



ROCK REMOVAL EQUIPMENT



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WARINGA



RP800 ROCK PICKER

built to conquer the toughest ground.



THE NEXT GENERATION OF ROCK PICKING

Built from the ground up and engineered for greater visibility, capacity and efficiency. With a 2.03 m picking width, 4.1 m³ bucket and adjustable dump height up to 2.9 m, this rock picker delivers faster picking and greater flexibility when dumping. Separate bucket and apron hydraulics, a 180° reversible reel, heavy-duty components, improved tensioning and replaceable tine tips ensure durability and easy maintenance. A new ball-style hitch provides a smoother ride, while 550/45-22.5 flotation tyres minimise soil disturbance. With smarter design throughout, this machine is built to clear rocks faster and keep your operation moving.

2.03 m Picking Width

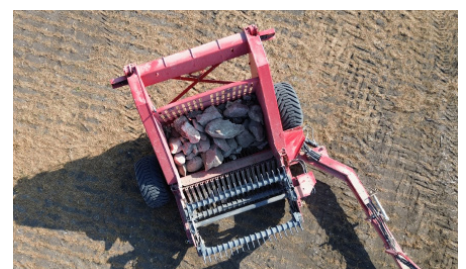
The wide picking width allows efficient rock removal across a broad working area, while the clear view ahead of the reel helps the operator see more of the ground.

4.1 m³ Bucket Capacity

The large bucket capacity reduces dump trips, helping keep rocks moving and improving productivity in the paddock.

2.9 m Adjustable Dump Height

With dumping height adjustable up to 2.9 m, the RP800 can handle larger rock piles and makes loading into trailers up to 2.6 m high easier.

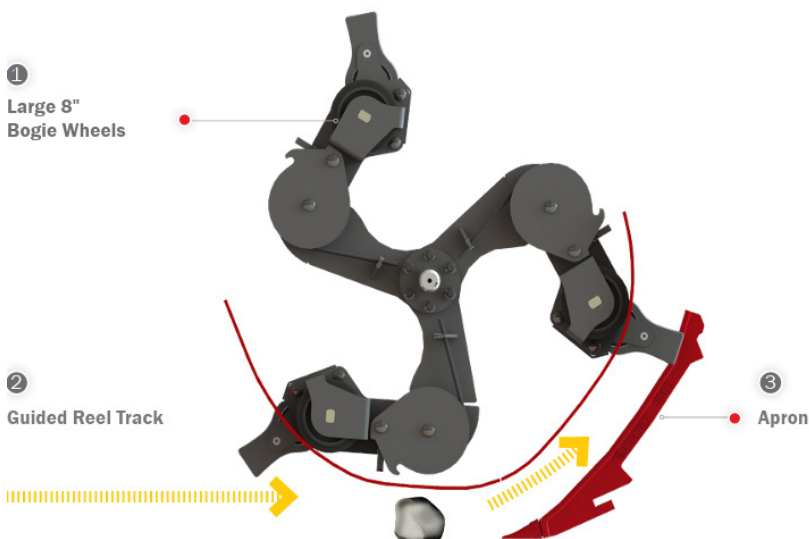




For over 60 years, the Highline Rock Picker has proven itself as a machine that delivers year in, year out. Designed with few moving parts, as well as extremely durable components, the Highline Rock Picker remains rock solid.

THE SECRET IS IN THE GUIDED REEL:

It is as simple as 1, 2, 3!



1 The bogie wheels follow a special track to guide the reel for improved picking action. When the guided reel travels parallel to the ground surface, it pulls the rocks toward the apron rather than pushing down on the rocks.

2 The guided reel lifts the rocks onto the apron.

Conventional Picker

Conventional round reels have only a few inches of positive picking action. When the reel contacts a rock on the downward cycle, it can push the rock into the ground rather than sweeping it towards the apron. Smaller rocks can therefore be missed as the reel buries them.



3 The guided reel delivers the rocks to the center of the bucket and because the reel is guided it follows the same contour as the apron.



RP800 EXCLUSIVE FEATURES

■ Hydraulically Positioned Hitch

The Highline® hitch moves the rock picker fully into view of the operator while keeping the entire picking width outside the tractor tracks. The large 102 mm bore hydraulic cylinder handles demanding picking conditions before centring the picker behind the tractor for narrow road transport.

■ Replacable Tines, Tine Tips & Tine Top Plates

The heavy-duty tine system is designed for durability and easy maintenance. Tines, high-wear tips and top plates are fully replaceable, making servicing faster, easier and more cost-effective.

■ Heavy-Duty Reel Bats & Improved Tensioning

Reversible, hard-faced reel bats combined with an improved tensioning system provide long-lasting performance and help maintain consistent picking action.





