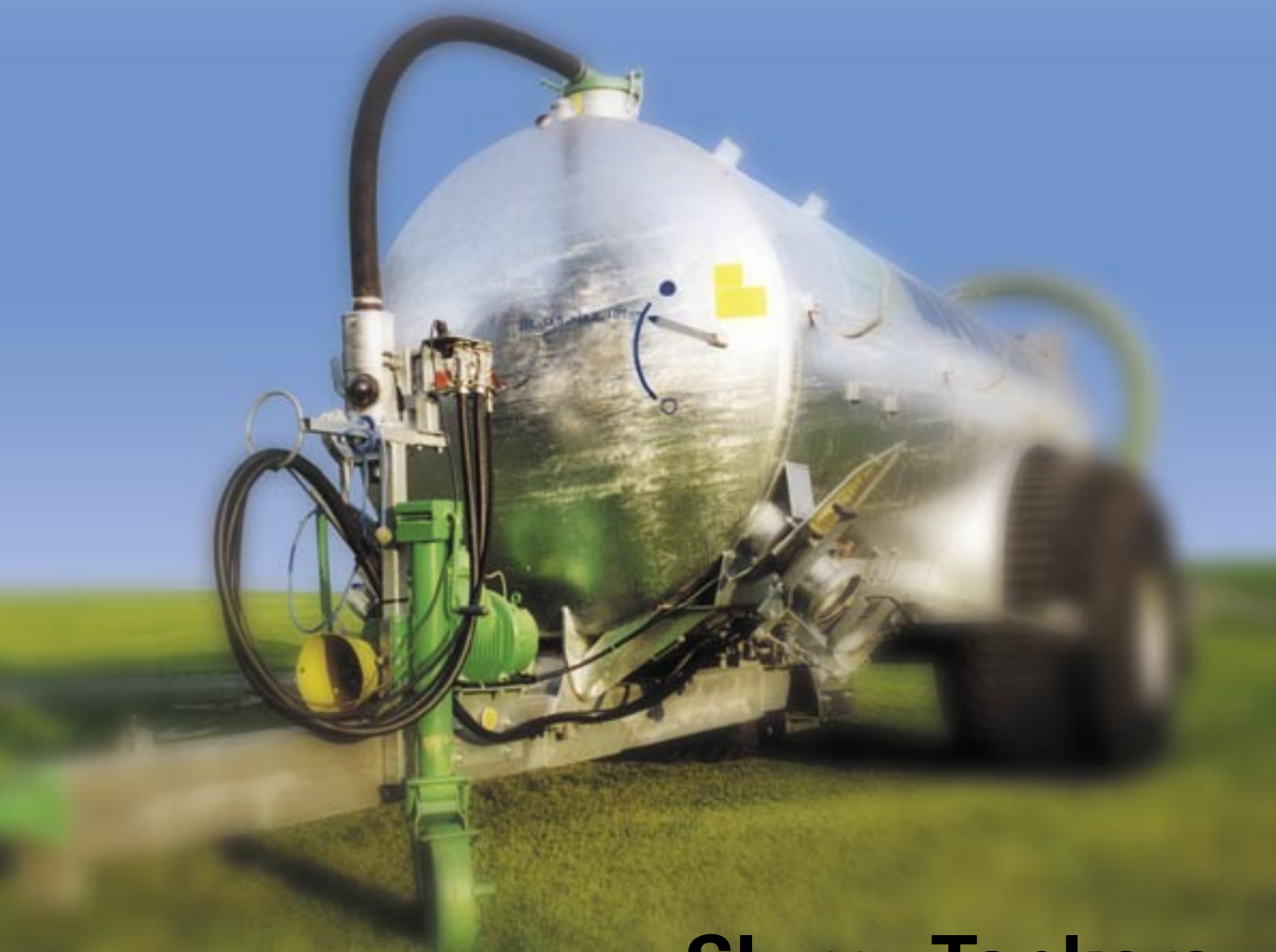




BAUER

FOR A GREEN WORLD



Slurry Tankers

Long Service Life – High Value Stability

Vacuum Tankers from 1,700 to 16,000 liters

BAUER slurry tankers offer you a long service life and high value stability

Our broad product range facilitates the right selection for all specific application areas.



V100TL vacuum tanker with 10,100 liters content, steerable, spring-loaded tandem aggregate in low design, 40 km/h typification, feces plates with integrated deposition units in 40 km/h design, underrun protection, compressed air braking system with ALB control via filling level indicator and turbo filler.

