

ROYAL | REPEX | CAREX | SHUTTLE

BERGMANN

...die Spezialisten

BERGMANN Loader Wagons

For powerful green fodder harvest





*Proven quality
"Made in Goldenstedt"*



BERGMANN, a successful, medium-sized, family-owned company in the third generation, has been firmly linked to its business location in Goldenstedt and its people for 130 years.

Our actions are determined by an awareness of tradition and our innovative strength. Our state-of-the-art products for spreading and grassland technology, harvesting and transport logistics meet the highest quality standards and are in use worldwide every day.

As a strong and reliable partner in the agricultural sector, we develop and produce practical agricultural technology for our customers at our company's factory in Goldenstedt. Our company philosophy, our ambition and our commitment are:

Quality "Made in Goldenstedt"

BERGMANN Service

Customer satisfaction is our top priority

Our service does not end when a machine is sold. As a partner we are available to our customers at all times.

Our service technicians provide personal advice on site and, if required, also by telephone trouble shooting.

Our customer service always ready to listen to your questions! We are available around the clock with our emergency service!



Loader wagons

All four BERGMANN series loader wagons offer adapted system technology from specialists for professional farming operations and farm contractors. All machines come standard with exclusive equipment as well as well engineered loading and cutting management for the highest quality demands. BERGMANN is the only manufacturer to offer a pick-up either with or without

cam track for loader wagons. The user can therefore decide which pick-up best suits his operating conditions. All models can be used both as loader wagons and as forage transport trailers. They are available with or without dosing rollers depending on individual requirements. ISOBUS operation is series and a weighing system is optionally available.





The CAREX series



CAREX 330 S



CAREX 370 S



CAREX 410 S



CAREX 350 K



CAREX 390 K



CAREX 430 K

- Load volume (DIN) 31.3 – 43 m³
- EasyLoad 1,905 mm
- ActiveLoad 2,050 mm
- Hydraulic pick-up drive
- Rotor diameter 850 mm
- 45 knives
- Theoretical cutting length 35 mm
- Mechanical tandem chassis with parabolic springs (series for CAREX 330 S / 350 K)
- Tandem chassis with hydraulic axle compensation (optional for CAREX 330 S / 350 K)

The ROYAL series



ROYAL 260 S



ROYAL 280 S



ROYAL 280 K



ROYAL 300 K

- Load volume (DIN) 26.8 – 30 m³
- ActiveLoad 1,940 mm
- Mechanical pick-up drive
- 2-rotor system (cutting and pressing rotor)
- 41 knives
- Theoretical cutting length 34 mm
- Mechanical tandem chassis with parabolic springs

The REPEX series



REPEX 300 S



REPEX 340 S



REPEX 320 K



REPEX 360 K

- Load volume (DIN) 29.2 – 35 m³
- EasyLoad 1,795 mm
- ActiveLoad 1,940 mm
- Hydraulic pick-up drive
- Rotor diameter 750 mm
- 41 knives
- Theoretical cutting length 35 mm
- Mechanical tandem chassis with parabolic springs

The SHUTTLE series



SHUTTLE 370 S



SHUTTLE 410 S



SHUTTLE 450 S



SHUTTLE 490 S



SHUTTLE 390 K



SHUTTLE 430 K



SHUTTLE 470 K



SHUTTLE 510 K

- Load volume (DIN) 35.5 – 51 m³
- EasyLoad 2,125 mm
- ActiveLoad 2,270 mm
- Hydraulic pick-up drive
- Rotor diameter 850 mm
- 53 knives
- Theoretical cutting length 34 mm
- Tandem or tridem chassis with hydraulic axle compensation



