



ZUNHAMMER
GÜLLE-TECHNIK



DISTRIBUTION EQUIPMENT & ACCESSORIES

Ground-level, efficient technology
for optimal growth



A company steeped in tradition **THE SLURRY TECHNOLOGY SPECIALIST**

The Zunhammer company has been in existence since 1956. Founded by barrel makers, the company evolved into a vehicle manufacturing business. The company's first slurry tanker with wooden barrel rolled off the lot in 1958. Time and again, the slurry equipment pioneers have managed to astound the professionals in the trade and pushed development to new heights. In 1985, the entire production was converted from wood to plastic, resulting in drastically reduced weight without any compromises to stability. Stricter rules in environmental protection have given rise to ever more sophisticated slurry application equipment. Today, slurry is spread using sophisticated distributors. Modern control systems are available on request, with automatic electronic and GPS control.

Nowadays, the Upper Bavarian family business employs around 200 people and has one of the most modern production facilities for the construction of GRP tanks. Zunhammer specialises exclusively in the construction of slurry tankers with GRP tanks.

Full power and maximum precision ahead!

The soaring prices of mineral fertilizers and the ever more stringent requirements imposed on the farmers and environmental protection have increased the value of the slurry. Zunhammer assists you in adding nutrients in a targeted manner and offers the solution that lets you apply slurry in the most economical way possible.

The Zunhammer distribution equipment is tailored to fit your specific needs and an excellent choice for feeding plants the exact amount of nutrients they require.



GLIDEFIX / P.6

Close to the ground with precision

TRAILING HOSE / P.10

Close to the ground with up to 36 metres

KUSGU & KUSGU TRAIL / P.16

Strong in the soil

SUCTION SYSTEMS / P.22

Technology for every application

ALPEN-GLIDEFIX / P.8

Maximum performance on slopes

NOZZLES & TRAILING SHOES / P.12

Apply slurry even more precisely and sustainably

MORE DISTRIBUTION TECHNOLOGY / P.20

ZUNI-DRILL and VIBRO-GRUBBER

ACCESSORIES / P.22

Applying slurry made easy

Innovative slurry technology with system.

Clean, efficient and sustainable slurry application — at ZUNHAMMER, farmers and contractors will find well-designed machines for tough everyday use. And all this with a focus on lightweight construction, stability and maximum environmental compatibility. In addition to slurry tankers, our portfolio also includes feed technology, chassis solutions, electronic systems and a wide range of accessories.

Because we don't develop for theory — we develop for people who get things done.



Depositing the slurry below the plant, trailing shoe distributors keep the soiling of the leaves at a minimum. Nutrients are brought to the root where they are available to the plant, and emissions are reduced substantially. The Zunhammer GlideFix is an extremely robust trailing shoe distributor that produces clean work results thanks to its integrated Drop-Stop, cleverly designed folding mechanism, and excellent distribution quality.

ADVANTAGES

- ▶ Ideal for trailed slurry tankers
- ▶ Low tractive force requirements
- ▶ Low fuel consumption
- ▶ Large working width for high ground coverage
- ▶ Slotted shoes suspended on extra long springs for enhanced adjustment to the terrain and fertilization in larger populations
- ▶ Low net weight
- ▶ Simple and fast folding of the boom
- ▶ Transport width under 3 m
- ▶ No dripping of liquid manure by pivoting the outlet nozzles
- ▶ Buckling-free folding increases service life
- ▶ No weed infestation caused by root damage
- ▶ Improved feed quality as leaf contamination is avoided
- ▶ Slurry laid out in narrow strips
- ▶ Reduction of the strip spacing by half possible thanks to DUPLO nozzle

DESIGN AND FUNCTION

- ▶ Two ExaCut distributors
- ▶ Integrated cutting unit with integrated foreign object separator
- ▶ Chopping of fiber materials
- ▶ Prevention of clogging by rocks
- ▶ Sliding shoes reach directly between the plants
- ▶ Narrow shelf under the leaves
- ▶ Improved seeping into the top soil thanks to special skids

OPERATION AND CONTROL

- ▶ Standard; Joystick control
- ▶ ISOBUS and Section Control optional

Type	GF 12	GF 15	GF 18	GF 21	GF 24
Working width	12 m	15 m	18 m	21 m	24 m
Number of sliding shoes	48	60	72	84	96
Throughput	up to 12000 l/min	up to 12000 l/min	up to 12000 l/min	up to 12000 l/min	up to 12000 l/min
Outputs	24+24	30+30	36+36	42+42	48+48
Strip spacing	25 cm	25 cm	25 cm	25 cm	25 cm
Folding arm extension	none	from 15 m to 12 m (optional)	from 18 m to 15 m (optional)	from 21 m to 15 m (standard)	from 24 m to 18 m (standard)
Net weight	1200 kg *	1300 kg*	1450 kg*	2300 kg*	2800 kg*

*Note: All external dimensions and weights may vary from the values in the table due to different tyre models and detailed equipment.

ALPEN-GLIDEFIX

UNBEATABLE ON SLOPES



Zunhammer devises matching solutions for all of their customers and knows from practical experience that farmers operating with trailing shoe equipment on slopes often reach their limits. With the release of the Alpen-GlideFix, Zunhammer is now marrying the benefits of trailing shoe equipment with optimum ground adaptation even on slopes.

