



TRANSPORT PROGRAM

GB



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MEMBER OF



INNOVATIVE BY TRADITION

The name Fliegl has a decades-long reputation for quality, innovative action, and practical solutions for agriculture. These are advantages which have made Fliegl the No.1 in Europe, for example in the agricultural trailers sector. Whether it's for tippers, original push-off trailers, slurry technology or harvest logistics:

FLIEGL ALWAYS HAS THE OPTIMUM TRANSPORT CONCEPT FOR YOU.







ASW PUSH-OFF TRAILER



WWW.FLIEGL.COM

One push-off trailer - many possibilities

The “Gigant” push-off trailer is ready to work for you all year round. For example, whether it's grass or maize silage, potatoes, large bales, heavy materials or snow – its flexibility and pushing power are boundless.



- Up to 5 times faster unloading time
- Up to 60 % more load volume by compaction (depending on the material)
- The extremely robust Fliegl push-off system is also perfect for heavy goods
- Can be combined with a spreading unit in a few minutes





Pushing off, not tipping
- so no problems even in
low buildings.



Overloading auger ÜLS 400 for grain
Overloading rate about 7.5to/min



Perfect for carrying snow, materi-
als do not stick



Sealing strips: Special polyurethane strips arranged at a 45° angle seal the loading
area perfectly.



Advantageous centre of gravity with the low design

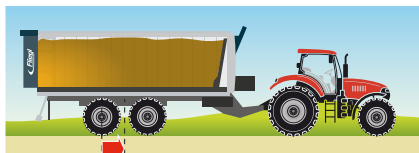
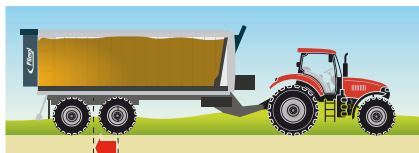
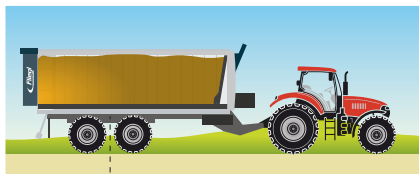
ASW Compact



		ASW 110 single-axle	ASW 110	ASW 140
Total permitted weight	kg	10.500	11.000	14.000
Number of axles		1	2	2
Tongue load	kg	2.500	2.000	2.000
Net weight	approx. kg	3.750	4.200	4.700
Body length incl. back wall	mm	5.100	5.100	5.600
Body width	mm	2.380	2.380	2.380
Body side height	mm	1.500	1.500	1.500/2.000
Platform height with standard tyres	approx. mm	1.250	1.150	1.300
Track width*	mm	1.850 - 2.000	1.850 - 2.000	2.000
Fill volume without compression	approx. m³	20	20	28 (*bei 2m)
Fill volume with compression with grass silage	approx. m³	30	30	39 (*bei 2m)
Required oil quantity	litre	12	12	13



The Fliegl movable axle mechanically



Titan tandem assembly



Drawbar unsprung, rotatable for Top and bottom attachment



»Gigant Plus«



»Gigant«

ASW 160	ASW 190	ASW 256	ASW 261	ASW 271
16.000	19.000	20.000 - 21.000	20.000 - 21.000	20.000 - 23.000
2	2	2	2	2
2.000	2.000	2.000-3.000	2.000-3.000	2.000-3.000
4.900	5.200	5.300	5.900	6.600
5.600	5.600	5.600	6.100	7.100
2.380	2.380	2.380	2.380	2.380
1.500/2.000	1.500/2.000	1.500/2.000	1500/2.000/2.300	1500/2.000/2.300
1.350	1.400	1.400	1.400	1.400
2.000	2.050	2.050 - 2.150	2.050 - 2.150	2.050 - 2.150
28 (*bei 2m)	28 (*bei 2m)	28 (*bei 2m)	30 (*bei 2m)	35 (*bei 2m)
39 (*bei 2m)	39 (*bei 2m)	39 (*bei 2m)	48 (*bei 2m)	56 (*bei 2m)
13	16	16	17	21