BERGMANN ROYAL loader wagon

Tandem | 26.8 to 30.0 m³ load volume

► Pick-up



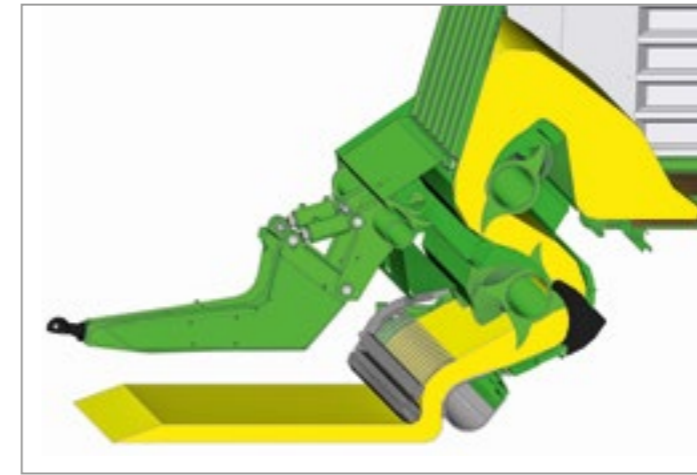
Clean intake

The actively controlled ActiveLoad pick-up with an intake width of 1,940 mm, five rows of tines and 55 mm tine spacing ensures clean, gentle forage pick-up.

For better pre-compaction and optimised forage transfer to the cutting rotor, the pick-up is equipped with two swath rollers followed by a guide comb. The even crop transfer to the rotor ensures perfect utilisation.



The pick-up features steered guide wheels for perfect ground following. This ensures clean forage intake even in hilly terrain. The optional wide guide roller directly behind the pick-up ensures even better ground following, especially in wet conditions and on soft ground.



► Rotor and cutting unit

BERGMANN 2-rotor loading system

In this unique rotor system, the cutting and pressing processes take place separately. The design and operating speed of the two rotors are matched so that the load cannot be pulped or crushed during loading and transfer.

This special design makes the ROYAL exceptionally energy-efficient.



Durable and reliable

The 2-rotor unit is driven by a special HD roller chain. The automatic lubrication system for the rotor and pick-up drive chain, fitted as standard, ensures a long service life and reliable operation.



Short cut

The 34 mm short cutting unit with 41 knives on one level ensures an exact, optimum, long and clean cut as well as excellent silage quality.

The knives are characterised by long-lasting sharpness and are easy to replace.



Knife bar

The knives are individually protected against foreign objects and automatically retract into the cutting groove on contact with foreign objects. Knives can be replaced in a matter of minutes without tools: The knife bar can be hydraulically swivelled, which automatically releases the knives for easy removal.

► Cargo space

Efficient material flow

The special shape of the front wall with its high pressing rotor transfer point allows gentle material transfer and ensures high forage quality. The shape of the front wall is exactly matched to the material flow. A built-in filler hood ensures even loading of the cargo space. Auto-load and a forage loading flap are optionally available for use as forage transport trailer.



Robust and low-wear

The scraper floor is made of impregnated wood and designed for maximum service life and operational safety. Four round-link steel chains with a total breaking load of 60 t ensure superior load capability. Paired elongation ensures that the chains run in perfect synchronicity and are low-wear. For reliable power transmission, the chains engage deeply with the solid chain sprockets.



Powerful drive

Power is transmitted via a spur gearbox with continuous speed adjustment and reversing function. An optionally available scraper floor drive on both sides with 2-speed control offers increased performance and a high unloading speed.



Convenient access

The large, lockable cargo space entry allows easy access through the folding ladder with low entry step. It is standard on the S-models and optionally available on the K-models.



High unloading rate

The K-models without dosing rollers are especially suited for rapid unloading of large forage volumes next to the silo. This leaves the silage roller more time to evenly distribute and thoroughly compact the forage.



Rapid, metered unloading

With its three dosing rollers as standard, the S-models can be unloaded rapidly. The rotating rollers allow metered and loosened unloading of the crop. The dosing rollers also ensure additional mixing, allowing a more homogeneous distribution and subsequent forage compaction.



Cross conveyor belt

For stable feeding or filling tower silos, the ROYAL series S-models can optionally be fitted with a hydraulically powered cross conveyor belt. When not in use, this is simply stowed under the loader wagon.

► Coupling and chassis

Hydraulic high-lift drawbar

The ROYAL models feature a hydraulically height-adjustable high drawbar with a tongue load of 2 t as standard.

For greater driving comfort and 3 t tongue load, a low drawbar is optionally available. The low hitching point makes starting off at high loads easier. The drawbar's slim design creates a highly manoeuvrable tractor-trailer combination.

The optional hydropneumatic drawbar suspension ensures gentle, safe driving characteristics even at high speeds, both on the road and in the field.