ADVANTAGES

- ▶ Ideal for trailed slurry tankers
- ▶ Low tractive force requirements
- ▶ Low fuel consumption
- ▶ Max. external width during transport: 2,55 m
- ▶ Slotted shoes suspended on extra long springs for enhanced adjustment to the terrain and fertilization in larger populations
- ▶ Prevention of leaf contamination
- ▶ Higher feed quality
- ▶ Simple, quick folding of the boom
- ▶ No dripping of liquid manure by pivoting the outlet nozzles
- ▶ Buckling-free folding increases service life
- ▶ No weed infestation caused by root damage
- ▶ Excellent distribution quality
- ▶ Slurry deposit in narrow strips
- ▶ Low net weight

DESIGN AND FUNCTION

- ▶ ExaCut unit with cutting mechanism and foreign object separator
- ▶ Chopping of fiber materials
- ▶ Prevention of clogging by rocks
- ▶ Application directly via the sliding feet without wheel relief
- ▶ Cutter pressure of over 6 kg per sliding foot even at a working width of 9 m
- ▶ Narrow storage and better seepage into the topsoil thanks to special skids

OPERATION AND CONTROL

- ▶ Standard: Joystick control
- ▶ ISOBUS and Section Control available at extra cost
- ▶ Automated functions in operation

Type	AGF 9	AGF 10,5	AGF 12
Working width	9 m	10,5 m	12 m
Number of sliding shoes	18 +18	21+21	24+24
Outputs	ECQ 36	ECQ 42	ECQ 48
Strip spacing	25 cm	25 cm	25 cm
Net weight	650 kg *	700 kg*	750 kg*

*Note: All external dimensions and weights may vary from the values in the table due to different tyre models and detailed equipment.

TRAILING HOSE

LARGE SPAN UP TO 36 METRES



DISCOVER ONLINE



The Zunhammer trailing hose provides for ground-level slurry application that is nearly odorless. Applied in strips close to the root of the plants, the slurry optimizes the supply of nutrients at the root and thus the growth of the plant. If requested, we can supply you with a rod system for an extension of the working width of up to 36m!

ADVANTAGES

- ▶ Ground-level and nearly odorless slurry application
- ▶ Wide range of different working widths
- ▶ ExaCut operates without clogging
- ▶ Precise transverse distribution
- ▶ DROP-STOP - guarantees smooth working
- ▶ Extra short hoses
- ▶ Special spiral hoses

DESIGN AND FUNCTION

- ▶ Two swivel arms with 2-3 DROP-STOP ladders depending on the working width
- ▶ Clamping brackets on the DROP-STOP ladders for adjusting their height and width
- ▶ Stable spring-loaded guides for an exact hose distance and optimum adjustment
- ▶ More durable DN 40 hoses
- ▶ Optimized outflow behavior and transverse distribution
- ▶ Transport height below 4 m

TRANSPORT

- ▶ Reliable folding even on slopes thanks to powerful hydraulic cylinders
- ▶ Drip-free transport
- ▶ Drain hoses fold up into transport position above the wheels

OPERATION AND CONTROL

- ▶ Compact hydraulic control mounted away from dirt
- ▶ Innovative control concept with joystick, magic box or ISOBUS

Type	SS 9	SS 12	SS 15	SS18	SS21	SS24	SS27	SS30	SS36
Working width	9 m	12 m	15 m	18 m	21 m	24 m	27 m	30 m	36 m
Slope compensation	optional	optional	optional	optional	optional	series	series	series	series
Distributor heads	2	2	2	2	2	2	2	2	3
Outputs	36	48	60	80	80	96	96	96	120
Strip spacing	25 cm	25 cm	25 cm	22,5 cm	26,3 cm	25 cm	28,1 cm	31,2 cm	30 cm
Folding arm extension	none	none	15 m to 12 m (option)	18 m to 15 m (option)	21 m to 18 m (option)	24 m to 18 m (option)	27 m to 18 m (option)	30 m to 22 m (option)	36 m to 21 m (option)
Net weight	760 kg *	1050 kg*	1210 kg*	1380 kg*	1800 kg*	2100 kg*	2700 kg*	3000 kg*	4300 kg*
Distributor head position	Top	Bottom	Bottom	Top	Top	Top	Top	Top	Top

*Note: All external dimensions and weights may vary from the values in the table due to different tyre models and detailed equipment.



ADVANTAGES

- ▶ Patented cast steel sliding foot with optimized shape
- ▶ Exceptional stability
- ▶ Great resistance to wear
- ▶ Highly resistant to clogs
- ▶ Elastic slim nozzle
- ▶ Extra narrow deposit
- ▶ Short hose without intermediate piece
- ▶ Elastic spring
- ▶ Quick and easy replacement of the blade
- ▶ Good ground slitting
- ▶ Combs perfectly through the plant population
- ▶ Sideways sliding springs



THE GLIDEFIX TRAILING SHOE

EFFICIENT. BETTER. LIGHTER.

To the farmer, the best distributor is of no significance without optimized trailing shoes or nozzles. Depending on the ground conditions and area of application, Zunhammer customers can choose between the GlideFix trailing shoe or the DUPLO nozzle. Both shoes slit the ground slightly and deposit the slurry directly on the ground below the leaf. The nozzles comb the leaves to the side and deposit them in narrow strips on the ground.





DISCOVER ONLINE

ADVANTAGES

- ▶ Halving of the strip spacing to 12.5 cm
- ▶ Reduction of the distribution quantity to half the quantity per nozzle
- ▶ No streak formation
- ▶ Improved feed quality as leaf contamination is avoided
- ▶ Without clogging
- ▶ Optimal nutrient distribution
- ▶ Consistently green grass
- ▶ No odour
- ▶ Suitable for grassland and agricultural crop land
- ▶ Low wear thanks to practice-oriented design
- ▶ High stability