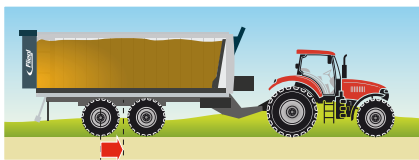
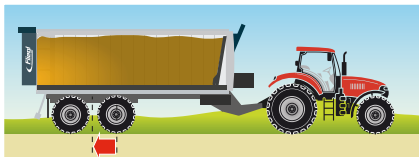
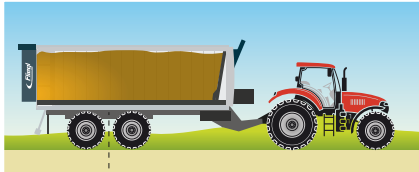
ASW Gigant



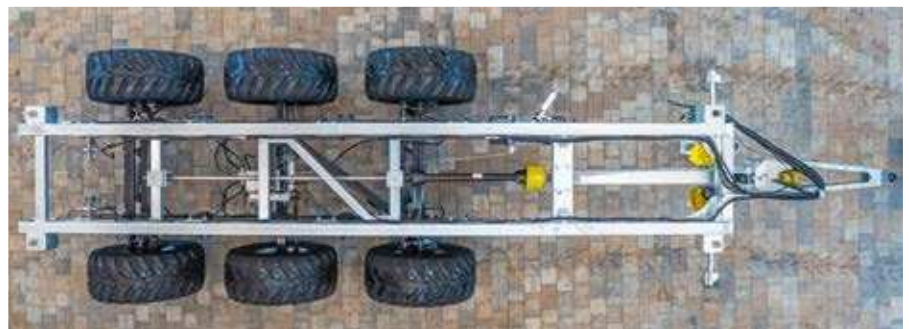
		ASW 256	ASW 261
Total permitted weight	kg	20.000 - 21.000	20.000 - 22.000
Number of axles		2	2
Tongue load	kg	2.000-3.000	2.000-4000
Net weight	approx. kg	5.500	6.200
Body length incl. back wall	mm	5.600	6.100
Body width	mm	2.380	2.380
Body side height*	mm	1.500/2.000	1.500/2.000
Platform height with standard tyres	approx. mm	1.400	1.400
Track width	mm	2.050 - 2.150	2.050 - 2.150
Fill volume without compression	approx. m³	28 (*bei 2m)	30 (*bei 2m)
Fill volume with compression with grass silage	approx. m³	39 (*bei 2m)	48 (*bei 2m)
Required oil quantity	litre	16	17



The Fliegl movable axle mechanically or hydraulic (ASW 271)



Hydraulic axle adjustment



Preparation as a swap chassis

ASW 271	ASW 281	ASW 381	ASW 391	ASW 3101
20.000 - 24.000	20.000 - 24.000	29.000 - 31.000	29.000 - 34.000	29.000 - 34.000
2	2	3	3	3
2.000-4.000	2.000-4.000	2.000-4.000	2.000-4.000	2.000-4.000
6.800	7.5000	8.500	9.500	9.900
7.100	8.100	8.100	9.100	10.100
2.380	2.380	2.380	2.380	2.380
1500/2.000/2.300	1500/2.000/2.300	1500/2.000/2.300	1500/2.000/2.300	1500/2.000/2.300
1.400	1.450	1.400	1.400	1.400
2.050 - 2.150	2.050 - 2.150	2.050 - 2.150	2.050 - 2.150	2.050 - 2.150
35 (*bei 2m)	40 (*bei 2m)	40 (*bei 2m)	45 (*bei 2m)	50 (*bei 2m)
56 (*bei 2m)	64 (*bei 2m)	64 (*bei 2m)	72 (*bei 2m)	80 (*bei 2m)
21	28	28	30	35

Equipment options ASW Gigant



Titan-Tandem assembly



»Gigant«



»Gigant Plus«

Hydraulic
forced steering



FWS ISOBUS weighing system

FWS ISOBUS weighs directly in the field, even on sloping ground, extremely accurately, quickly, and without recalibration.



