

ZX 400, 450, 550

Dual-purpose forage wagons

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KRONE ZX

Self-loading or harvester loaded forage wagons

Hydraulic hinged front flap

KRO

- Camless EasyFlow pick-up with double tines in W-arrangement
- Massive cut-and-feed rotor with wide Hardox plated tines
- Swing-out cutterbar with 46 selectable blades
- Optional SpeedSharp blade sharpener
- Steel floor slopes to the front
- Split chain-and-slat floor with flat link chains
- Discharge roller overload protection through main driveshaft
- EBS electronic braking option

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ZX is KRONE's range of versatile forage wagons, which serve two purposes to boost your profitability.

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ZX The better way of forage harvesting

- Versatile
- Efficient
- Economical



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ZX – the high-capacity range						
Model	Discharge rollers	Bodywork	Capacity (DIN 11741)	No. of knives		
ZX 400 GL	-	Solid steel	38 m³ (1,341 ft³)	46		
ZX 400 GD	+	Solid steel	38 m³ (1,341 ft³)	46		
ZX 450 GL	-	Solid steel	43 m ³ (1,518 ft ³)	46		
ZX 450 GD	+	Solid steel	43 m ³ (1,518 ft ³)	46		
ZX 550 GL	-	Solid steel	53 m³ (1,871 ft³)	46		
ZX 550 GD	+	Solid steel	53 m ³ (1,870 ft ³)	46		

One machine – many applications

Viable farming and contracting means boosting efficiency, cutting costs and utilizing machinery to its full potential all year round. This is the backdrop against which KRONE developed the ZX combination wagons. These forage wagons serve two purposes equally well, either running alongside or behind the forage harvester or loading crops by themselves using their pick-up system.



Nothing is lost

Lacking cross hoops and ropes as well as sliding tarp, the ZX models offer excellent loading from a forage harvester, allowing the stream of crop flowing from the chute into every corner of the loading space.



Unloading without discharge rollers

The dual-purpose ZX 400 GL, ZX 450 GL, ZX 550 GL models are high-capacity machines with rigid steel sides, which ensure your valuable crop is clamped without loss. The two powerful chain-and-slat floors are driven by separate motors and move the material to the rear and through the huge opening, minimizing the amount of time spent on the clamp and maximizing your efficiency.



Picking up fast and cleanly

The camless EasyFlow pick-up features a massive rotor cutter, which produces nominal chop lengths of 37 mm (1.5"), making ZX a full-fledged and high-capacity self-loading forage wagon with a cutting system – just the kind of high-output system contractors ask for.



Unloading via discharge rollers

Their rigid steel structure and up to three discharge rollers make the ZX 400 GD, ZX 450 GD, ZX 550 GD models very versatile machines, which unload the material in uniform mats to reduce the workload on the clamp and provide the best conditions for high-quality silage.

EasyFlow The camless pick-up i Less wear and maintenance High workrates, high performance, quiet running Consistent and clean pick-up by tines in a staggered W-arrangement

EasyFlow - more efficient and more effective

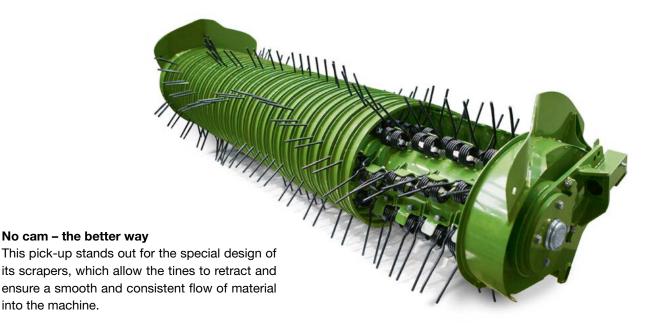
Picking up the crop at a width of 2,100 mm (to DIN 11220) and operating at a higher speed, the camless EasyFlow pick-up with helically arranged tines excels

even in the most challenging conditions. Harvesting wide swaths, heavy crop at high workrates? EasyFlow will deliver!



Cost effective and powerful

EasyFlow is a camless pick-up which is simple by design compared with other systems. Fewer moving parts result in much quieter running and less wear and ultimately in lower service and maintenance costs. Arranged in a helix, the double tines meet the most exacting demands and collect the material dependably at high workrates.