Robust chassis

The robust tandem chassis features a 4-spring pendulum suspension with a track width of 1,900 mm. An air brake system with ALB regulator is also standard. In combination with the tyres, the chassis ensures comfortable, smooth driving characteristics on both field and road. A reinforced chassis with larger brakes is optionally available.



Tyre options

For minimising ground disturbance on fields, high-volume tyres with various tread patterns for 22.5" wheel rims are available, depending on the model.

Follow-up steering

With the optional follow-up steering, the steered wheels follow curves, which protects the sward, reduces the required towing force, minimises tyre wear and reduces the load on the chassis. For driving on roads or inclines and for vehicle manoeuvres, the steering axles can be locked. In combination with the ISOBUS "Reverse" and "Driving speed" signals from the tractor, the steering axle automatically locks when reversing.



Brake system

An air brake system with ALB regulator, which automatically regulates the brake pressure according to the load is standard equipment.



BERGMANN loader wagons REPEX, CAREX and SHUTTLE

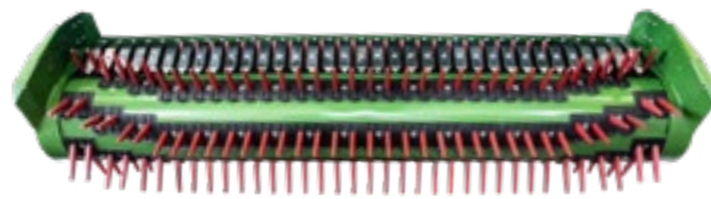
Tandem and tridem | 29.2 to 51.0 m³ load volume

► Pick-up



ActiveLoad

- Actively controlled pick-up
- Reliable stripping of the spring tines
- Safe transfer of crop into the rotor
- Clean forage and high soil protection thanks to adjustable pick-up speed
- Six rows of tines ensure an even, clean crop intake, especially at high driving speeds.



EasyLoad

- Simply designed camless pick-up with short scrapers
- Smooth running and low maintenance
- Wear-resistant tines made of high-quality polyurethane
- Good ground following and clean forage due to wide, flexible tines
- Easy tine replacement due to patented tine attachment with only one bolt
- Six rows of tines ensure an even, clean crop intake, especially at high driving speeds.



Perfect speed

Thanks to its hydraulic drive, the speed of the pick-up can be controlled independently of the tractor's motor speed. This allows the driver to set the pick-up's ideal operating speed for the current conditions. The standard driving speed-dependent pick-up speed control ensures continuous intake and feeding of the forage to the rotor. This takes the strain off the driver so that even long working days can be mastered without fatigue. This function requires the "Driving speed" ISOBUS signal from the tractor.



Optimised material flow

For better pre-compaction and optimised forage transfer to the rotor, the pick-up is equipped with a new suspension for the double swath rollers followed by a guide comb. The suspension and bearing points are designed to ensure a continuous, trouble-free flow of material. The even crop transfer to the rotor ensures perfect utilisation of the BERGMANN loader wagons.



Perfect ground adaptation

The pick-ups have a standard pendulum suspension and are equipped with trailing guide wheels for ideal adaptation to the ground. This ensures clean forage intake even in hilly terrain. The optional wide guide roller directly behind the pick-up ensures even better ground following, especially in wet conditions and on soft ground.



Pick-up relief

Mechanical or hydraulic pick-up relief is optionally available to ensure even pick-up contact pressure. The mechanical pick-up relief in particular impresses with its fast reaction speed to any ground contour. Higher driving speeds are therefore possible without the pick-up losing ground contact. This in turn achieves a perfect pick-up pattern even when driving fast on uneven ground – providing the basis for clean, high-quality forage.

► Rotor and cutting unit

Rotor REPEX

The REPEX excels with its superior cutting performance and load rate thanks to its rotor diameter of 750 mm in combination with seven spiral-shaped tine rows. Hardox-grade tines ensure a long service life. The rotor is powered via a robust, powerful and low-maintenance spur gearbox.



Rotor CAREX and SHUTTLE

The powerful 850 mm diameter rotor with eight spiral-shaped tine rows provides gentle, even forage feed into the cargo space. Hardox-grade tines ensure a long service life. The tine tips have a pointed shape, allowing optimised penetration into the material flow and thereby improving the load rate.