Standard delivery scope of vacuum tankers

- Self-supporting hot-galvanized steel tank, swivel-out tanker base with tankers up to 4,500 l, Ø 750 mm manhole door with tankers from 5,400 l or with wheel box
- Universal add-on unit for distribution systems with tankers from 6,200 l. Filling level indicator, manual vacuum meter, hose stacking brackets on both sides
- Suction connection with rear-mounted ventilating cock and quick coupler, right and left front-mounted blind flange. Hydraulic spreader gate with gas spring cylinder (1x SA).
- Dome-internal overflow protection with spring-loaded dome cover as pressure relief valve, compressor with automatic lubrication for 540 min⁻¹, original BAUER siphon.
- Unsprung single axle, spring loaded tandem axle – steerable with tankers from 10,100 l (1 x DA), standard top trailing fixation with support wheel, with tankers from 10,100 l with support foot.
- Automatic lever brake as service and parking brake with tankers up to 8,200 l. Dual-line compressed air brake with tankers from 10,100 l, 4-wheel brake with tandem tankers from 8,200 l.
- Accessories: BAUER rear spreader, suction line and joint shaft.

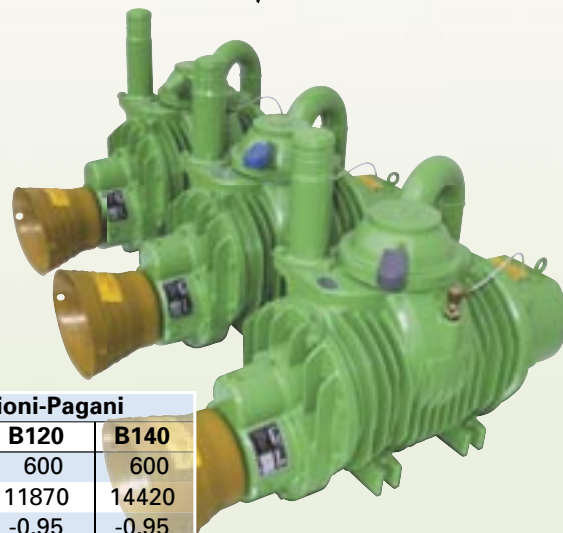


BAUER

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Original BAUER B33-B83 compressors – the heart of the BAUER slurry tankers

High-performing, quiet, oil-sparing, environmentally-compatible, also operable with bio oil, durable and unbreakable



Manufacturer		BAUER			Battioni-Pagani		
Model		B 33	B 63	B 83	B100	B120	B140
Max. drive speed	1/min	540	540	540	600	600	600
Theoretical air capacity	l/min	5300	7100	8200	10680	11870	14420
Max. vacuum	bar	-0.86	-0.90	-0.95	-0.95	-0.95	-0.95
Max. operating overpress.	bar	1.00	1.00	1.00	1.00	1.00	1.00
Automatic speed-dependent lamella lubrication for all compressors							
Weight	kg	95	146	146	204	228	263

Safety for compressor and tanker

The spring-loaded dome cover prevents the upbuild of excessive pressure within the tank. Ball valves within the dome and the siphon offer double safety against the intrusion of slurry into the compressor.



Dome valve



Oil separator siphon with ball valve



Self-emptying 30 l siphon

Thanks to its large volumetric capacity, the self-emptying 30 l siphon can absorb the exuberant slurry and press it back into the tank.

The tractive vehicle must no longer be descended



Hydraulic compressor circuit or operable via the tractor with cable pull changeover



6" or 8" suction automatism with height-adjustable hopper



6" or 8" suction booms for suction from slurry pits and high-level tanks

Electromagnetic control unit with spray-water protected operating panel.

Accessories

5", 6" or 8" suction connection with quick coupler and ventilating cock – standard for all tankers

Standard spreader



Cupola spreader



Plate spreader



For cattle slurry with a large straw share, the spreaders fixed to the suction connection and the distribution connection can be designed as cupola spreaders. Thanks to its guaranteed water tightness, the triple sealed plate spreader is especially suited for applications involving water and thinly-liquid sullage.

Agitation facilities

Mechanical agitator with oil drive



For slurry with very strong sink layers. A consistent shaft with offset agitation blades keeps the entire tank contents in continuous motion. The motive power is realized by a maintenance-free hydraulic drive with a sturdy and acid-insensitive cast casing.