Low-maintenance driveline

The chain is tensioned automatically and overload protected by a star ratchet clutch.

Smooth flow of crop

The tines are arranged in a W-pattern on the rotor, the tines feed the crop in a consistent flow and at the full width to the cut-and-feed rotor, boosting throughputs and machine fills.









Perfect

Boasting six rows of tines spaced 55 mm (2.2") apart, EasyFlow also picks up the short stems. The 6.5 mm (0.3") tines with large-diameter coils withstand the most arduous conditions.





Crop press roller

This standard-fit roller maximizes the machine's pick-up capacity and warrants a continuous flow of the crop into the machine. The roller can be set to various heights to match the swath size and ground speed perfectly.

Excellent tracking

The pneumatic guide wheels on either side of the pickup offer height control for full adaptation to any ground contours. Tracking excellently behind the tractor during headland turns, these wheels avoid scuffing and offer best protection of the sward.



Guide wheels at the rear

Optional guide wheels at the rear of the pick-up ensure all material is picked up effectively from soft and wet ground. Not running in the tractor wheelings, these height-adjustable wheels ensure the depth of the pickup tines is maintained at all times.



Pivoting across the direction of travel

Pivoting laterally, the pick-up follows ground contours in any direction – axially and transversely, ensuring clean rakes and an impeccable surface.



Plenty of ground clearance

The articulated drawbar with double-acting ram is standard specification and provides for a generous ground clearance of up to 75 cm (2'5.5") – enough to roll on clamps. An optional drawbar control system automatically raises the articulated drawbar on the headland. The operator can store the lift-out height to the control unit and retrieve it as required.



Cut-and-feed rotor

Feeding a continuous flow of crop into the machine

Large 880 mm (2'11") diameter rotor for high-capacity loading



- Extra wide tine plates for efficient crop feed and reduced power input
- Enhanced durability from high-tensile Hardox tine plates



Higher outputs, better cuts

The 880 mm (2'11") diameter and 1,840 mm (6') wide ZX cut-and-feed rotor features eight helix rows of tines to deliver an enormous performance. The tines feature

extra wide feed plates to provide gentle crop treatment, enhanced quality of cuts and reduced power input.



Faster and easier crop feed

The ZX cut-and-feed rotor evolved from decades of field experience.

It is powerful and soft on the crop as well as low-maintenance and modest in its power requirement. Depending on model and conditions, the ZX dual-purpose forage wagons can be operated by 143 hp+ tractors.





Extra strong driveline

Drive power for the rotor comes from oilimmersed spur gears that require no attention at all. The driveline copes with highest loads and warrants dependable operation during the peak season.



Hardox for longevity

The cut-and-feed unit is exposed to the highest strains; so we made its tine plates and scrapers from Hardox steel to reduce wear and increase the service life.

The cutting system

A cutting-edge concept

- Top-quality cuts
- Up to 46 knives cut shortest lengths of down to 37 mm (1.5")
- The automatic knife selection system selects knives in sets of 0, 23, 23 or 46
- Automatic locking system, knife changes without tools

The crop is pulled over the blades

The knives cut down their full lengths, so the system runs easier and quieter. The wavy blades maintain their sharpness over extended periods of time.



Cutting like scissors

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This technique prevents the stems from slipping through the small gap between the wide tine plates and the knives and eliminates the risk of mushing, ensuring perfect cuts.



Finest quality cuts!

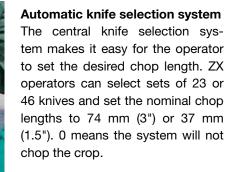
Cutting like scissors... The secret behind this system, which cuts the crop like scissors, are the extremely narrow gaps between the wide tine plates and the spring-loaded knives. As many as 46 knives are available to produce perfect chops. The central knife selection system operates them in sets of 23 or 46 for quick chop length adjustment.





Operating the cutting system from the tractor

The cutterbar lowers hydraulically to remove a blockage. Once the blockage is removed, the unit swings back into position and work is resumed.





Individual knife protection

Each knife benefits from its own spring-loaded protection and retracts and swings back automatically after the object has passed. The knife-locking system's trigger point varies to suit individual conditions. It is set infinitely variably on a central control.