Air suspension

- High accuracy to +/- 0.1% of payload or +/- 10kg
- Hydraulic suspension not required - saving weight and costs
- Crop is weighed promptly in the field, even on sloping ground
- No detours to the next weighing station



Digital CAN Bus weighing cells give exact weight data

AEF Certified



www.aef-isobus-database.org

ASW Taurus



ASW Taurus 3101

		ASW 271 Taurus
Total permitted weight	kg	21.000 / 24.000
Number of axles		2
Assumed fifth wheel load	kg	3.000 / 4.000
Net weight	approx. kg	8.300
Body length incl. back wall	mm	7.100
Body width	mm	2.380
Body side height	mm	2000/2.300
Axle type		BPW
Fill volume without compression	approx. m ³	40 (bei 2,3m)
Required oil quantity,	Liter	21



Hydraulic axle suspension



Hydraulic forced steering


Hydraulic drawbar suspension
Swivelling drawbar for upper or lower
hitch as standard


Tyres: 800/45 R 22,5" or 710/50 R 30,5"

BPW axle



Directed



Straight ahead



ASW 281 Taurus	ASW 381 Taurus	ASW 391 Taurus	ASW 3101 Taurus
23.000 / 24.000	30.000/31.000	30.000/31.000	33.000/34.000
2	3	3	3
3.000 / 4.000	3.000/4.000	3.000/4.000	3.000-4.000
8.900	9.900	10.900	11.500
8.100	8.100	9.100	10.100
2.380	2.380	2.380	2.380
2000/2.300	2000/2.300	2000/2.300	2000/2.300
BPW	BPW	BPW	BPW
45 (bei 2,3m)	45 (bei 2,3m)	50 (bei 2,3m)	55 (bei 2,3m)
28	28	30	35

Traction bar,
underride guard & axle



Top/bottom hitch

With the swivelling drawbar, it is easy to change from top to bottom hitch.



Bottom hitch ...



... swivels for top hitch

Available axle



Underride guard



Germany 40 km/h version with fixed underride guard



Mechanical folding underride guard

Hydraulic underride guard



When the large-area back wall opens, the underride guard folds up automatically

Equipment options for all ASW models

Protectpaket



Mud guards and rear covers made of robust plastic parts guarantee clean surfaces and reduced risk of injury.



Rubber infill strips to prevent the lodging of dirt and debris.



Frontgrating hydraulic



Large-area back wall with grain slider as standard



Mechanical side wall folding



Hydraulic supporting leg



Drop support with 2 speeds



Drop support leg



Side marker lights



Position lights



Clearance light



Full LED rear lights with dynamic indicator made of impact resistant material.



LED interior lighting



300 mm aluminium extensions



Lifting and lowering valve for air suspension



Operating concepts



COMFORT CONTROL ISOBUS

Load-sensing control block

Automatic sequence control
of the work processes or
manual switching



COMFORT CONTROL WITH CONTROL PANEL

Control block switchable from load sensing to constant current

Automatic sequential switching of the work sequences or manual switching



DOUBLE CHANGEOVER VALVE WITH CONTROL PANEL

Changeover valve with control panel for 3 functions, max. 13 litres

Preselection of function, performance via tractor control unit



5-FOLD CONTROL BLOCK BASIC WITH CONTROL PANEL

Constant flow control block for 5 functions, max. 13 litres



OPERATION OF THE HYDRAULIC FUNCTIONS VIA TRACTOR CONTROL UNITS

Operation of the trailer functions via single and double-acting tractor control units

Optimal protection and flexibility

Protecting the harvest is of crucial importance, especially during transport. Our cover systems ensure that valuable crops are not blown away by the wind or lost in the traffic behind the vehicle.



