

Be efficient.

The new RRL 200 eco makes child's play of beet cleaning – in a single-operator process with existing load-carrying vehicles. The RRL 200 eco can be attached to a wheel loader, excavator or tractor with front loader by means of the drawbar eye. The loading vehicles feed the RRL with sugar beet and can individually position it at the same time – all with only one vehicle. The transfer capacity is approximately 200 tons per hour – making the loading of beets cost-effective, flexible and simple.



RRL 200 eco

Stationary

Beet-Cleaner Loader

200 tonnes per hour

Transfer capacity

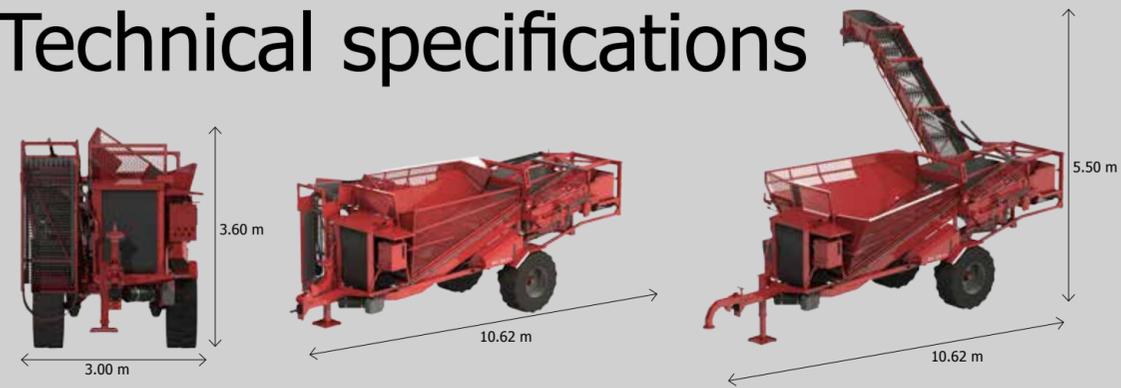
eco – efficient engine

Being there.



HOLMER customer service is there for you 24 hours a day, seven days a week – reliable, competent and fast. The entire spare-parts range can be ordered conveniently from HOLMER's online shop with next-day delivery. The extensive training program, comprehensive support from HOLMER service points and individually tailored services guarantee perfect machine application – for maximum customer satisfaction and operational safety.

Technical specifications



Engine	Perkins 854F-E34TAN Tier 4F
Cylinders	R-4
Capacity	3.4 l
Rated speed	2200 rpm limited to max. 1500 rpm
Rated power at 2200 rpm	75 kW / 101 hp
Maximum torque at 2200 rpm	457 Nm
Fuel-tank capacity	Approx. 320 l
AdBlue-tank capacity	Approx. 19 l

Axles	2 braked stub axles
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Track width	2.42 m
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Tyres	540/65 R30 Tyre pressure 2.5 bar
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Brakes	Compressed-air brake system
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Towing connection	40 mm eyelet
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Supporting legs	Front and rear, hydraulically foldable
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Hydraulics	Sauer-Danfoss drive
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Lighting	1 rotating beacon 6 LED working lights (1800 lm)
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Control	Tele Radio remote control (all functions can be operated by remote control)
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Hopper	Hydraulically folding hopper side walls
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Scrapper floor	Screw-on, wear-resistant guide rails 2 round steel chains with automatic speed regulation by metering flap
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Cleaning	Finger roller-cleaning system with 1 stone-separating roller Adjustable speed
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Cross belt	Adjustable speed Sections: 50 mm
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Transfer belt	Adjustable speed Plastic carriers Sections: 50 mm
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Safety features	finger roller-cleaning system automatically reverses Stone-separating roller automatically reverses
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Central lubrication	Beka-Max (electronically controlled)
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Dimensions and weights	
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Length	10.62 m
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Width	3.00 m
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Height	3.60 m
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Transfer height	5.50 m
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Transfer width	9.50 m
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Transfer angle	Up to 125° swivel angle
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Hopper volume	9 m ³ (hydraulically foldable hopper walls)
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Top edge of hopper wall folded out	3.00 m on the left 3.50 m on the right (including balustrade)
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Transfer capacity	Approx. 200 t/h
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Wheelbase	6.53 m
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Max. permissible speed	40 km/h
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Tare weight	Approx. 10.5 t
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Permissible supported load	1.7 t
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Special equipment	Stone-separating roller Chicory equipment
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RRL 200 eco

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Be sustainable.



The RRL 200 eco features the new 75 hp / 101 kW Perkins 854F-E3TAN diesel engine equipped for the Tier 4 Final exhaust-emissions standard. This allows for a constantly high transfer capacity at a low engine speed of only 1200 rpm – for efficient operation with the lowest fuel consumption.

