3,000 lb (1361 kg) standard
Other	LED Lightening Fire Extinguisher

#### OPERATOR STATION

Large spacious cab	40" x 60" x 62" (1016 mm x 1524 mm x 1575 mm)
Ergonomic air suspension seat	Standard
Rubber-mounted shock proof frame	Standard
Front wipers w/fluid	Standard
Polycarbonate windshield	Standard
Side sliding window	Standard
Heater	Standard
Air conditioning	Standard
Cab fan	Standard
Horn	Standard
Pressurized cab	Standard
12 v outlet & USB Port	Standard
Radio with dual speakers	Standard

### EVOLUTION 965 [M-32 ft. / M-9.75 m]

### LOADER LIFT CAPACITY (lb/kg)

		DISTANCE FROM CENTER OF ROTATION (ft./m)				
		10 ft. / 3 m	15 ft. / 4.5 m	20 ft. / 6 m	25 ft. / 7.5 m	30 ft. / 9 m
EVOLUTION 965	HEIGHT					
	35 ft. / 10.6 m		20,750* / 9,890*			
	30 ft. / 9 m			17,460 / 7,940		
	25 ft. / 7.5 m			16,990 / 7,775	14,920 / 6,830	
	20 ft. / 6 m			17,420 / 8,010	14,930 / 6,855	10,590* / 5,835
	15 ft. / 4.5 m		23,320 / 10,780	18,410 / 8,490	15,220 / 7,010	12,570 / 5,820
	10 ft. / 3 m		26,090 / 12,065	19,430 / 8,965	15,440 / 7,125	12,290 / 5,710
	5 ft. / 1.5 m		27,100 / 12,505	19,660 / 9,075	15,130 / 6,995	11,450 / 5,355
	0 ft. / 0 m	10,890* / 4,755*	24,950 / 11,495	18,350 / 8,475	13,790 / 6,400	9,440 / 4,510
	-5 ft. / -1.5 m		19,760 / 9,120	15,000 / 6,965	10,780 / 5,070	

-Lifting capacities calculated at 100% operating pressure.

\*Lifting capacity is limited by stick boom hydraulic capacity.

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**ROTOBEC**



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- At Rotobec, we are not (and will never be) afraid to say it out loud: **we are the best!**

The reason is simple. Just like you, we have earned this position. And just like you, we work hard every single day to keep it. From dawn to dusk. Just like you, we know that the best things in life are tough earned.

That's why we never take anything for granted; a reputation, the number of fans on Facebook, a safe place in the industry, the trust of the dealers, the satisfaction of the customers, the comfort of the team, the perfection of a piece of equipment. It's about giving it our all and raising the bar. Doing better, pushing harder, going further.

That is how we achieve to build the most trustworthy equipment and relationships in the business. Why accept less? **You deserve what's best.** The industry deserves what's best. The world deserves what's best.

So together, let's aim higher. If it doesn't exist, we'll create it. We can do better, let's do it. When the horizon gets tough, we keep going.

**We are Rotobec!**





# ROTOBEC



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