Fitting and removing blades It's practical and convenient i The cutterbar swings out to the side Replace blades without tools. Cutterbar locks home automatically Controlled from the left machine side

From the cab

Operated hydraulically, the cutterbar lowers deep to provide for an effective removal of blockages and swings out to the side for convenient replacement of the blades.



High comfort

These controls allow operators to conveniently raise and lower the cutterbar without remounting the tractor – for easy maintenance and blade changes. The controls are available on machines that feature the on-board Comfort control system.



Straightforward and convenient

All blade-changing operations are carried out from the left side of the machine: lower the cutterbar, swing it out to the side and remove the blades without tools – a time and cost saving system.



How you do it

Lower the entire cutterbar hydraulically, retract all blades to position 0 and unlock them. Then operate a lever on the left machine side to unlock the bar and swing it out.



Remove the blades by pulling them up and out of the bank. It's that easy.



As the cutterbar swings back in place, its right end locks home automatically.

SpeedSharp

Automatic blade sharpener

- Sharpens the blades conveniently and fast within minutes
- Sharpens 23 blades in one operation
- Sharpens all blades consistently all 23 grinding discs adjust automatically
- No annealing
- Simple design, absolutely dependable
- No sparks flying under the wagon

A KRONE exclusive

This optional and fully automatic sharpener consists of a hydraulic shaft with grinding discs that slide to the side, grinding the full set of 46 blades in only two passes and controlling all the individual sequences automatically.

Flap discs

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The 23 flap discs have generously overlapping flaps. Warranting superior performance and longevity, they give a ,cold' grind that prevents the blades from annealing.





Quick and easy

Sharp blades are fundamental for clean cuts and light action. Experience shows that operators will sharpen the blades more frequently if the process is straightforward. Therefore KRONE developed SpeedSharp, the unique blade sharpening system for fastest, safest and most convenient grinds. Its trademark is its simplicity. The high comfort SpeedSharp is operated by pressing a button. You can enter up to 10 cycles to the terminal.





Consistent sharpness

Each disc is pressed on to the blade by a bevel spring, a design that leads to a high-quality and consistent grind of all blades whilst minimising the amount of material that is removed from the blade. The system warrants consistently sharp blades even when these show different degrees of wear.



Sharp blades in about 4 minutes

A complete grinding cycle for all 48 blades, including cutterbar out / in, takes only four minutes, depending on the number of cycles entered to the terminal. The cutterbar swings out to the side and offers an excellent view of the grinding process.



Automatic and safe

Swing out the cutterbar, fold up the grinding shaft and couple two oil hoses. Then press an external control to start hydraulic grinding. An electronic sequence control moves the shaft up and down and to the sides. No sparks can fly off because all grinding takes place alongside the machine.

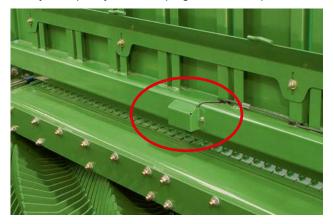
The body with a difference

More capacity, easier loading

- More capacity and more fuel economy from the sloping chain-and-slat floor
- Easier unloading from a conical body with steel floor
- Higher efficiencies from a split chain-and-slat floor with separate motors
- Ultra-durable flat link chains
- Automatic 'PowerLoad' system
- VariLoad controls the floor speed automatically and relative to the crop density

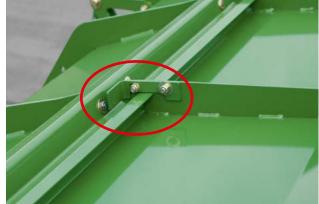
PowerLoad

PowerLoad comprises a strain gauge that measures the load exerted on the cross beam that braces the lower part of the front wall. As soon as the gauge senses the load limit and hence the required crop density in the load area, the chain-and-slat floor starts to move automatically. The speed at which it advances is also controlled automatically and relative to the current crop density. This so-called 'VariLoad' system fills the machine uniformly to capacity while keeping fuel consumption low.