GlideFix 25 cm VS. DUPLO 12,5 cm

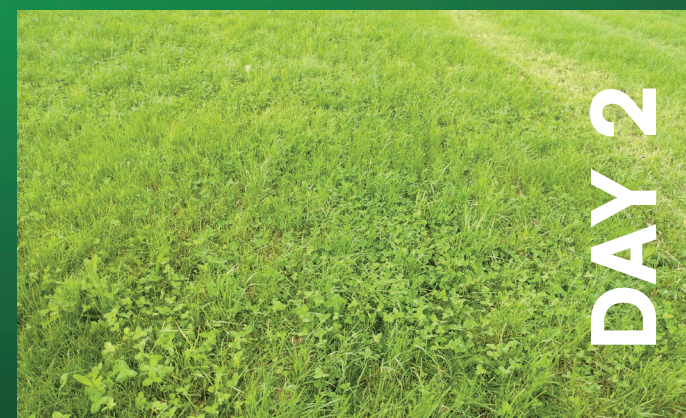
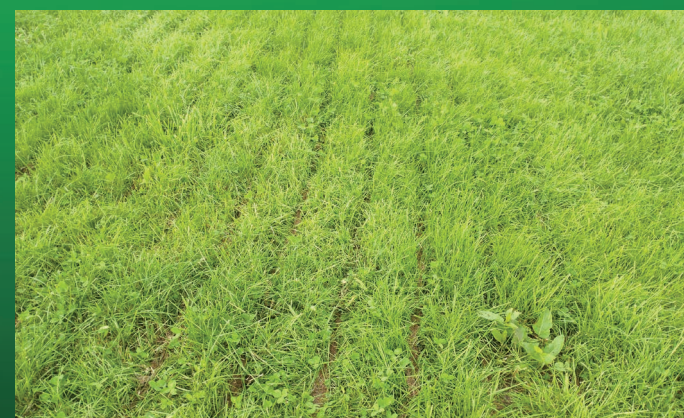
THE DUPLO NOZZLE

PRECISE. BETTER. LIGHTER.

The DUPLO nozzle halves the strip spacing from the original 25 cm to 12.5 cm. This allows the slurry to reach the roots of the plants even more precisely and effectively. This nozzle deposits nutrients directly where they are needed. This prevents feed contamination and ensures an evenly green surface. The unique shape of the DUPLO nozzle prevents clogging, even with thick slurry.



DAY 1



DAY 2



DISCOVER ONLINE

ADVANTAGES

- ▶ Reduction of emissions
- ▶ No fertiliser losses
- ▶ Low tractive power required
- ▶ Saves fuel and reduces costs
- ▶ Long lifespan
- ▶ Corrosion resistant thanks to powder coating
- ▶ Maintenance-free, grease-filled bearings
- ▶ Exact lateral distribution
- ▶ Surface of the field remains dry
- ▶ Clean cage drum roller, even on wet soil
- ▶ No smudging, clogging or sticking
- ▶ Optimized hollow disk arrangement
- ▶ Vibration-resistant mounting of hollow disks
- ▶ discharge nozzles on the spring-mounted shaft
- ▶ Straight hoses with no pinching or kinking
- ▶ Cage drum roller with hydraulic height adjustment
- ▶ Maximum transport width of 2.90 m
- ▶ Orderly hydraulic lines in park position
- ▶ Exact distribution of liquid manure in each hose
- ▶ LV50 hole type spreader
- ▶ Platform for easy access to spreader

DESIGN AND FUNCTION

- ▶ The first disk cuts into and lifts the soil
- ▶ Injection of the agricultural manure immediately after the first disk
- ▶ Optimal incorporation of the liquid manure in the topsoil by the disks
- ▶ Working depth can be adjusted hydraulically by the following cage drum roller
- ▶ Individual suspension of all rubber cushioned elements - avoid larger obstacles
- ▶ Hole-type spreader for exact lateral spreading
- ▶ Cutaway disks for correct rotation in difficult soil
- ▶ Spring-mounted shaft made of high-strength steel
- ▶ In harsh weather conditions: Replace the cage drum roller with inducers

Clean and direct incorporation of liquid manure? No problem with KUSGU and KUSGU Trail! The liquid manure is spread using a disk harrow and immediately worked into the soil. The surface of the soil remains dry, so the cage drum roller does not become clogged. With Zunhammer slurry disc harrows, nothing stands in the way of perfect seedbed preparation.

KUSGU & KUSGU TRAIL

POWER. PERFORMANCE. PRECISION.





OPERATION AND CONTROL

- ▶ Standard: Joystick control
- ▶ ISOBUS and Section Control connectivity available
- ▶ Optimised hollow disc arrangement



HOLE DISTRIBUTOR

- ▶ Easy to maintain
- ▶ Maximum dispensing accuracy
- ▶ Reliable shredding and homogenisation of slurry thanks to an optimised blade profile
- ▶ Number of outlets 12-26 in DN50
- ▶ Even for very high output rates at high working speeds



INTELLIGENT FRAME CONSTRUCTION

- ▶ Developed by means of FEM calculation
- ▶ Compact, lightweight and yet extremely sturdy construction
- ▶ Center of gravity near vehicle prevents negative tongue loads
- ▶ Corrosion-resistant powder coating

Type	KUSGU	KUSGU	KUSGU	KUSGU	KUSGU	KUSGU Trail	KUSGU Trail
Working width	3 m	4 m	5 m	6 m	6,5 m	6 m	6,5 m
Speed	7-18 km/h	7-18 km/h	7-18 km/h	7-18 km/h	7-18 km/h	7-18 km/h	7-18 km/h
Cage roller	continuous hyd. adjustment	continuous hyd. adjustment	continuous hyd. adjustment	continuous hyd. adjustment	continuous hyd. adjustment	continuous hyd. adjustment	continuous hyd. adjustment
Distributor	Vogelsang LVX DN 50	Vogelsang LVX DN 50	Vogelsang LVX DN 50	Vogelsang LVX DN 50	Vogelsang LVX DN 50	Vogelsang LVX DN 50	Vogelsang LVX DN 50
Width, retracted	2,90 m	2,96 m	2,90 m	2,98 m	2,98 m	2,98 m	2,98 m
Width, extended	3,00 m	4,45 m	5,85 m	6,70 m	7,08 m	6,35 m	7,00 m
Height, retracted	2,20 m	2,40 m	2,90 m	3,40 m	3,60 m	3,40 m	3,60 m
Height, extended	2,20 m	2,23 m	2,20 m	2,40 m	2,20 m	2,20 m	2,20 m
Net weight	1880 kg *	2900 kg*	3200 kg*	3900 kg*	4500 kg*	5140 kg*	5500 kg*

*Note: All external dimensions and weights may vary from the values in the table due to different tyre models and detailed equipment.