RP800 ROCK PICKER SPECIFICATIONS

Weight - Empty (Calculated)	4423 kg
Tongue Weight	725 kg
Length - Transport	5.85 m
Length - Working	5.79 m
Width - Picking	2.03 m
Width - Transport	
550/45 tires	3.68 m
Width - Working	
550/45 tires	4.80 m
Height	2.21 m
Trailer Dumping Height	2.59 m
Dumping Height	2.23 m; 2.56 m; 2.9 m
Bucket Capacity (max.)	4.1 m ³

HP Required	90 hp (67 kW)
Hydraulic Outlets Required	3
Hydraulic Pressure	2500 psi (172 bar)
Hydraulic Flow Required	18 gpm (68 l/min)
Hitch Requirement	Cat 3
Min Rock Diameter Pickup	.05 m
Max Rock Diameter Pickup	.63 m
Tines	Replaceable tines, tine tips & tine top plates
Bucket	Grated on front, bottom & sides
Reel Bats	Weld hard-faced & reversible
Recommended	23 rpm @ 2 mph (23 rpm @ 3.2 kmh)
Reel Speed	47 rpm @ 4 mph (47 rpm @ 6.4 kmh)

Note: Right/left hand is determined by sitting in the tractor seat looking forward

While every effort has been made to ensure that the information is accurate/current at the time of production, all specifications are subject to change.

For the latest product information, please visit: www.highlinemfg.com.

RR4300 ROCK RAKE

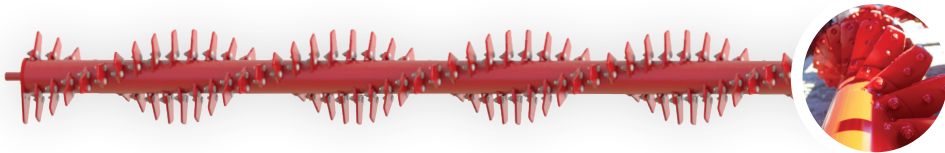
Clears rocks simply.



The RR4300 rock rake makes fast work of moving rocks into a narrow row that can then be picked with the RP800 rock picker.

PERFECT PARTNER TO THE ROCK PICKER

The stand-alone rock rake can keep moving while the rock picker is stopped to unload, resulting in more rock removed from a larger area in less time.



The Rotor - the Heart of the Rock Rake

The RR4300 rock rake has an adjustable raking angle of 10 degrees to 30 degrees with up and down positioning for efficiency and convenience. The teeth of the rock rake have a hard surfaced face as well as being designed to be reversible and replaceable.



Transport and Work Mode

Hydraulically switch between transport and work mode with ease!





RR43000 ROCK RAKE SPECIFICATIONS

Raking Width (at 20 degrees working position)	4.1 m	Minimum Horsepower	65 hp (49 kW)
Rotor Length	4.3 m	Maximum Horsepower	75 hp (56 kW)
Rake Angle	10 degrees minimum 30 degrees maximum	Hydraulic Outlets Required	3
Max. Rotor rpm	154	Hydraulic Pressure (max. relieved)	3000 psi (20,684 kPa)
Transport Width	2.5 m	Hydraulic Flow Required	49.2 l/min
Working Width - 20 degrees	5.0 m	Hydraulic Hitch	Yes
Transport Length	6.2 m	Hydraulic Drive	Yes
Operating Length - 20 degrees	6.4 m	Raking Style	Rotor
Height	1.8 m	Number of Replaceable Teeth	100
Weight	1,806 kg	Replaceable and Reversible Teeth	Yes
Tongue Weight	Transport - 569 kg Working - 469 kg	Hard Surfacing Rotor Teeth	Yes
Tyre Size	11L - 15F		
Tyre Pressure (max.)	60 psi (413.7 kPa)		
Hydraulic Drive	Yes		

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HIGHLINE MANUFACTURING

Highline's mission is to design, manufacture and distribute the highest quality, most durable and reliable farm equipment in the world, which is affordable and meets or exceeds the expectations of their customers.

Highline Manufacturing's early roots as a rock picker manufacturer began on a family farm near Saskatchewan, Canada. It was in the early 1960's that the concept of making a rugged and durable rock picker took shape on the Bussiere farm just east of Vonda, CA. Based on the rock picker concept, Highline Manufacturing was originally called Rock-O-Matic Industries. Today their facility is still located in Vonda, SK and is modernised with equipment and processes to produce world class equipment.

With domestic and international customers around the world, including a long history of providing product to the Australian market, Highline believes it is important to understand the demand of each region and adapt designs to fit those customers. This belief has built a reputation in the industry for building durable products based on innovation, capabilities, and the feedback from the end users.

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