Pneumatic agitation facility



For strongly gas-forming cattle slurry and increased suction heights. The hydraulically driven turbo filler supports the compressor and ensures a complete tanker filling.

Turbo filler



Automatically agitates all types of liquids and slurries. Tankers with B33 to B83 compressors are equipped with one agitation pipe, tankers with B100 to B140 compressors are equipped with two agitation pipes within the tanker body.



BAUER

FOR A GREEN WORLD

Special equipment

Hydraulically adjustable drawbar
for distribution during downhill operations.



Hydraulically adjustable central drawbar



Design: Top trailing fixation or central drawbar, with and without nitrogen gas spring cylinders as damping elements. The hydraulic cylinder which is prestressed with gas pressure damps hard percussions and vibrations of the tanker (e.g. brake percussions, roadway unevennesses and similar percussions).

Hydraulic drawbar support



adjustable, with gas pressure damping

Stationary pressure tanks

Customer-specific design, for disposal tasks in production and mounting halls, with hydraulically or electrically driven BAUER compressors.

2,100 l pressure tank, transportable with forklift truck, with B33 compressor, elastic coupling and electric motor drive with overload protection.



Combi Tankers

All advantages of vacuum and pump tankers united in a single combi tanker

The ideal tanker for hilly and even grounds. On even surfaces, the slurry is distributed by means of a rear spreader as with the vacuum tankers, on hilly surfaces or on sur-

faces that inhibit access to the field grounds, the slurry is distributed by means of a high-pressure pump and a slurry distributor as with the pump tankers.



Standard equipment

- Complete equipment as with vacuum tankers
- Original BAUER gear aggregate with compressor and high-pressure rotary pump
- Also applicable as pumping station, with cleaning and suction cutout within the pump's suction line.
- Horizontally and vertically adjustable hydraulic slurry distributor
- Upon request, with additional lockable pressure outlet downstream of the pump



Optional combi tanker with central drawbar for bottom or hitch trailing fixation

BAUER F3RDK/B33K combi aggregate

Consisting of a BAUER B33 (optionally B63) compressor and a BAUER F3RDK high-pressure rotary pump, pto-driven, drive speed 540 min^{-1}



BAUER M540K/B63K combi aggregate

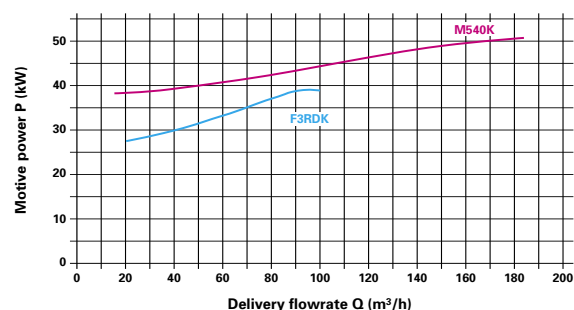
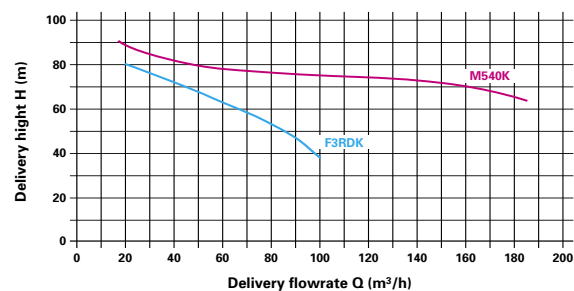
Consisting of a BAUER B63 (optionally B33) compressor and a BAUER M540K high-pressure rotary pump with cutting unit for slurry with a large solid matter share, pto-driven, drive speed 540 min^{-1}



Optional switching possibilities

Compressor, compressor and pump, pump

Combi drive characteristic curves





BAUER

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Original BAUER slurry distributors with an optimal horizontal and vertical swivel range (2xDA)



Couplable nozzle for cleaning

Slurry distributor for distribution on slope and hillside grounds from outside the field and for the irrigation of embankments and public parks of the municipal sector.



Quadruple manual control valve block

Cross lever for the slurry distributor's horizontal and vertical adjustment as well as 2 individual levers for further functions.



High-pressure combi add-on tanker 1,700 l – 3,000 l

Adjusted to the carrier vehicle.

Slurry distribution on impassable surfaces via rear distribution nozzle and slurry distributor.



Electrical slurry distributor, horizontally and vertically adjustable

If the tractive unit lacks hydraulic capacity, the slurry distributor can also be electrically operated via the joystick.

Combi tankers for municipal applications

Adjusted to the respective application areas.