DISCOVER ONLINE



ZUNI-DRILL

MAXIMUM COVERAGE WITH
MINIMAL PULLING FORCE

On request, Zunhammer can also supply you with other equipment for slurry application. Such as the ZUNI-Drill.

FEATURES

- ▶ Working widths: 4.5 m, 6 m or 8.3 m
- ▶ Serrated hollow disc, 460 mm
- ▶ Can be used with or without a harrow
- ▶ Working speed: 12 - 22 km/h
- ▶ Working depth: approx. 8 cm

ADVANTAGES

- ▶ Low empty weight
- ▶ Low pulling force required
- ▶ Centre of gravity close to the coupling point
- ▶ DN 50 discharge hoses
- ▶ High productivity in spring



VIBRO-GRUBBER

POWER IN SLURRY APPLICATION

FEATURES

- ▶ Working widths: 3 m, 4.5 m or 6 m
- ▶ Spring tines with double-heart coulters
- ▶ Can be used with or without a harrow
- ▶ Working speed: 6—10 km/h
- ▶ Working depth: approx. 10 cm

ADVANTAGES

- ▶ Low empty weight
- ▶ Centre of gravity close to the coupling point
- ▶ Outlet hoses DN 50



DISCOVER ONLINE





SUCTION ARM

SUCTION POWER IN VARIOUS VERSIONS

GUNY SWING

- ▶ Rotates 270° about the vertical axis
- ▶ Installation of a ball for docking with the feeder

ADVANTAGES

- ▶ A convenient solution for transfer from the feeder
- ▶ Easy to operate from the tractor
- ▶ Maintenance-free use
- ▶ Used primarily on feeders



HANDY

- ▶ HANDY drawbar suction Arm
- ▶ 6-inch, 8-inch and 10-inch versions
- ▶ Cylinder for raising and lowering
- ▶ Can be lowered to 90°
- ▶ Optional: Telescopic arm

ADVANTAGES

- ▶ Economical solution for convenient suction
- ▶ Operated from the tractor
- ▶ Simplifies work processes
- ▶ Lightweight
- ▶ Short suction paths
- ▶ Maintenance-free operation
- ▶ Also available as a retrofit for pump and vacuum tankers and third-party models

DINO

- ▶ Connection between the 8-inch section pipes via two articulated joints
- ▶ The articulated joints operated by hydraulic cylinders
- ▶ Lower pivot point: swivel drive for hydraulic height adjustment and swivelling up to 270° about the vertical axis
- ▶ Rigid suction hose fitted to the boom pipe as standard

ADVANTAGES

- ▶ Simple and compact Design
- ▶ High filling rates despite a long suction path



GUNY

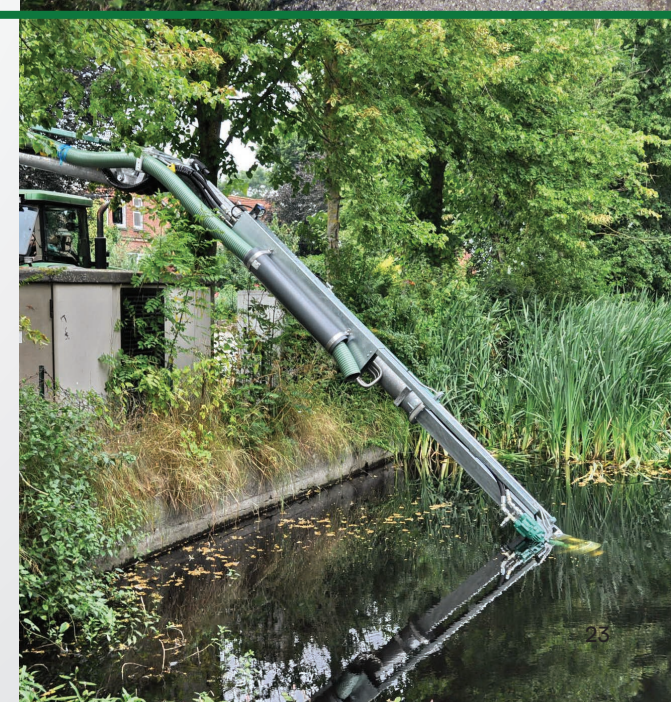
- ▶ Front drawbar suction arm
- ▶ 6-inch, 8-inch and 10-inch versions
- ▶ Cylinder for raising and lowering
- ▶ Can be lowered by up to 90°
- ▶ Optional: Telescopic arm