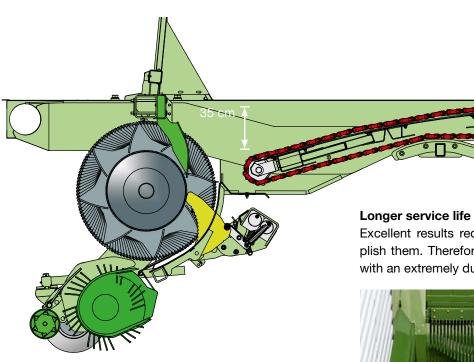
Filling to capacity

The volume sensor on the front flap at the top senses the degree of filling. As soon as the flap moves beyond a preset angle, the system activates the chain-andslat floor. The operator can use either the load sensing system or the volume sensing system or both systems together.



Advancing to success

The ZX range was designed with the contractor in mind. The sloping chain-and-slat floor is an achievement that brings efficiency and easy-loading plus boosted capacity – all at the same time.



Powerful chain-and-slat floor As the chain-and-slat floor slopes at the front it shortens the passageway through which the crop moves into the machine. As a result, less power is required to feed the material into the load area and the process is faster and gentler on the crop at the same time for maximum efficiency at minimum consumption. Excellent results require excellent tools to accomplish them. Therefore we equipped our ZX wagons with an extremely durable steel floor.













1. Strong

The 240 mm (9.4") high side beams are made from channel steel and combine with a large number of hightensile stanchions and hot-galvanised, powder coated and plastic-laminated sides to give ultimate durability and strength.

2. Professional

Two chain-and-slat floors and the conical design of the load area combine to ensure smooth and fast unloading – bracing you for wet and heavy crops.

3. Powered from either end

The gearboxes and their respective hydro motors are integrated in the chassis – one motor on each end and for each moving floor. The operator can double the floor's advance speed from a spool. The standard auto fast mode also activates the fast mode of the chain-and-slat floor relative to the current crop density inside the load area.

4. Flat link chains

The four flat link chains feature massive joints and are extremely had-wearing and high-tensile. The wide chain links and sprocket teeth translate into an effective advance.





No crop is lost

You can fit this plate when using the wagon as a maize trailer to run alongside or behind the forage harvester. The plate keeps the rotor and passageway clean and free of crops.







Folding front flap

The top section of the headboard folds down 90° to provide for easier loading from the forage harvester. It is in vertical position when the wagon is running alongside the forager and inclines to rear when operating as a self-loading forage wagon. The automatic loading system is integrated in this top section.









Dependable in the heat of harvest

The GL models are the heavy-duty models in the ZX range. Rated to a gross weight of up to 31 tonnes, these massive machines boast huge capacities, highest workrates, a superior quality of cut as well as absolutely

dependable operation – qualities that are crucial in silage harvesting. The ZX bodies are particularly strong and robust. Lacking top hoops and ropes, they make perfect trailers to run in the corn harvest chain.



Harvesting without losses

Offering capacities of 38 m³ to 53 m³ (1,342 ft³ to 1,872 ft³) (DIN 11741) in versatile applications and featuring solid steel sides and no discharge rollers, the ZX dual-purpose 400 GL, 450 GL, and 550 GL models are our 'contractor' machines. These machines are designed to deliver highest levels of efficiency and profitability.





It's safe, too

This sensor switch on the tailboard stops the chainand-slat floor as soon as the pick-up has filled the body to capacity. The floor automatically stops advancing to protect the tailboard from damage.





Cab based control The steel tailboard is operated by two single-acting rams on the sides – a convenient and time-saving system.

Clearing out effectively

Featuring a wide opening tailboard, two chain-and-slat floors as well as vertical and smooth sides, the ZX GL model effectively pumps out huge masses of forage.

California Standard Bual-purpose self-unloading forage wagons

- Heavy-duty steel sides, 32 m³ (1,130 ft³) and 35 m³ (1,236 ft³) capacities (DIN 11741)
- Choice of 2 or 3 large 470 mm (1'7") diameter discharge rollers
- Clutch in main driveshaft protects the rotors from overload

Useful

The side door with foldable ladder offers convenient access to the load area for easy removal of any crops that may have been left in the machine.

Fast

The direct driveline to the discharge rollers gives dependable efficiency during the unloading process. The main driveshaft has an integral overload clutch that protects the rotors and speeds up the unloading process.





Reaping success

The first step in making quality silage is spreading the material in uniform mats on the clamp. The ZX GD models with steel sides and up to three large-diameter rollers at the rear unload the material layer by layer and across the full length of the heap for effective clamping.