“SPEEDCOVER” COVERING NET



Winds up by spring tension



Protection guard to prevent dirt and damage

Hydraulic oil motor to pull in the covering net

- Suitable for almost any trailer
- Does not obstruct the loading area

THE FLIEGL “TOPLIFT” LIFTING ROOF AND »TOPLIFT«



TOPLIFT LIGHT:
Cover net folds up to the side



TopLift: The two tarpaulin halves can be opened and closed in the shortest time



SLIDING TARPAULIN



- For covering the loaded goods quickly and simply - can be operated from the ground!
- Protection from water
- Available for all push-off trailers and Bull dumpers up to 10.10 m length



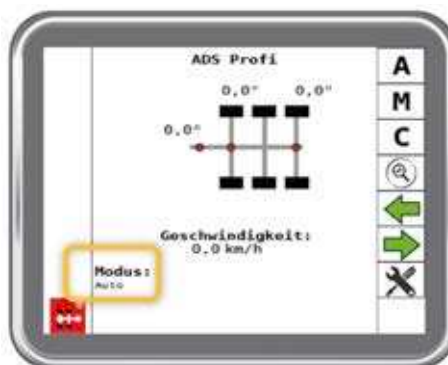
STEER X:

A new dimension of manoeuvrability

The new electronic forced steering SteerX broadens the horizon of axle steering because the system no longer requires a mechanical connection.



Even at higher speeds and unpredictable manoeuvres, the steering behavior adapts optimally and ensures a high level of driving stability.



Monitor display with the setting options

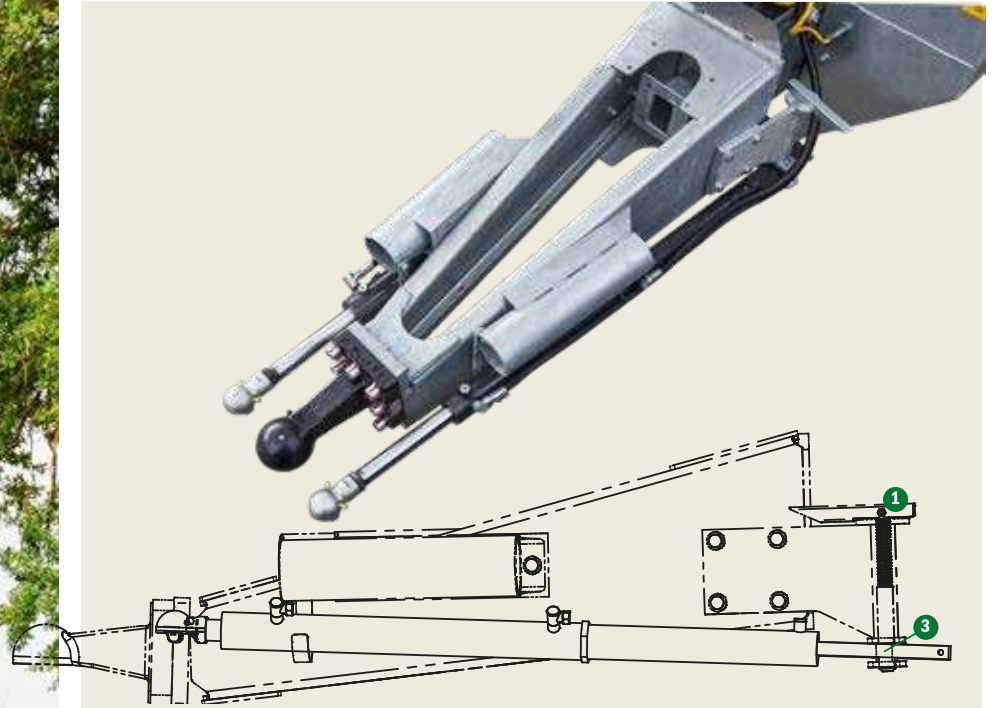
A = Automatic | M = Manual | C = Crab steering