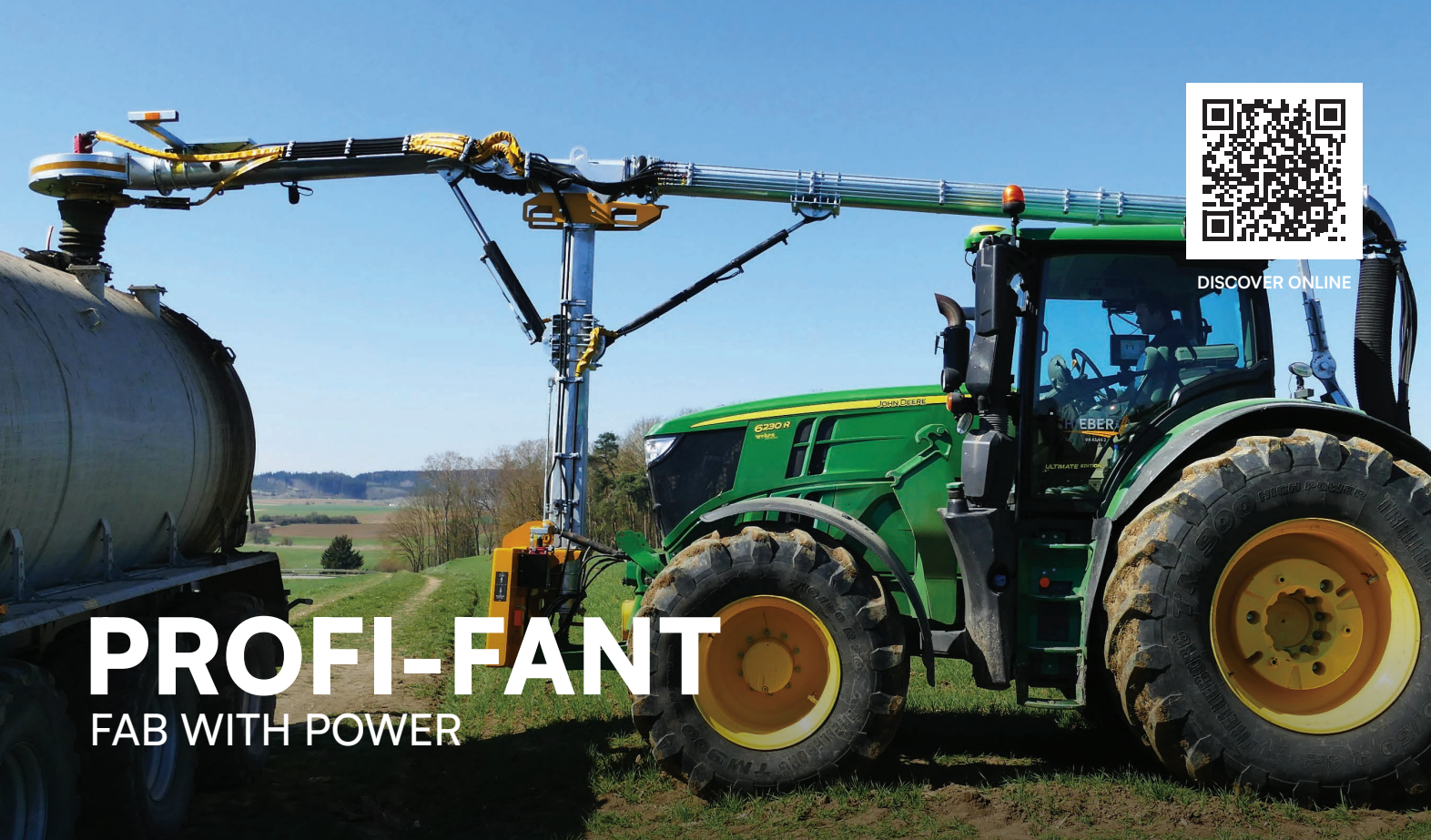
ADVANTAGES

- ▶ Simple and compact design
- ▶ Suction depth and height of 3 metres
- ▶ Variable, location-independent use
- ▶ Can handle thick liquids with ease

TORNADO

- ▶ Similar to the DINO suction arm
- ▶ 8-inch suction arm
- ▶ Tornado centrifugal pump at the upper end of the suction arm
- ▶ Series: Telescopic boom to increase the reach by 1.5 m
- ▶ Direct filling of the tanker