BAUER gear aggregate with B33 compressor and FVI 1000 high-pressure pump, max. pressure 13 bar.

Hydrant filling connection with storz coupling and automatic venting, lockable tool box with integrated feces plates, road tyres, oil separator.

Application: Canal cleaning in narrow alleys and obstructed areas, for road cleaning, for the irrigation of flowerbeds and public parks.



Pump tankers with excentric spiral pump – high-performing units



P140TLU pump tanker 14,200 l with steerable, spring-loaded tandem aggregate, Profil Flot Pro 800/45R26.5 radial tyres, suction automatism, bottom trailing fixation drawbar with Scharmüller trailer ball trailing fixation, wheel boxes, deposition units, 40 km/h design, hot-galvanized tank with additional special varnishing.

Standard equipment

- Complete equipment as with vacuum tankers
- Self-supporting hot-galvanized steel tank, large dome with overflow bend and hose, ladder, rear quick cleaning cutout with tankers up to 7,000 l, Ø 750 mm manhole door with tankers from 8,200 l
- Self-priming eccentric spiral pump (540 min⁻¹) with integrated 3-directional cock for suction from the tanker or via the suction line, hydraulic 3-directional rear cock for tanker filling, agitation and distribution, (1xDA) left-side front suction connection with venting cock and quick coupler
- Availability of 5 eccentric spiral pump types with a delivery rate from 1500 l/min to 5000 l/min

Pump tanker spreader

Side spreader with nozzle pipe, slurry distributor, rear spread nozzle with reduced diameter, tanker-mounted hose applicator, slurry injector, etc.

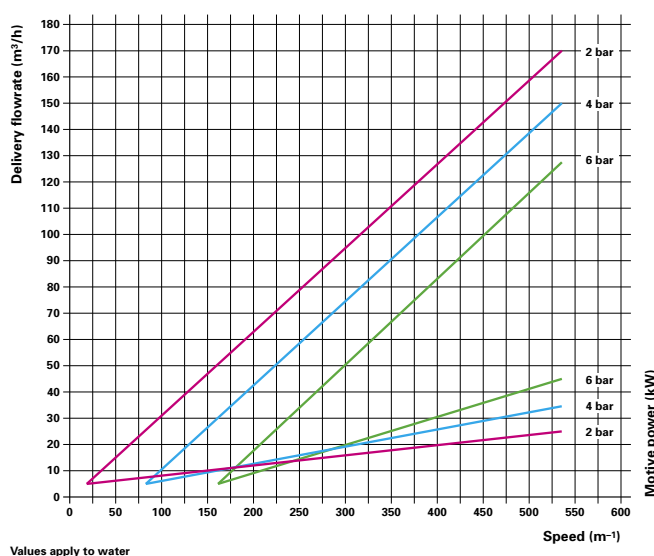


Side spreader with nozzle pipe and rubber nozzle for large spreading distances.

Rota 110-A



Performance chart Rota 110-A





BAUER

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The right chassis for all applications



Spring-loaded single axle
Required from 40 km/h by Austrian law.



Cranked axle
Ensures a low focal point despite a large tyre diameter. Crankings between 80 and 250 mm are possible.



Tandem-boogie axle
Steerable, spring-loaded, hydraulically lockable steering axle, double releasable check valve, rubber buffer as end stop for the oscillation path, 4-wheel brake, compressed air or hydraulic brake cylinder.



Automatic, load-dependent brake force control via filling level indicators
The brake pressure of the compressed air braking system is automatically adjusted to the tank contents. In Austria, ALB-control is required by law from 40 km/h.

Braking systems for a high degree of safety



Compressed air braking system
Calculated and designed in accordance with TÜV specifications (technical inspectorate).



Hydraulic braking system
One brake cylinder per brake lever.



Changeover lever brake
Suitable as service brake for 25-km/h typification for agriculture and forestry applications in Austria.



Combined braking system
Compressed air and hydraulic brake – ideal for tanker combinations with varying service brakes within the tractive units.

The safety package automatically brakes the trailer when:

- the ignition is disconnected.
- the tractor is stalled or the trailer is uncoupled from the tractor (breakaway protection).



Safety package
For hydraulic brake with 25-km/h typification in Austria (can also be mounted on other trailers with just a few manual operations). Trailer brake valve and pedal operation required for the tractive vehicle.



Control valve
For hydraulic brake, load adjustment with 3 positions (empty, half-full, full), SA-connection required.