REPEX and CAREX 330 S / 350 K

► Cargo space

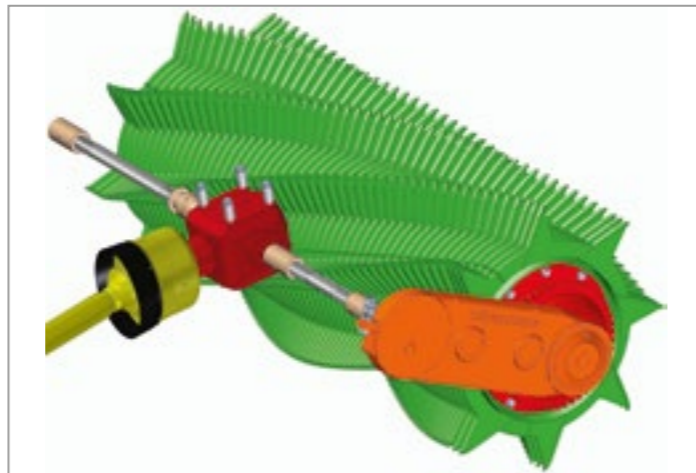
Efficient material flow

The special shape of the front wall allows gentle material transfer and ensures a high forage quality. The shape of the front wall is exactly matched to the material flow. A built-in filler hood ensures even loading of the cargo space. A forage loading flap is optionally available for use as forage transport trailer.

► Standard on REPEX series and CAREX 330 S / 350 K

Rotor drive CAREX and SHUTTLE

A high-performance planetary gearbox drives the rotor. Combining compact design with impressive power reserves, it is engineered for the biggest tractors. The combination of spur gearbox and subsequent planetary gearbox means that the torque is generated only where it is required.



From CAREX 370 S / 390 K and SHUTTLE

Swivelling front wall

During loading, the front wall is initially tilted towards the rear to ensure maximum utilisation of the cargo space. When the cargo space is filled up to the tailgate or the dosing rollers, the front wall automatically swivels towards the front, providing an additional cargo volume of approx. 5 m³. During unloading, the front wall moves to the rear again to actively assist unloading. The forage loading flap is standard.

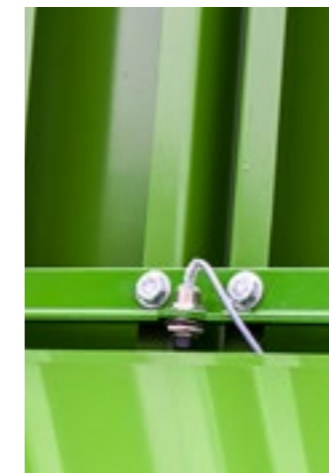
► Standard from CAREX 370 S / 390 K and on the whole SHUTTLE series

Short cut

The cutting unit provides an exact, optimum, long and clean cut and ensures excellent silage quality.

The knives are individually protected against foreign objects and automatically retract into the cutting groove on contact with foreign objects. Knives can be replaced in a matter of minutes without tools.

- **REPEX:** 41 knives with a theoretical cutting length of 35 mm
- **CAREX:** 45 knives with a theoretical cutting length of 35 mm
- **SHUTTLE:** 53 knives with a theoretical cutting length of 34 mm



Auto-load

The optional auto-load ensures optimum loading: Two sensors – one centrally positioned at the bottom of the front wall and one up on the filler hood – continually monitor the material flow. If one of the sensors is actuated by the pressure from the harvested crop, the scraper floor automatically starts up to evenly move the material towards the rear.

This ensures even filling, optimum cargo space utilisation and clearly reduces the burden on the driver.

Scraper floor REPEX

The steel scraper floor is inclined towards the front by 340 mm to reduce the conveying channel height and the power required from the rotor drive. It also ensures gentle forage handling and increases the load rate.

Four round-link steel chains with a total breaking load of 60 t ensure maximum load capacity. Paired elongation ensures that the chains run in perfect synchronicity and are low-wear. For reliable power transmission, the chains engage deeply with the solid chain sprockets.