PROFI-FANT

FAB WITH POWER

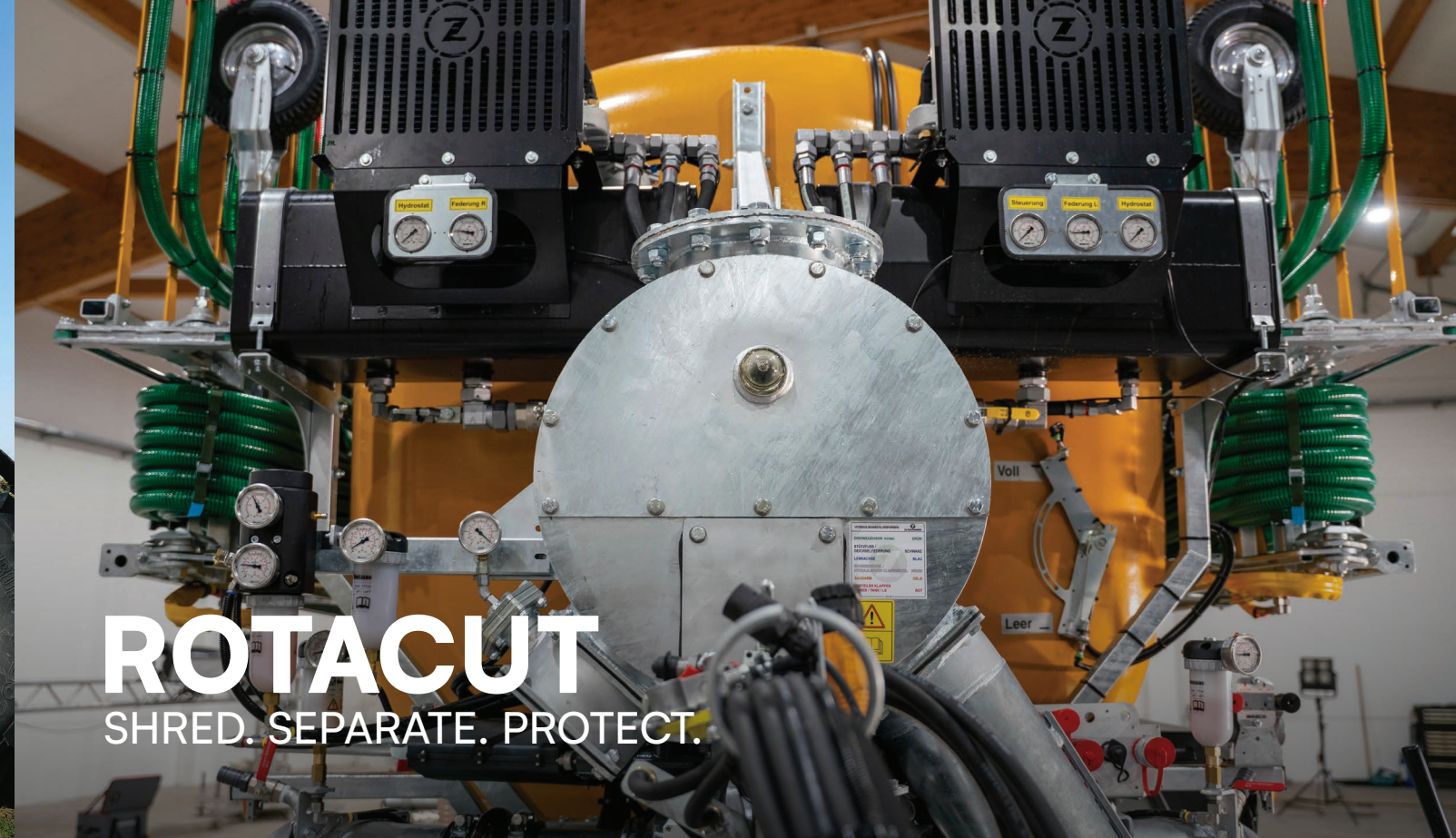


DISCOVER ONLINE

Flexibility and versatility are certainly among the key strengths of this south bavarian family-run business. With its range of suction systems, Zunhammer offers the perfect solution for every farm.

ADVANTAGES

- ▶ Large nominal diameters
- ▶ Smooth, flow-optimised slurry flow
- ▶ Variable docking heights for the front suction system from 2.00 m to 4.50 m
- ▶ Filling possible across ditches and fences, even with very wide spreaders
- ▶ Connection to the front and rear hydraulics of the tractor
- ▶ Smarter, more aerodynamic slurry flow thanks to rubber joints
- ▶ Pipe routing over the tractor's cab roof
- ▶ Reduced friction and effective energy savings thanks to an optimised flow direction
- ▶ Easy to set up and take down thanks to the hand pump at the front
- ▶ Additional hydraulic cylinder between the docking point and the pipe
- ▶ Set-up and dismantling time: approx. 5 minutes each on the tractor
- ▶ Also available with integrated TOP-CUT!



STONE TRAP / ROTACUT 5000

- ▶ Installed in the 6 inch stone trap

Compact unit for medium flow rates, ideal for standard pumps

STONE TRAP / ROTACUT 10000

- ▶ Installed in the 8 inch stone trap

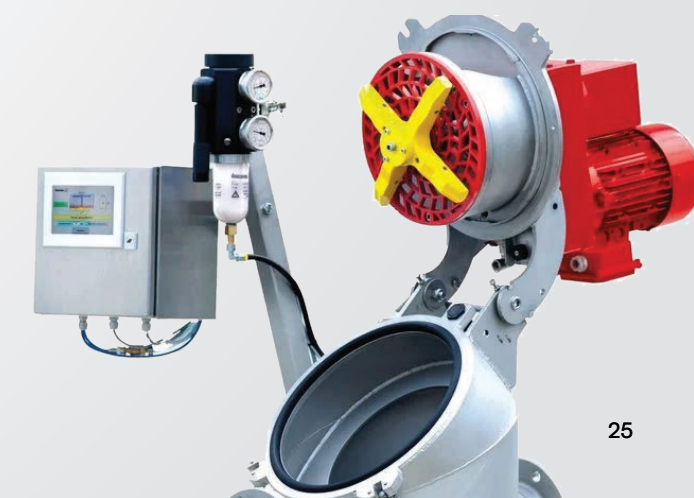
High throughput, powerful grinding performance with tough materials



STONE TRAP / ROTACUT 12000

- ▶ Installed in the 10 inch stone trap or in the PKE series suction unit

Highest performance class, for high flow rates and centralised systems





ECL & ECQ

EXACUT POWERD BY VOGELSANG

FLUSTO

FAST AND RELIABLE



EXACUT ECL

- ▶ Precise distribution
- ▶ Self-sharpening knives
- ▶ Excellent lateral distribution
- ▶ Very smooth running
- ▶ Heavy-material separator
- ▶ Word's best-selling distributor

EXACUT ECQ

- ▶ Quick and easy maintenance
- ▶ Longer service life, lower oil consumption
- ▶ Maximum distribution accuracy through flow optimization
- ▶ Large cross-sections for lower pressure loss
- ▶ Resistant to dry running
- ▶ Excellent lateral distribution