The chain-and-slat floor stops automatically

When the machine is filled to capacity and material starts pushing the bottom rotor to the rear, the motion detector stops the advance and the discharge rotors start off smoothly.



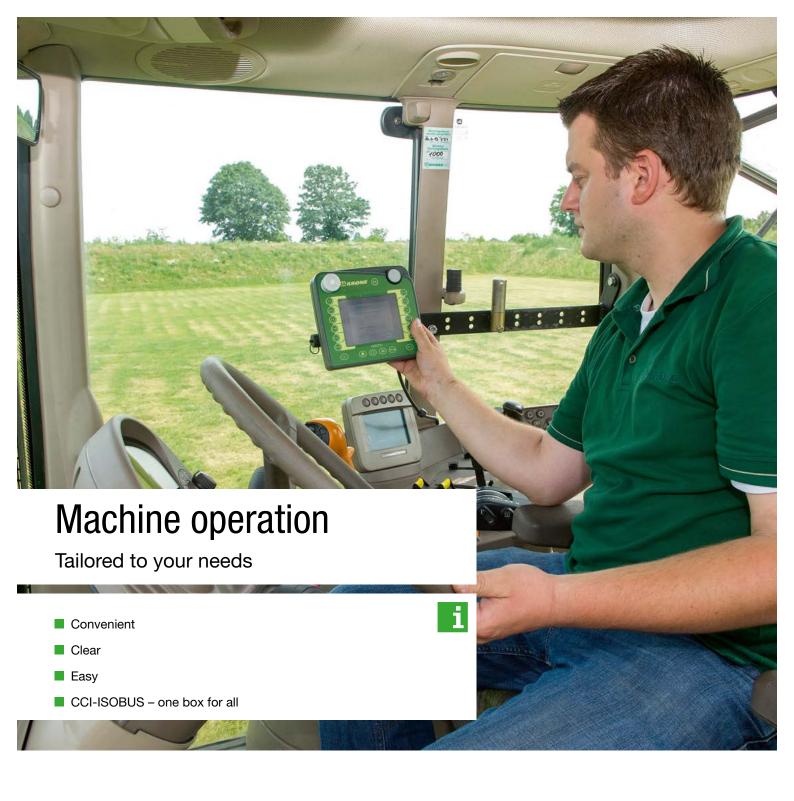
The heavy-duty driveline

Strong chains and spring-loaded chain tensioners transfer the drive power efficiently and without losses to the rollers. A motion detector on the bottom roller shuts off the floor to ensure smooth unloading.



Three rotors for triple power

Specify your forage wagon with an optional third roller and an adjustable tailboard and you will spread the material in even more uniform mats. Studded with V-tines, the rotors spread the crop across the full machine width, with the bottom rotor spinning faster than the top rotors to cut down on unloading time.





The Delta terminal

This terminal offers operators full fingertip control of all loading and unloading operations. Here you retrieve the number of hauls and operating hours as well as diagnose potential malfunctions. In addition, you control the automatic loading and unloading processes, lock the steered axle and activate the automatic silage additive feed system. The backlit digital display screen provides an excellent overview of all machine functions. In addition to the fingertip control option, you can also operate the knife bank from the ground on two controls by the side of the bank.

Practical and convenient

Ease of operation is as essential as high output and high efficiency. Our shockproof operator terminals are compact, clear-cut and easy to operate. They feature backlit buttons to reduce operator fatigue during long shifts well into the night. The CCI terminal is a universal operator control unit that is compatible with a wide variety of ISOBUS implements from many manufacturers.







The CCI 200 ISOBUS terminal

CCI 200 offers the same functions as our Delta terminal and the ability to link up with third-party ISOBUS equipment. The unit offers an ultimate level of operator comfort including a colour touchscreen, a shut-off key that stops all current electric functions, the task controller for job data processing and input for a CCTV camera.

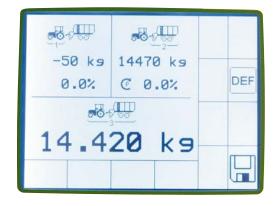
AUX-Joystick

The extra joystick (AUX) complements all our control boxes and brings key functions to your fingertip. All key functions are transferred from the box to the stick with fully customizable controls.



ISOBUS tractor terminal

The ISOBUS terminal for the tractor offers the extra feature of having the steered axle locked automatically when reversing the combination or when exceeding a preset speed (e.g. 30 km/hr (19 mph)).