Pressure limitation valve
For hydraulic brake, with handwheel adjustment, incl. return line, DA-connection required.

Pump Tanker from 10,500 up to 18,500 liters

Pump tankers with plastic tank – higher capacity – lower weight



Pump tanker Poly 125TL, tank volume 12,500 liters, steerable tandem axle, low pressure tyres 28L 26, eccentric spiral pump with stone sink, suction hose 6" on the right side and quick coupling 6" on the left side, distribution system: double nozzle boom "Duo", distribution width 24 meters.

Standard equipment

- Same equipment as vacuum tanker
- Heart-shaped polyester tank ensuring low center of gravity
- Continuous hot-dip galvanized frame
- Tandem axle
- Eccentric spiral pump with stone sink (rotary lobe pump or rotary pump by option)
- Three way valve with portioner
- Dual air brake, automatically load controlled per filling indicator
- Square manhole (approx. 700 x 700 mm) on top, with ladder and overflow bend

Polyester tank

The tank is hand made by means of the so-called "hand-laminating procedure" which allows forming the special heart shape design of the tank which is responsible for its low center of gravity.

Another advantage is the possibility to form the tank wall according to the requirements: thicker wall of supporting parts and reinforced wheel rims, thinner wall upwards, on top and of lid.

The particularly smooth "GELCOAT coating" of the tank protects the resin and the fibreglass mats from UV radiation and makes cleaning an easy task. The tank surface remains smooth and will not decrease in value.

Tank sizes: 10,500 - 12,500 - 15,500 - 18,500 liters



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Convincing Technique



Hot-dip galvanized supporting frame

By standard the continuous supporting frame is equipped at the rear with the mounting devices for hose applicators, double nozzle spray booms, baffle plate spreaders and so on.



Steerable tandem axle

The self-steering tandem axle, due to the independent wheel action, ensures particularly smooth running and an even distribution of weight onto the four wheels. This unsprung tandem axle system is especially useful on difficult terrain and along sidewardly inclined slopes.

Upon request it is also possible to mount spring-loaded tandem axles.



Automatic tank filling stop

For filling the tank by means of the automatic suction device the tank may be equipped by option with an automatic filling stop. It is controlled by the level indicator and closes the valve of the automatic suction device while opening the valve in between the pump and the tank, when maximum filling level has been achieved. So the fluid will be pumped in closed loop and the tank is protected from overfilling.



Portioning by hydraulic three way valve

With the hydraulic three way valve the required delivery amount can be set. The spring-loaded segment prevents the valve from getting blocked or jammed.

Distribution Systems

The original BAUER spreading nozzles – used in thousands of applications



Rear and side spreaders

HK108/4", HK133/5", HK159/6" spreading body
DM 52/60/76 mm rear spreader nozzles
DM 44/55 mm side spreader nozzles

- Minimum wind sensitivity of the rear spreader thanks to low and flat slurry fan.

Spreading width: 8 – 12 m

Operating pressure: 1 – 3 bar



Rear spreader – up to 12 m



Side spreader – up to 13 m

Double nozzle spray boom

with 2 or 3 rear spreader nozzles

- Sturdy and simple construction, very little maintenance expenditures
- Minimum wind sensitivity thanks to low and flat slurry fan
- Easy adjustment of the spreading width thanks to exchangeable extension pipes
- Hydraulically foldable side arms
- Optional lockable side arms
- No pollution of roads and yards thanks to drain facility (optional)
- Retrofittable to BAUER tankers, also adjustable to tankers by different brands

The most economical distribution device for very large spreading widths.

Spreading widths with 2 nozzles

12 – 21 m for vacuum tankers, 12 – 27 m for pump or vacuum tankers with additional pressure booster pump.

Spreading widths with 3 nozzles

18 and 21 m for vacuum and pump tankers.

Oscillating spreader

Mounted to the rear of the spreader connection by means of an adapter piece. For operating widths up to 15 m at an overpressure of 1 bar. The oscillating spreader is driven by the liquid's overpressure. Minimum wind sensitivity thanks to large drops.