Scraper floor CAREX and SHUTTLE

The steel scraper floor is inclined towards the front by 275 mm to reduce the conveying channel height and the power required from the rotor drive. It also ensures gentle forage handling and increases the load rate.

Four round-link steel chains with a total breaking load of 100 t ensure maximum load capacity. Paired elongation ensures that the chains run in perfect synchronicity and are low-wear. For reliable power transmission, the chains engage deeply with the solid chain sprockets.



Powerful drive

The drive enables continuous speed adjustment and has a reversing function. The two-sided scraper floor drive has a 2-speed control with a higher scraper floor speed and higher unloading rate.

Scraper floor drive on both sides:

- ▶ Standard on CAREX and SHUTTLE
- ▶ Optional on REPEX



Convenient access

The large, lockable cargo space entry allows easy access through the folding ladder with low entry step.

- ▶ Standard on REPEX S-models and all CAREX and SHUTTLE models
- ▶ Optional on REPEX K-models



CAREX and SHUTTLE

Cargo protection

The optional two-wing cargo space cover ensures safe transport of the load. Its tear-resistant nets adapt perfectly to the load's contour and stay firmly in place – even at high speed. Because the nets are bolted to the cargo space, they completely envelop the load. Opening and closing takes just a few seconds.

- ▶ Optional from CAREX 370 S / 390 K and on the whole SHUTTLE series



REPEX, CAREX and SHUTTLE

More load volume

For an even higher load volume, 90 mm high side wall extensions are optionally available. The higher load volume significantly increases the transport efficiency.

Rapid unloading

The K-models without dosing rollers are especially suited for rapid unloading of large forage volumes next to or on the silo. This leaves the silage roller more time to evenly distribute and thoroughly compact the forage.



Rapid, metered unloading

With its three dosing rollers as standard, the S-models can be unloaded rapidly. The rotating rollers allow metered and loosened unloading of the crop. The dosing rollers also ensure additional mixing, allowing a more homogeneous material distribution and subsequent forage compaction.



► Coupling and chassis

Mechanical chassis

In combination with the tyres, the different chassis ensure comfortable, smooth driving characteristics on both field and road.

The tandem chassis of the REPEX series has a 4-spring pendulum suspension and a track width of 1,900 mm.

The CAREX 330 S and 350 K have a track width of 2,100 mm.



REPEX and CAREX 330 S / 350 K

Hydraulic chassis

The tandem or tridem chassis with 300 mm hydraulic axle compensation ensures superior driving characteristics, excellent stability and off-road capability as well as safety both at standstill and while driving. Bumps are reliably compensated, ground contact pressure is significantly reduced and wheel subsidence is minimised. The axle compensation ensures that each axle carries the same load, even on rough terrain. All hydraulic chassis have a track width of 2,100 mm.

► Standard from CAREX 370 S / 390 K and on the whole SHUTTLE series

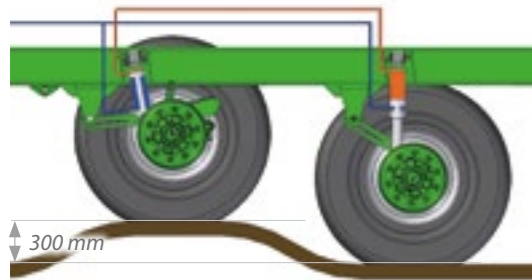
► Optional on CAREX 330 S and 350 K



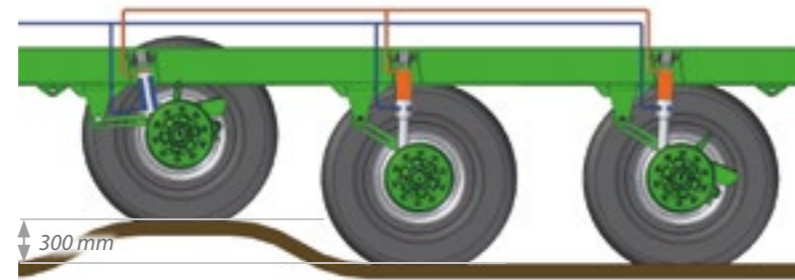
CAREX and SHUTTLE



Tandem



Tridem



Heavy load connection

Sturdy connection of the axles to the chassis with maintenance-free rubber and metal bearings (silent blocks) in the chassis cylinder. The bearings can absorb both radial and axial forces and provide vibration damping.