Optional weighing system

The electronic weighing system uses sensor pins inside the drawbar and on the tandem/tridem axle with hydraulic levelling. The system determines the weight of the unloaded material by computing the difference between the load when filled to capacity and the amount of material left inside the machine after unloading is completed.

Tandem axle

Hydraulic auto-levelling

Anti-roll Anti-roll design for best road stability

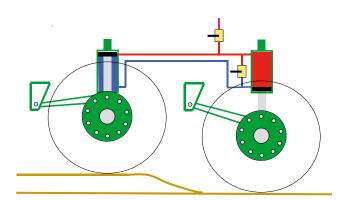
- Maximum stability on slopes Minimized risk of tipping
- Steered axles Steered axles protect the sward from damage and the tyres from excessive wear

WKRONE



Extremely adaptable

The axles benefit from large suspension travel, thereby distributing the load uniformly to both axles at all times. The assembly provides for easy climbing and unloading on high and steep clamps.



Maximum stability

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The oil flows from the cylinder on the front wheel to the cylinder on the rear wheel on one side of the machine and vice versa to compensate for undulating ground. Using two separate circuits inside one axle assembly eliminates the risk of rolling and maintains the body level at all times.

On the road of success

Large wheels and high sides pose high demands on the running gear of a dual-purpose forage wagon. The caster-steer and forced-steer tandem axles offer hydraulic levelling to cater for all requirements and situations. Each assembly offers maximum roll stability during travel at speed and around bends. More than that, it provides great stability on the slope. These axles offer maximum safety and operator comfort.



Superior road stability

A separate oil circuit on either machine side and equal oil pressures on either side of a ZX tandem or tridem axle assembly translate into greater road stability and reduce the risk of roll when working on slopes or managing tight turns at speed.



Gentle on the sward

The axle steering system is standard specification. Treading softly on the grass and pulling light in turns, the rear wheels are steered to reduce the wear on the tyres and the strain on the running gear.



Radial ply tyres 800/45 R 26.5 174 D



Radial ply tyres 710/50 R 26.5 170 D



Radial ply tyres 750/45 R 26.5 170 D

26.5" flotation tyres

A choice of different treads and carcasses is available for the tandem axle tyres to provide the right match for every situation.



Easy ride

The six wheels on the tridem assembly give absolutely soft treading and full adaptation to the ground no matter what the conditions are like. The hydraulic auto-levelling system between the hydraulic rams on the front and rear wheels and the separate circuits make it easy for the machine to run behind the tractor. There is no risk of rolling, instead you enjoy superior stability. The machine may be approved to 60 km/h (37 mph).



Heavy duty

The ZX 450 and ZX 550 models with tridem axles,

bottom-mount ball hitches, a 31,000 kg (6,834.6 lbs)

gross weight and 40 km/h or 60 km/h (25 mph or 37 mph) maximum

speeds tick every box. The heavy-duty chassis features hydro-pneumatic suspension and hydraulic levelling for superior stability.

Steered wheels

A steered front or rear axle provides excellent tracking in every curve, protecting the sward and minimizing drawbar power.

Lifting axle

The front axle can be raised hydraulically from the terminal to save tyre tread during empty hauls.

Full flotation

Each axle benefits from individual suspension and hence offers huge travel. As a result, each wheel puts the same pressure to the ground no matter how undulating the terrain.









Radial ply tyres 750/45 R26.5 170 D



Radial ply tyres 800/45 R26.5 174 D



Radial ply tyres 710/50 R 26.5 170 D

Suitable boots for the tridem axle

Select the tyres that best suit your applications. Wide tyres give easier pulling on soft ground and reduce the risk of compaction.

ZX 01/16 | **WKRONE**



The brakes

The ZX dual-purpose forage wagons have dual line air brakes as standard specification. The hydraulic loadsensitive proportional valve controls the brake pressure relative to the load. The hydraulic brake system is an option in certain markets.

Enhanced operational dependability

The optional electronic EBS brake system comprises ALB, ABS and RSS functions. The roll stability system intervenes by braking whenever there is a risk of rollover so that ZX will not roll over when managing narrow bends at speed. All functions interact to provide safe operation.