V120TL vacuum tanker 12,000 l, with 18 m double nozzle spray boom, with central third nozzle, drain facility





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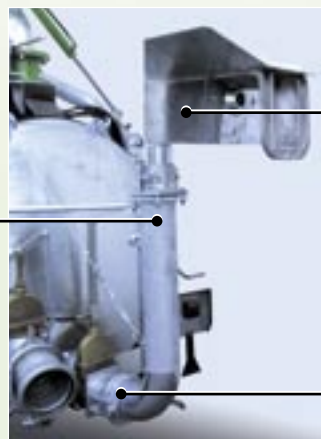
FOR A GREEN WORLD

Applications

Baffle plate spreader

HK133/5" or HK159/6"
spreader connection

- ① Rigid or height-adjustable via rack-and-pinion drive - comfortable operation
- ② Spreader head can be folded over for cleaning by means of a hinge
- ③ Console for swiveling the baffle plate, e.g. when working with rear spreaders



Tanker-mounted spiral hose applicator

- Minimal odor development
- Insensitive to wind
- Little gaseous nitrogen development
- Minimal slurry moistening of plants
- Also facilitates late fertilization of cereals
- Coverage of adjacent fields without overlappings
- Hydraulically foldable side arms
- Anti-dripping protection
- 9, 12, 15 or 18 m spreading widths
- 25 cm hose clearance (upon request 20 cm)

No blockings with the spiral applicator

The spiral applicator conveys large foreign bodies to a rear storage compartment. Thanks to a short-time reverse of the rotational direction, also a blocking of the drain bores with high-fiber slurry is prevented.



K100TL combi tanker 10,000 l with 15 m spiral applicator, tandem-boogie axle, central drawbar, underrun protection

Slurry injector

- 2.5 m to 5.1 m spreading width
- Incorporates the slurry into the field ground – spring tines tear the field ground open and the slurry directly flows into the furrow. The operating depth of the tines is set by means of track wheels
- For transportation, the injector is hydraulically lifted and flapped over
- A 3- or 4-point hydraulic system at the tanker's rearside facilitates the connection of all conventional spreading devices such as tanker-mounted hose applicators, drag-shoe applicators, slurry injectors, etc.

K100TL combi tanker 10,100 l with special chassis and rear-connected 4-point hydraulic system for strength absorption of the connected slurry injector with a spreading width of 3.9 m, hot-galvanized and varnished tank



Technical Data

		Tanker con- tents	Tank Ø	Total length without sprea- der without nozzle	Total width	Total height	Dead weight	Axle				
								Toe	Wheelbase	Wheelbolt		
Tanker type		[l]	[mm]	[mm]	[mm]	[mm]	[approx. kg]	[mm]	[mm]	number	Dimension	
Vacuum Tanker	Single axle	V20	2100	1100	4170	1900	1950	940	1500	-	6	15.0/55-17
		V25	2600	1100	4670	1900	1950	1000	1500	-	6	15.0/55-17
		V30	3100	1100	5170	1900	1950	1060	1500	-	6	15.0/55-17
		V35	3500	1100	5670	1900	1950	1170	1500	-	6	15.0/55-17
		V40	3900	1250	5200	1900	2100	1200	1500	-	6	15.0/55-17
		V45	4500	1250	5700	2120	2210	1340	1700	-	6	16.0/70-20
		V50	5400	1400	5640	2400	2480	1740	1850	-	8	550/60-22.5
		V60	6200	1400	6390	2400	2480	2000	1850	-	8	550/60-22.5
		V70	7100	1500	6410	2500	2580	2130	1950	-	8	550/60-22.5
		V80	8200	1600	6420	2500	2800	2210	1950	-	8	550/60-22.5
	V100	10100	1600	7290	2550	2950	3000	1950	-	10	600/55-26.5	
	Tandem axle	V60T	6200	1400	6390	2120	2690	2420	1700	1200	6	16.0/70-20
		V70T	7100	1500	6410	2120	2790	2550	1700	1200	6	16.0/70-20
		V80T	8200	1600	6420	2270	2760	2760	1850	1200	8	16.0/70-20
V100TL		10100	1600	7290	2500	2850	4000	1950	1500	8	550/60-22.5	
Combi Tanker	Single axle	K25	2600	1100	5020	1900	2250	1250	1500	-	6	15.0/55-17
		K30	3100	1100	5520	1900	2250	1310	1500	-	6	15.0/55-17
		K35	3500	1100	6020	1900	2250	1420	1500	-	6	15.0/55-17
		K40	3900	1250	5550	1900	2400	1450	1500	-	6	15.0/55-17
		K45	4500	1250	6050	2120	2400	1590	1700	-	6	16.0/70-20
		K50	5400	1400	6260	2400	2520	2000	1850	-	8	550/60-22.5
		K60	6200	1400	6740	2400	2520	2250	1850	-	8	550/60-22.5
		K70	7100	1500	6760	2500	2620	2380	1950	-	8	550/60-22.5
		K80	8200	1600	6770	2500	2840	2480	1950	-	8	550/60-22.5
		K100	10100	1600	7720	2550	2990	3270	1950	-	10	600/55-26.5
	Tandem axle	K60T	6200	1400	6740	2120	2730	2670	1700	1200	6	16.0/70-20
		K70T	7100	1500	6760	2120	2830	2800	1700	1200	6	16.0/70-20
		K80T	8200	1600	6770	2270	2800	3030	1850	1200	8	16.0/70-20
		K100TL	10100	1600	7720	2500	2890	4270	1950	1500	8	550/60-22.5
Pump Tanker	Single axle	P50	5400	1400	5440	2400	2480	1740	1850	-	8	550/60-22.5
		P60	6200	1400	6190	2400	2480	2000	1850	-	8	550/60-22.5
		P70	7100	1500	6210	2500	2580	2130	1950	-	8	550/60-22.5
		P80	8200	1600	6220	2500	2800	2210	1950	-	8	550/60-22.5
		P100	10100	1600	7090	2550	2950	3000	1950	-	10	600/55-26.5
	Tandem axle	P60T	6200	1400	6190	2120	2690	2420	1700	1200	6	16.0/70-20
		P70T	7100	1500	6210	2120	2790	2550	1700	1200	6	16.0/70-20
		P80T	8200	1600	6220	2270	2760	2760	1850	1200	8	16.0/70-20
		P100TL	10100	1600	7090	2500	2850	4000	1950	1500	8	550/60-22.5
		P120TL	12000	1700	7350	2500	3040	4720	1950	1500	8	550/60-22.5
	P140TL	14200	1700	8350	2500	3040	5240	1950	1500	10	550/60-22.5	