Follow-up steering

Thanks to the follow-up steering, the steered wheels follow the curve, which protects the sward, reduces the required towing force, minimises tyre wear and reduces the load on the chassis. For driving on roads or inclines and for vehicle manoeuvres, the steering axles can be locked.

In combination with the ISOBUS "Reverse" and "Driving speed" signals from the tractor, the steering axle automatically locks when reversing.

► Standard on CAREX and SHUTTLE

► Optional on REPEX



CAREX and SHUTTLE tandem

Hydraulic forced steering

For even greater driving comfort and minimum tyre wear, the tandem models of the CAREX and SHUTTLE series can optionally be fitted with a hydraulic forced steering. It also works reliable when reversing and further relieves the strain on the chassis. It is controlled by two master cylinders, which can be conveniently connected to the tractor's K50 connections.

► Optional on CAREX and SHUTTLE tandem chassis



Tandem



Tridem

Electronic forced steering

The electronic forced steering ensures fully automatic adaptation of the steering intensity to the driving speed. To improve dynamic stability, the steering angle of the steered axles is reduced at higher driving speeds and fully locked at a specific speed threshold. Operation is possible either via a separate operator terminal or via ISOBUS.

► Optional on CAREX and SHUTTLE tandem chassis: with K50 connection

► Optional on SHUTTLE tridem chassis: sensorless electronic forced steering

CAREX and SHUTTLE



Tyre options

For minimising ground disturbance on fields, high-volume tyres with various tread patterns for 22.5", 26.5" and 30.5" wheel rims are available. With their large diameter, the 30.5" tyres offer optimum rolling and rollover characteristics especially under adverse operating conditions.

Available tyres:

- ▶ **REPEX:** 710/45 R22.5 to 800/45 R26.5
- ▶ **CAREX and SHUTTLE:** 710/50 R26.5 to 800/45 R30.5



Brake system

An air brake system with ALB regulator, which automatically regulates the brake pressure according to the load, and a spring-actuated parking brake are standard.



Europe-wide approval

Full EU type approval of the REPEX, CAREX and SHUTTLE models according to the official regulation is standard. The CoC (Certificate of Conformity) documents are also supplied. Especially when reselling within the EU, type approval is an advantage, as it removes the need for individual national approvals.



▶ **Operation and convenience**

ISOBUS comfort operation

Superior user friendliness and high ease of use with ISOBUS operation as standard. Even inexperienced drivers will have no problem operating the intuitive user interface with the self-explanatory graphics and icons. Thanks to the AEF-certified software, the vehicle can be operated via any ISOBUS terminal.



ISOBUS terminal BCI 600

The BCI 600 with 5.6" touch screen display is fully ISOBUS compatible and can be used with all machines and makes. Operation is optionally possible via the touch screen or directly via the 12 function buttons. The backlit, double-row function buttons and the ergonomic grip bar on the back allow reliable, comfortable operation with one hand even on rough terrain and without needing to look down.



ISOBUS terminal CCI 800

With its large 8" display, the CCI 800 allows the operator to fully focus on the task at hand. Multi touch in combination with the innovative menu navigation makes it as easy to operate as a smartphone. Functions such as Task-Controller and Section Control can be integrated. A connection to the agrirouter is also possible. For even more convenience, camera images can be displayed in addition to the user interface.

Exact documentation

For exact control of the load and total unloaded mass, a hydraulic weighing system is optionally available.

The hydraulic weighing system records the readings from the pressure sensors in the chassis hydraulics and from a K80 measuring drawbar eye. The load is indicated via ISOBUS.

- Option only available with hydraulic chassis



Filling level detection

The optional filling level detection by ultrasonic sensor on the tailgate measures the filling level in real time and indicates it as a percentage on the terminal. The dust- and dirt-proof sensor provides reliable readings. The driver can decide, for example, whether to directly move on to the next field or empty the load first.