FEATURES

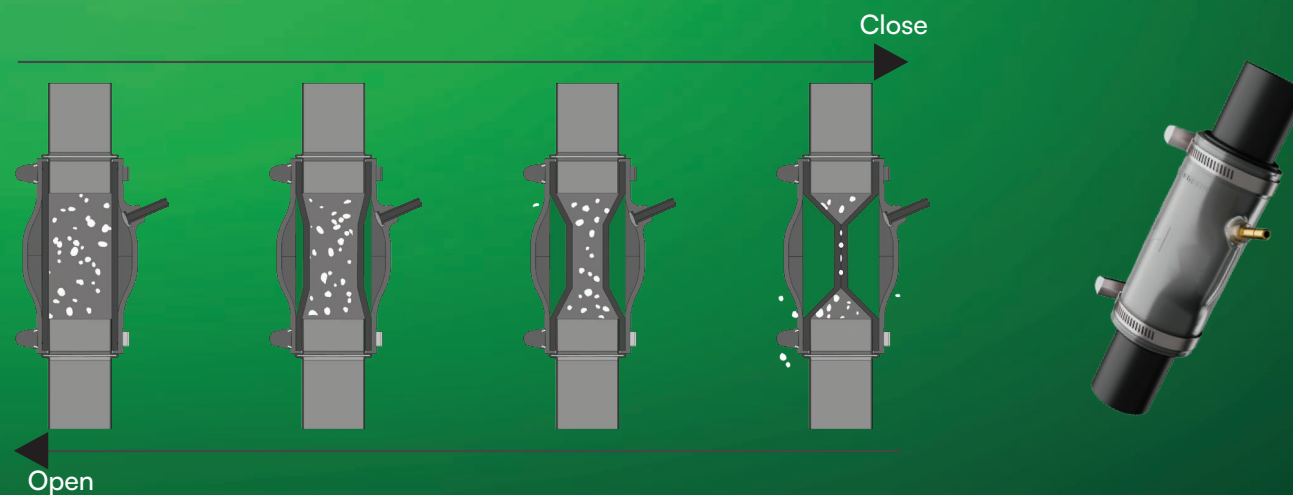
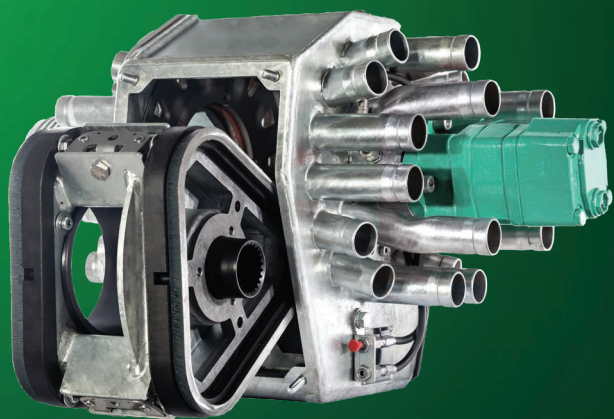
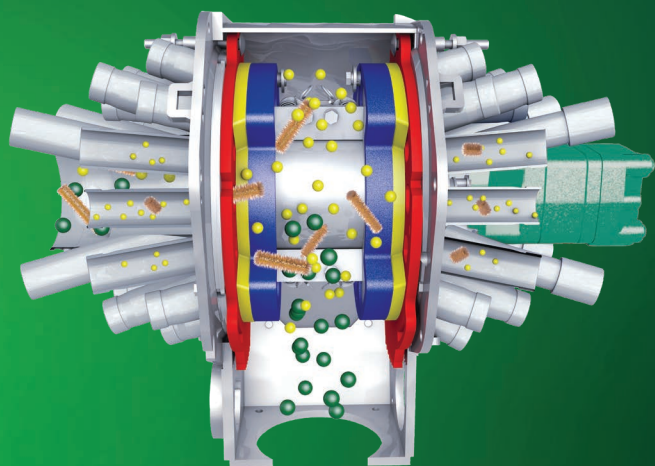
- ▶ Full flow when open
- ▶ Reliable operation with low air pressure
- ▶ Fast switching cycles due to low air consumption
- ▶ High return forces thanks to an inner hose with fabric reinforcement
- ▶ Reliable control of the large supply hose
- ▶ Reliable shutoff of individual hoses for section control
- ▶ Fully automatic closure via GPS signals
- ▶ Manual closure at the push of a button

STRUCTURE

- ▶ Flexible outer casing with bulges
- ▶ Inner tube with fabric reinforcement

ADVANTAGES

- ▶ Requires an air pressure of only 1.5—2 bar—50% reduction in air consumption compared to other models available on the market
- ▶ Enough space to allow the slurry hose to fold when the valve is closed
- ▶ 75 g—lightweight yet very sturdy construction
- ▶ Short and narrow valve
- ▶ Good fit thanks to elastic
- ▶ Straight passage, NW 40 mm
- ▶ High spring force for rapid return to original shape
- ▶ Separation of manure and air
- ▶ Trouble-free isolation of foreign objects
- ▶ 20 years of experience with FluidStop valves
- ▶ Easy to install, even as a retrofit



MY DATA PLANT — Site-specific fertilisation

Apply fertiliser in a targeted and precise manner!
Especially in times of increasingly stringent environmental regulations, MyDataPlant supports you in using fertiliser more efficiently and sustainably. With MyDataPlant application maps and Zunhammer technology, application rates can be adjusted more precisely than ever according to the nutrient require-

ments of individual plants. By continuously determining the exact nutrient content of slurry using Zunhammer VanControl Dual, needs-based fertiliser planning can achieve more homogeneous crops and reduce costs, while yields remain stable.

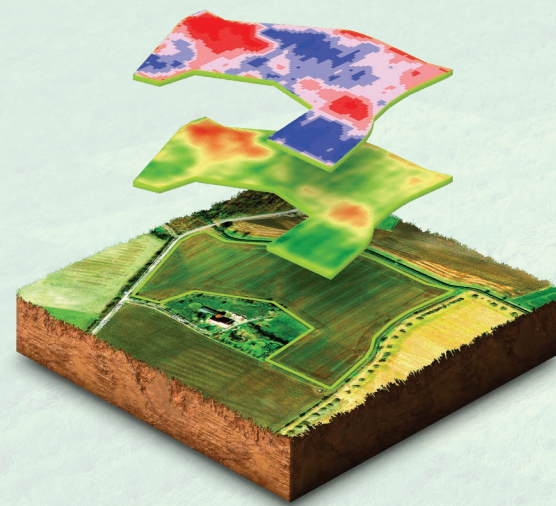
ADVANTAGES OF SITE-SPECIFIC SLURRY FERTILISATION

- ▶ Different crops require different amounts of fertiliser
- ▶ Each zone can be supplied according to its needs
- ▶ The crops develop homogeneous
- ▶ Simultaneous ripening of crops
- ▶ Targeted fertilisation of weaker zones is possible
- ▶ Slurry as a multi-nutrient fertiliser is particularly profitable for site-specific fertilisation



APPLICATION MAPS

With MyDataPlant, creating application maps for sowing, fertilisation, plant protection and soil sampling is child's play. The application maps are created based on biomass data from your field. You can choose between the long-term yield potential of the area and daily updated biomass images as a basis. Any external data layers can also be used as a basis.