Subject to technical changes and country-specific adjustments!

AS



Trac



Flot +



Tyres

Dimension	PR	Profile	Width x Ø	Dimension	PR	Profile	Width x Ø	Dimension	PR/LI
400/60-15.5	14PR	Trac	405x875	16.0/70-20	10/12PR	Flot+/Trac	415x1075	550/60R22.5	LI 164A8
15.0/55-17	10/14PR	AW/AS	391x850	385/65R22.5	retread	Trac	390x1070	600/55-22.5	12PR
500/50-17	10PR	AW	500x940	550/45-22.5	12PR	Trac	550x1070	650/50R22.5	LI 167A8
19.0/45-17	10/14PR	AW/AS	471x861	550/60-22.5	12/16PR	Trac/Rib	550x1238	700/50-22.5	12PR



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Dimension			Suction connection	Pressure connection	Compressor Theoretical air capacity	Combi aggregate				Eccentric spiral pump type	Recommen- ded tractor capacity
PR	Profile	Width x Ø				Type	Pump		Compressor		
							Max. press.	Max. capac.	Theor. air capac.		
PR	Profile	[mm]	Dimension	Dimension	Type [l/min]		[bar]	[l\min]	[l/min]	[l/min]	[kW]
10	AW	391x850	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	18
10	AW	391x850	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	22
10	AW	391x850	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	26
10	AW	391x850	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	29
10	AW	391x850	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	32
10	Flot	418x1075	HK133/5"	HK133/5"	B33 / 5300 I	-	-	-	-	-	36
12	Trac	550x1238	HK159/6"	HK159/6"	B63 / 7100 I	-	-	-	-	-	40
12	Trac	550x1238	HK159/6"	HK159/6"	B63 / 7100 I	-	-	-	-	-	54
12	Trac	550x1238	HK159/6"	HK159/6"	B63 / 7100 I	-	-	-	-	-	60
12	Trac	550x1238	HK159/6"	HK159/6"	B83 / 8200 I	-	-	-	-	-	70
12	Trac	591x1333	HK159/6"	HK159/6"	B83 / 8200 I	-	-	-	-	-	80
10	Flot	418x1075	HK159/6"	HK159/6"	B63 / 7100 I	-	-	-	-	-	54
10	Flot	418x1075	HK159/6"	HK159/6"	B63 / 7100 I	-	-	-	-	-	60
12	Flot	418x1075	HK159/6"	HK159/6"	B83 / 8200 I	-	-	-	-	-	70
12	Trac	550x1238	HK159/6"	HK159/6"	B83 / 8200 I	-	-	-	-	-	80
12	Trac	550x1238	HK159/6"	HK159/6"	B120 / 11870 I	-	-	-	-	-	95
16	Trac	550x1238	HK159/6"	HK159/6"	B120 / 11870 I	-	-	-	-	-	110
12	Trac	600x1270	HK159/6"	HK159/6"	B120 / 11870 I	-	-	-	-	-	125
10	AW	391x850	HK133/5"	HK133/5"	-	F3RD/B33	7.8	1600	5300	-	40
10	AW	391x850	HK133/5"	HK133/5"	-	F3RD/B33	7.8	1600	5300	-	45
10	AW	391x850	HK133/5"	HK133/5"	-	F3RD/B33	7.8	1600	5300	-	46
10	AW	391x850	HK133/5"	HK133/5"	-	F3RD/B33	7.8	1600	5300	-	48
10	Flot	418x1075	HK133/5"	HK133/5"	-	F3RD/B33	7.8	1600	5300	-	50
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	60
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	70
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	80
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	90
12	Trac	591x1333	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	100
10	Flot	418x1075	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	70
10	Flot	418x1075	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	80
12	Flot	418x1075	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	90
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	100
12	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	110
16	Trac	550x1238	HK159/6"	HK159/6"	-	M540/B63	8.8	3000	7100	-	130