The hopper capacity of the RRL 200 is 9 m³. The walls are hydraulically foldable. The scraper floor has a smart control system using a metering flap to fill the cleaning units evenly – optimising cleaning and saving time in the workflow. The dismantlable, forged scraper-floor chain system has rails and link chains made of wear-resistant material. The RRL is also centrally lubricated to minimise wear and maintenance times.

Open wide.



Easy. Affordable. Beet loading.

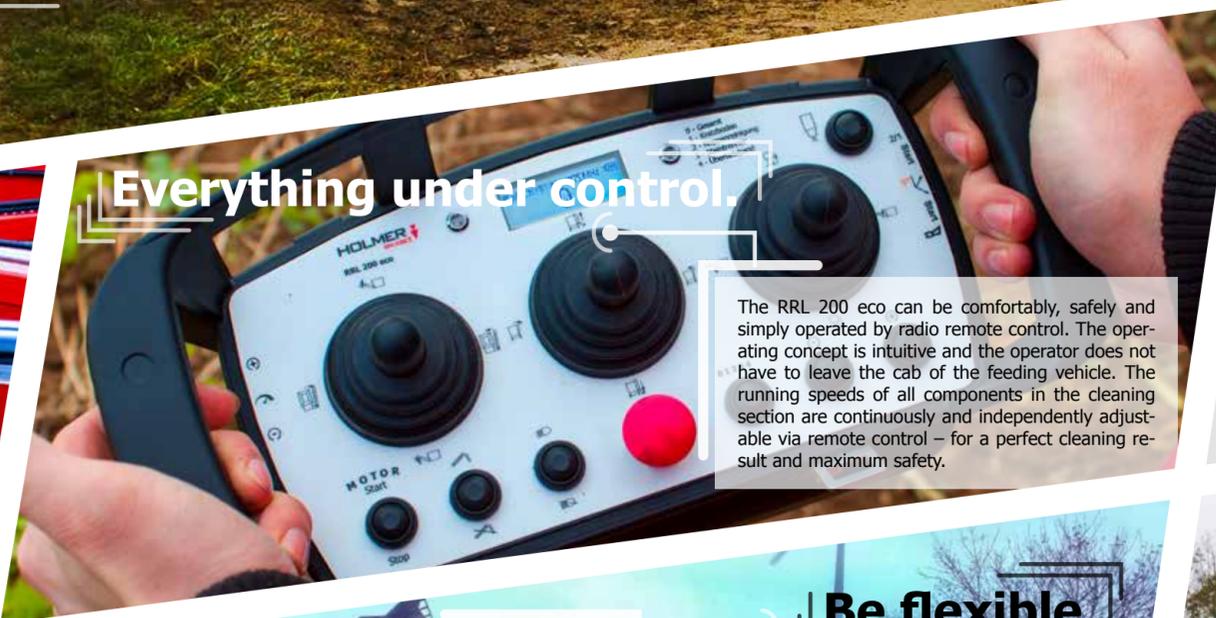


Clean up.



The sugar beets are transported from the scraper floor to the finger roller-cleaning system via the cross belt and via the transfer belt to the removal vehicles – a long transport path for optimum and gentle cleaning. The arrangement of the cleaning elements over the chassis leaves plenty of space for removed soil under the RRL. The finger roller-cleaning system has a stone-separating roller with automatic reverse. The transfer belt is equipped with plastic carriers, two dirt-trap flaps in the return section and abrasion-resistant polyamide inserts made of PE 1000 that can be turned and reused 3 times – for low wear, rapid changeovers and maximum operational safety.

Everything under control.



The RRL 200 eco can be comfortably, safely and simply operated by radio remote control. The operating concept is intuitive and the operator does not have to leave the cab of the feeding vehicle. The running speeds of all components in the cleaning section are continuously and independently adjustable via remote control – for a perfect cleaning result and maximum safety.

Economy in perfection

Be balanced.

Be flexible.



Sufficiently large storage areas for loading with self-propelled beet-cleaner loaders are not always available. The piles often have to be wider than the possible 10 m. If the view is obscured by tree-lined avenues or there are cycle paths in the way, or if on-road loading is not permitted, as on many routes, the RRL offers the best solution – as it does for large piles for optimum beet protection. The RRL has an unbeatable transfer reach of up to 9.50 m for bridging trenches or long distances, a continuously variable transfer height of up to 5.50 m for trouble-free loading of trucks and a loading arm that can be pivoted by up to 125° – for flexible use with minimum space requirements and perfect visibility.

The front-mounted engine counterbalances the transfer arm, giving the RRL 200 eco an optimum weight distribution, making road transport at 40 km/h (25 mph) easier and safer, and guaranteeing ideal stability. The external width of 3.00 m means it can be driven on roads without a special permit. Six LED headlights guarantee the best all-round visibility. The hydraulically foldable supporting legs and the remote-control adjustment options make the beet-cleaning loader easy to use in a very short time – for more safety in the field and on the road.