- Optional from CAREX 370 S / 390 K and on the whole SHUTTLE series

Automatic high-lift drawbar

The drawbar position can be saved for each working menu and automatically set again at the press of a button. This enhances operator convenience and reduces the burden on the driver. In combination with the tractor's ISOBUS "driving speed" signal, the drawbar automatically moves to the height saved for each working menu (Loading, Road driving and Unloading) when the menu is selected.

- Standard on all loader wagons



Everything in sight

For a clearer view and enhanced safety, cameras can optionally be fitted. The cargo space camera allows the filling level to be monitored in real time. The reversing camera makes manoeuvring much easier, as it provides a clear view of the area behind the vehicle at all times. The camera images can be shown either on the separate screen or directly on the CCI 800 ISOBUS terminal.

Automatic unloading

The tailgate automatically opens to the set value at the press of a button. The scraper floor then starts immediately. On loader wagons with dosing rollers, the scraper floor starts up when the PTO speed is higher than 650 rpm.

To end unloading, the button for closing the tailgate must be held until the tailgate is closed. The scraper floor then stops automatically.

- Standard from CAREX 370 S / 390 K and on the whole SHUTTLE series



Light wherever you need it

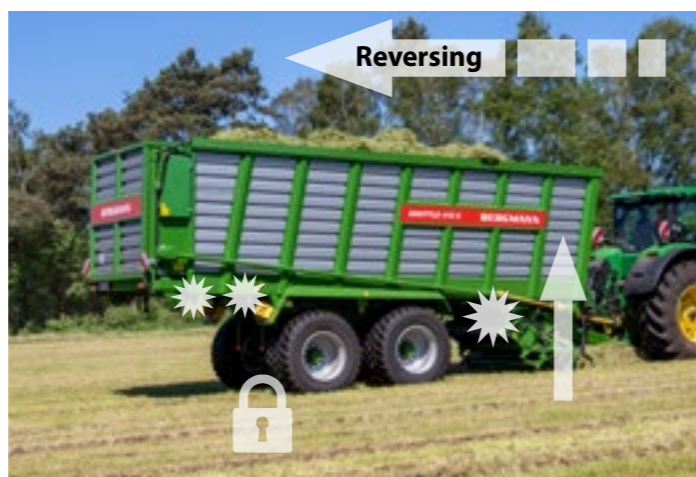
For safe, comfortable working in darkness, two smartly designed light packages are optionally available. The first package comprises four LED strips that light the cargo space plus two LED reversing lights. In addition to these, the second package contains two LED strips above the pick-up and two LED working lights on the sides next to the cutting unit.

- Optional on REPEX, CAREX and SHUTTLE

Automatic reversing functions

These automatic functions are standard, reduce the burden on the driver and simplify manoeuvring. When reversing, the following functions run automatically:

- The pick-up is raised.
 - The steering axle is locked (if follow-up steering is fitted).
 - The reversing lights are switched on (if fitted).
- This function requires the "Driving speed" and "Driving direction" ISOBUS signals from the tractor.



Reliable lubrication

The optional automatic central lubrication system facilitates a continuous lubricant feed that is optimised for every bearing, which significantly reduces maintenance effort.