MyDataPlant PORTAL

Create your individual maps for site-specific management in the portal with just one click and in a matter of minutes. Book your fields and modules exactly as needed and then benefit from 365 days of unlimited application map user experience.





DISCOVER ONLINE

THREE-POINT PUMPING STATION

In addition to distribution systems and slurry tanks, Zunhammer offers a wide range of accessories. Various pump and docking stations round out the extensive product line.

ADVANTAGES

- ▶ Extended mast
- ▶ 60 PS and up
- ▶ Hydraulic stabilizers
- ▶ Quick-Connect Coupler
- ▶ Reversal of Rotation Direction
- ▶ For feeders, transfer stations, and more



DISCOVER ONLINE

PUSTA PUMPING STATION



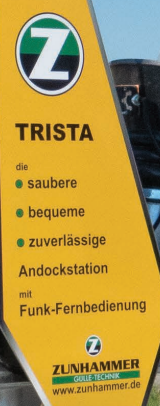
ADVANTAGES

- ▶ Suction of the slurry through a suction line and treatment in a cyclone separator
- ▶ Shredding of the solid components using a RotaCut

TYPE	PUSTA with Motor	PUSTA drawn
Drive	Diesel engine, approx. 55 kW	Tractor drive shaft
Overfill Height	up to 4,30 m	up to 4,30 m
Pump Flow Rate	6500 l/min	6500 l/min
RotaCut	10000 l	10000 l
Suction line	NW200 or 2x NW150	NW200 or 2x NW150
Max. Speed	up to 60 km/h	up to 60 km/h



DISCOVER ONLINE



TRISTA

FUNNEL STATION

ADVANTAGES

- ▶ Suitable for elevated tanks
- ▶ Multiple-secured radio link
- ▶ Transport using the tractor's front hydraulic system
- ▶ Works perfectly with the HANDY suction arm
- ▶ Convenient docking from the tractor seat
- ▶ Clean, comfortable, and hygienic working conditions
- ▶ Wireless control of the 8-inch three-way valve

Suction line	NW200 or 2xNW150
three-way valve	8 inches
Power Supply	220 volts (alternatively: battery)
Remote Control	yes
Docking	Tool triangle

ADVANTAGES

- ▶ Suitable for underground silos, slurry pits, and lagoons
- ▶ Convenient docking from the tractor seat
- ▶ Hygienically clean docking process

TRIPOD

FUNNEL



DISCOVER ONLINE

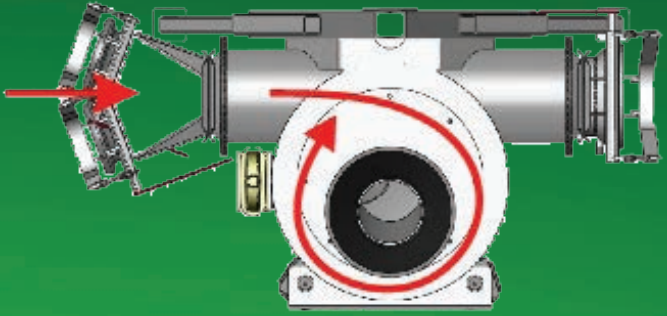
ZASTA

DOCKING STATION

ADVANTAGES

- ▶ Convenient suction with a cyclone separator and flexible funnel
- ▶ No need for a stone trap on the barrel: Reduction in barrel weight by approximately 600—800 kg
- ▶ Integrated check valve to accelerate the intake process
- ▶ Fuel savings and increased payload by reducing the slurry tanker's empty weight through the use of external stations
- ▶ Connections on both sides are possible in sizes NW 150 or NW 200 for maximum suction power

Suction line	NW200 or 2xNW150
Docking station	NW150 or NW200
Power Supply	Optional for 220V elevated tanks
Remote Control	optional
Docking	Tool triangle





DISCOVER ONLINE

DOCKING FUNNEL

ALWAYS A PERFECT FIT!

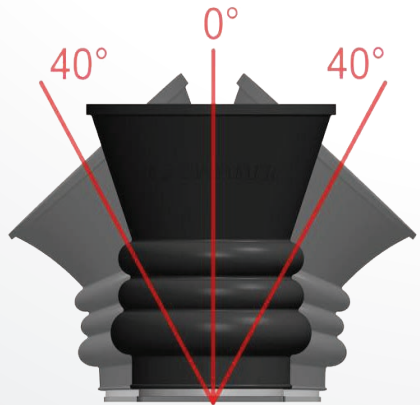
FEATURES

- ▶ Installation on transporters, hopper stations or field-edge containers
- ▶ Nominal diameters from 159 to 300 mm for fast filling times
- ▶ Clean overfilling even in hilly terrain, large angular deviation
- ▶ Airtight even in extreme situations



TYPE	NW 159	NW 200	NW 250	NW 300
Nominal Diameter	6 inch	8 inch	10 inch	12 inch
Connection (mm)	159	220	273	540
Height (mm)	325	385	390	540
Weight (kg)	2,71	4,65	6,8	14,3

- ▶ Prevents foaming
- ▶ No wearing parts
- ▶ Extremely flexible all round
- ▶ Durable and long-lasting
- ▶ Additional elasticity thanks to patented design



RUBBER PARTS

LITTLE HELPERS AT THE BARREL

Zunhammer's well-proven rubber components are specifically designed for liquid manure.

ADVANTAGES

- ▶ Ammonia-resistant
- ▶ UV-resistant
- ▶ Durable
- ▶ Extremely flexible
- ▶ Maintenance-free



TYPE	NW 159	NW 200	NW 250	NW 159 long	NW 200 long	NW 250 long
Nominal Diameter	6 inch	8 inch	10 inch	6 inch	8 inch	10 inch
Connection (mm)	152	220	273	159	220	273
Height (mm)	135	150	210	380	470	365
Weight (kg)	1,2	1,6	3,0	2,6	5,8	6,8
Bend angle				60 degrees	60 degrees	30 degrees



DISCOVER ONLINE



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