WKRONE | ZX 01/16

Better ride

As a leading manufacturer of commercial trailers, we do know the ropes of trailer manufacturing. Ever bigger and faster tractors, ever higher trailer capacities and payloads

call for a thorough rethink on road and field safety. Therefore, KRONE

offers an electronic brake system that has already proven its worth on our commercial trailers.

Steered axles help protect the swath and provide added safety.



Best straight travel

The cam discs on the stub axles are locked relative to the load that is currently placed on the axle. This results in maximum road stability and safe turning. The deflection forces are lowest when the machine is empty.



Caster-steer axles

The passive caster steer tandem axle is base specification for all ZX 400 and ZX 450 models. This axle assembly offers reduced tyre wear, reduced scuffing and light pulling in curves.



Locking cylinder

The caster steer system can be locked for shunting and clamping by operating a locking cylinder from the terminal. If the tractor is specified with ISOBUS, this auto lock system will ensure quiet castering at speeds of more than 30 km/h (19 mph).



Managing tightest turns

Doing without a control linkage, the passive caster steer system provides for plenty of clearance around the drawbar, which results in tightest turns. All clear for the rotors.





Hydraulic attachment for tandem axle models

The steering system on tandem axle models is attached to the tractor via a standardized ball hitch, a steering rod and a hydraulic master cylinder which controls the oil flow to and from the power steering ram.

Hydraulic attachment for tridem axle models

The tridem axle assembly has the wheels on the leading and the rear axles steered actively. The relevant rams are controlled by master cylinders which in turn are operated by two steering rods.





Hydraulic or electronic control

Forced-steer wheels protect the sward and the tyres as the machine is making the turn, reducing the load on the tandem or tridem axle and resulting in easier pulling. The electronic system allows the operator to interfere with the shunting or countersteer manually on the slope or in critical situations on the clamp.



Electronic forced steering

An electronically controlled forced-steer system controls the axle via the tractor's standard ball hitch, a steering rod and a sensor that senses the wagon's current angle relative to the tractor and sends the information to the axle steering system via the system's computer. This steering version uses a very compact linkage system which provides better agility than the hydraulic system.



Safe travel on the road

The electro-hydraulic forced steering system offers superior ride stability, quiet running and safety when travelling at speed, starting to decrease the intensity of steering when the machine's forward speed reaches 30 km/h (19 mph) and reducing it to zero when the combination reaches 50 km/h (31 mph).



Beware of the edge

The situation is familiar to every farmer – the machine is at risk of slipping off the clamp whilst rolling too closely along the edge. In this situation, the electro-hydraulic forced steering system allows the rear wheels on a tandem wheels (or the front and rear wheels on the tridem axle) to steer away from the edge.



Steering uphill

The electro-hydraulic forced steering system allows operators to countersteer in situations where the wagon is at risk of drifting downhill when travelling at right angles to the slope. The system steers the leading and rear axles on a tridem assembly.

Tractor attachment

Practical

- Bottom-mount drawbar with higher tongue loads
- Drawbar suspension for quiet running
- Hitch ball for high operator comfort



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Bottom-mount drawbar

The ZX dual-purpose forage wagons have bottommount drawbars. In this configuration, the ball hitch on ZX 450 and 550 offers a tongue load of up to 4,000 kg (8,818.4 lbs).



Suspended drawbar

The optional drawbar suspension system uses nitrogen tanks on the rams to absorb all shock loadings and provide a superior operator comfort.



The ideal hitch

Bottom mount attachment systems on forage wagons transfer

more load to the tractor's front axle and give the fourwheel drive system more grunt. The ball hitched ZX models impress by their quiet running and high ride comfort.





An ideal system

ZX features a foldable stand. The articulated drawbar adjusts hydraulically to the tractor's hitch height. It's easy.



Convenient attachment

The operator can also control the articulated drawbar from the ground on these standard controls. So, you can watch the hitching process.



K 80 hitch ball

This hitch ball offers maximum operator comfort and minimizes wear on your equipment as the combination runs smoothly without jolting or experiencing shock loads. The ball hitch is a requirement on tridem axle models with forced steering.



Hitch ring

The ID 50 mm hitch ring for pin hitch or Piton Fix is available for the ZX 400 and 450 models and is rated to 3,000 kg (6,613.8 lbs).