12	Trac	550x1238	HK133/5"	HK108/4"	-	-	-	-	-	100A/220I	53
12	Trac	550x1238	HK133/5"	HK108/4"	-	-	-	-	-	100A/2200	62
12	Trac	550x1238	HK133/5"	HK108/4"	-	-	-	-	-	100A/2200	70
12	Trac	550x1238	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	80
12	Trac	591x1333	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	90
10	Flot	418x1075	HK133/5"	HK108/4"	-	-	-	-	-	100A/2200	62
10	Flot	418x1075	HK133/5"	HK108/4"	-	-	-	-	-	100A/2200	70
12	Flot	418x1075	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	80
12	Trac	550x1238	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	90
12	Trac	550x1238	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	100
16	Trac	550x1238	HK159/6"	HK108/4"	-	-	-	-	-	110A/3000	120

Flot Pro Radial



AW



Rib



Profile	Width x Ø	Dimension	PR/LI	Profile	Width x Ø	Dimension	PR/LI	Profile	Width x Ø
Flot Pro	567x1234	28L26	12/16PR	Cube	700x1333	700/50-26.5	12	Trac	700x1333
Trac/Rib	600x1270	600/55-26.5	12PR	Trac	600x1333	800/45-26.5	12	Trac	800x1333
Flot Pro	649x1237	600/55R26.5	LI 174A8	Flot Pro	614x1350	800/45R26.5	LI 179A8	Flot Pro	800x1350
Trac	700x1270	700/50R26.5	LI 178A8	Flot Pro	700x1350	850/50-30.5	12	Trac	850x1670



BAUER

FOR A GREEN WORLD

Protection and neatness

of plugs, cables, hoses and couplings

Mounting clips and hose guides ensure an exact fixation and positioning of all hydraulic hoses and electric lines. An additional deposition unit accommodates the hydraulic, electric and the compressed air plugs and offers protection against pollution.

Wheel box and wheel cutout

In order to avoid any non-compliance with the legally specified external width caused by the use of wide-base tyres, recesses are drilled into the tanker body. Depending on the tanker's size, tyres and tread width, the tanker volume is reduced by approx. 100 liters with wheel cutouts and by approx. 300 to 1,000 liters with wheel boxes.



V90U vacuum tanker 9,000 l with wheel boxes for 800/45-26.5 tyres, spring-loaded central drawbar with automatic, load-dependent control and additional ventilation and venting lines for external filling.



Scharmüller trailer ball trailing fixation

Trailing fixation

Depending on the type and design of the tractive unit: Top, bottom or central bar with DN40 drawbar eye. Bottom trailing fixation or central drawbar with DN50 drawbar eye for Hitch or Piton fix. Scharmüller trailer ball trailing fixation – zero-backlash trailing fixation for heavy vehicles and speed journeys.



Air spring bellows with automatic adjustment

bellows between the tank and the drawbar which is fed via the compressed air system of the tractive unit. A control valve automatically and load-dependently controls the air pressure. With full load, the pressure is increased and the suspension becomes stronger. With no load, the air pressure is reduced and the suspension becomes lighter. An additionally mounted shock absorber enables a maximum degree of safety and driving comfort.

Air suspension of the central drawbar Realized by a large-volume rubber spring

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