Technical data

Model		ROYAL 260 S / ROYAL 280 K / ROYAL 280 S / ROYAL 300 K	REPEX 300 S / REPEX 320 K	REPEX 340 S / REPEX 360 K	CAREX 330 S / CAREX 350 K	CAREX 370 S / CAREX 390 K	CAREX 410 S / CAREX 430 K	SHUTTLE 370 S / SHUTTLE 390 K	SHUTTLE 410 S / SHUTTLE 430 K	SHUTTLE 450 S / SHUTTLE 470 K	SHUTTLE 490 S / SHUTTLE 510 K
Volume according to DIN 11741 ¹⁾	m ³	26.8 / 28.4 / 28.4 / 30.0	29.2 / 30.4 (o) 30.3 / 31.5 (o)	32.5 / 33.9 (o) 33.7 / 35.0 (o)	31.3 / 32.6 (o) 32.7 / 34.0 (o)	35.5 / 37.5 (o) 37.0 / 39.0 (o)	39.5 / 41.5 (o) 41.0 / 43.0 (o)	35.5 / 37.5 (o) 37.0 / 39.0 (o)	39.5 / 41.5 (o) 41.0 / 43.0 (o)	43.5 / 45.5 (o) 45.0 / 47.0 (o)	47.5 / 49.5 (o) 49.0 / 51.0 (o)
Tandem, mechanical		Standard	Standard	Standard	Standard	–	–	–	–	–	–
Tandem, hydraulic		–	–	–	Optional	Standard	Standard	Standard	Standard	Standard	–
Tridem, hydraulic		–	–	–	–	–	–	–	–	Optional	Standard
High drawbar		Standard	Standard	–	–	–	–	–	–	–	–
Low drawbar		Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Length ¹⁾	mm	8,774	9,710	10,460	9,650	9,650	10,400	9,650	10,400	11,150	11,900
Width ¹⁾	mm	2,435	2,670	2,670	2,780	2,780	2,780	3,000	3,000	3,000	3,000
Height ¹⁾	mm	3,705 / 3,705 / 3,855 / 3,855 ²⁾	3,805 ³⁾	3,805 ³⁾	4,000 ⁴⁾	4,000 ⁴⁾	4,000 ⁴⁾	4,000 ⁴⁾	4,000 ⁴⁾	4,000 ⁴⁾	4,000 ⁴⁾
Gross weight ¹⁾	kg	16,000 – 17,000	20,000 – 21,000	20,000 – 21,000	21,000 – 24,000	23,000 – 24,000	23,000 – 24,000	23,000 – 24,000	23,000 – 24,000	23,000 – 34,000	33,000 – 34,000
Net weight ¹⁾	kg	6,650 / 5,990 / 6,700 / 6,040	8,960 / 8,610	9,160 / 8,810	9,660 / 9,310	9,820 / 9,470	10,320 / 9,970	10,180 / 9,830	10,680 / 10,330	10,820 / 10,470	13,300 / 12,750
Pick-up intake width (EasyLoad / ActiveLoad)	mm	1,940	1,795 / 1,940	1,795 / 1,940	1,905 / 2,050	1,905 / 2,050	1,905 / 2,050	2,125 / 2,270	2,125 / 2,270	2,125 / 2,270	2,125 / 2,270
Pick-up ground clearance ¹⁾	mm	~ 350	~ 350	~ 350	~ 400	~ 400	~ 400	~ 400	~ 400	~ 400	~ 400
Ground clearance with extended high-lift drawbar ¹⁾	mm	~ 600	~ 600	~ 600	~ 700	~ 700	~ 700	~ 700	~ 700	~ 700	~ 700
Rotor diameter	mm	2x 600	750	750	850	850	850	850	850	850	850
Theoretical cutting length	mm	34	35	35	35	35	35	34	34	34	34
Number of knives	pce.	41	41	41	45	45	45	53	53	53	53
Power demand	kW / HP	59 – 132 / 80 – 180	88 – 147 / 120 – 200	88 – 147 / 120 – 200	110 – 257 / 150 – 350	110 – 257 / 150 – 350	110 – 257 / 150 – 350	132 – 257 / 180 – 350	132 – 257 / 180 – 350	132 – 257 / 180 – 350	132 – 257 / 180 – 350

¹⁾ depending on equipment level

²⁾ with Vredestein 620/40 R22.5 reference wheel

³⁾ with Vredestein 710/45 R22.5 reference wheel

⁴⁾ with BKT 710/50 R26.5 reference wheel

Optional:

- Hydraulic drawbar suspension
- Hydraulic or electronic forced steering on CAREX and SHUTTLE
- Lift axle on Tridem
- Reinforced axles with larger brakes on ROYAL, CAREX and SHUTTLE
- Guide roller behind the pick-up
- Rotor cover
- Side wall extensions
- Cargo space cover on CAREX and SHUTTLE
- LED working lights
- Various lighting options
- Range of tyre options
- Auto-load
- Filling level detection by ultrasonic sensor
- Camera package
- Hydraulic weighing system
- Central lubrication system

Our product range contains the right vehicle for every operation and every application.

- ▶ Manure spreaders
- ▶ Universal spreaders
- ▶ Loader wagons
- ▶ Forage transport trailers
- ▶ Body swap systems
- ▶ Transfer trailers
- ▶ Beet transfer trailers
- ▶ Bodies for self-propelled systems

BERGMANN

...die Spezialisten

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