Spot on

The powerful LED lamp inside the body illuminates the load area for effective work during those long working days into the night. Up to four extra sidelights are available for the ZX model as an option.

Optional camera

An optional camera is available for all ZX models. Its footage is shown on the colour screen monitor, providing enhanced visibility to the operator and making his job easier and safer.

Visible from far away

LED sidelights and optional reflective strips mark the contours of the machine so other operators recognize the full size of the machine from far away.







Safe travel

Night work is a challenge for all operators on the harvest team and therefore KRONE offers an optional light kit for ZX models that brings maximum safety to all involved in the campaign. Optional crop covers ensure no crop is lost during road transport and also increases road safety.



Flexible and safe

The optional crop covers are flexible to adapt to the contours of the forage mass. Hinged to the sides, they cover the material effectively and will not open as the combination travels at speed.



Covers down

The open covers fold simply down the sides of ZX wagons. There is nothing in the way that might obstruct filling.

Hydraulic control

The covers are operated by hydraulic motors for quick and dependable control.







Technical Data

ZX dual-purpose forage wagons

		ZX 400 GL	ZX 400 GD	
DIN volume (DIN 11741)	Approx. m ³	38	38	
Overall length	Approx. mm	9,750 (32')	9,750 (32')	
Total width*	Approx. mm	2,950 (9'8")	2,950 (9'8")	
Total height*	Approx. mm	3,990 (13'1")	3,990 (13'1")	
Platform height*	Approx. mm	1,700 (5'7")	1,700 (5'7")	
Track width	Approx. mm	2,050 (6'9")	2,050 (6'9")	
GVWR	kg/lbs	23,000/50,705.8 (24,000/52,910.4)	23,000/50,705.8 (24,000/52,910.4)	
Drawbar tongue load	kg/lbs	3,000/6,613.8 (4,000/8,818.4)	3,000/6,613.8 (4,000/8,818.4)	
Chop length: 23 knives 46 knives	Approx. mm Approx. mm	74 (3") 37 (1.5")	74 (3") 37 (1.5")	
Pick-up width	Approx. mm	2,100 (6'11")	2,100 (6'11")	
Clearance under hydr. artic drawbar	Approx. mm	750 (2'6")	750 (2'6")	
Tyre size on tandem axle (Option)		· ,	800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	
Tyre size on tandem axle (Option)		-	-	
Discharge rollers		-	3 (2)	
Power requirement	Approx. kW/hp	105/143	105/143	
Hydraulic tandem axle		+	+	
Hydraulic tridem axle		-	-	

7X 400 GI

7X 400 GD

All specifications, weights and dimensions do not necessarily comply with standard specifications and are therefore not binding.



ZX 450 GL	ZX 450 GD	ZX 550 GL	ZX 550 GD
43	43	53	53
10,500 (34'5")	10,500 (34'5")	12,000 (39'4")	12,000 (39'4")
2,950 (9'8")	2,950 (9'8")	2,950 (9'8")	2,950 (9'8")
3,990 (13'1")	3,990 (13'1")	3,990 (13'1")	3,990 (13'1")
1,700 (5'7")	1,700 (5'7")	1,700 (5'7")	1,700 (5'7")
2,050 (6'9")	2,050 (6'9")	2,050 (6'9")	2,050 (6'9")
23,000/50,705.8 (24,000/52,910.4) (31,000/68,342.6)	23,000/50,705.8 (24,000/52,910.4) (31,000/68,342.6)	31,000/68,342.6	31,000/68,342.6
3,000/6,613.8 (4,000/8,818.4)	3,000/6,613.8 (4,000/8,818.4)	4,000/8,818.4	4,000/8,818.4
74 (3") 37 (1.5")	74 (3") 37 (1.5")	74 (3") 37 (1.5")	74 (3") 37 (1.5")
2.100 (6'11")	2,100 (6'11")	2,100 (6'11")	2,100 (6'11")
750 (2'6")	750 (2'6")	750 (2'6")	750 (2'6")
800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	- - -	- - -
800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)	800/45 R 26.5 TL (710/50 R 26.5 TL) (750/45 R 26.5 TL)
_	3 (2)	_	3 (2)
118/160	118/160	140/190	140/190
+	+	_	_
(+)	(+)	+	+

* Base specification, depending on tyres and axle assemblies





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