- No additional coupling linkage required which means quick coupling and a high steering angle to the drawbar
- Innovative sensor technology, thus less wear and maintenance costs regarding the chassis
- Improved driving stability
- High system security
- Available for many Fliegl tandem and tridem trailers



YouTube
STEER X

Mechanical forced steering*



Easy coupling - as standard

- 1 Open the locking pin on the forced steering cylinder
- 2 Simple hitching of the K50 coupling on the tractor
- 3 Fix the locking pin

The dimensions and clearances at the K80 ball head coupling must comply with the ISO 500 and ISO 730 standards. Steering cylinders are mounted at the same axial and vertical height as the ball head coupling on the towing vehicle. Spacing 250 mm (+/- 5mm)

The “AGRO TRUCK” BODY

Truck body in aluminium and steel versions

- Load volume from 35 m³ to 50 m³
- Optional mounting on truck chassis

AGRO TRUCK body for various truck chassis



Dolly systems

Modern transport technology and transport logistics are the logical answer to ever-growing harvest outputs and longer and longer transport routes

- One-axle dolly with 10.5 t coupling load and 12.5 t total weight
- Tandem dolly with 17 t coupling load and 20 t total weight
- Optionally with air suspension (raising and lowering)
- Mechanically adjustable fifth wheel plate as standard, hydraulically as option



Mechanically adjustable fifth wheel plate for one-axle and tandem dolly

Bordhydraulik mit Gelenkwellen-antrieb - optional



Tandem-Dolly with 17 t coupling load and 20 t total weight

Overloading augers

Fliegl overloading augers for maximum output in the transport logistics

OVERLOADING AUGER TYPE 400

Overloading pipe with Ø 400 mm

Folds hydraulically.

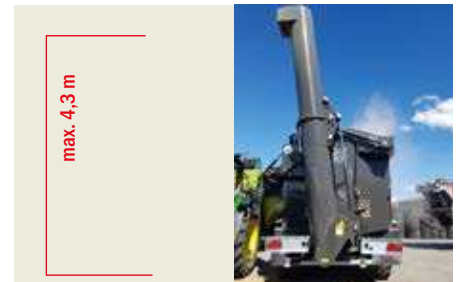
Overloading height from 4.30 m
(depending on tyres).

Overloading rate about 7.5 to / min





Simple installation on all ASW types



OVERLOADING AUGER TYPE 500

Overloading pipe with Ø 500 mm
Folds hydraulically.
Overloading height from 4.30 m
(depending on tyres).
Overloading rate about 10 to / min



Hydr. sliding gate allows the overloading auger to be completely emptied when loaded

Overloading belt MobileFast

Wear-resistant flat link chains | overloading apparatus folds hydraulically | PTO driven

Ideal for compost, wood chips, maize and grass.



Extremely powerful • Overloading height up to 5 m

Overloading rate 18 - 30 m³/min. (Depending on bulk material)

Robust overloading apparatus with scraper floor drive



Dosing roller

Guarantees even distribution of the silage



Dosing roller with 3 horizontal milling drums



Potatoe- and beet harvest



ÜBERLADEBAND „POMOVER PLUS“

Hydraulically folding overloading and cleaning belt “POM-Over” with cleaning rollers, e.g. for potatoes, carrots etc.



Cleaning rollers

RUBY

SUGAR BEET OVERLOADING BELT “RUBY”

Create beet clamps with “loading-ready” width and height.
Can also load onto trucks.

- Higher output at the sugar beet harvest by bunkering while lifting the beet
- Makes the harvesting work easier with large plot lengths especially where the bunker volumes lifted are too low
- Tidy clamping system
- Overloading onto truck trailers
- Unloading rate up to about 750 tonnes / hour (depending on loading height)
- Unloading height adjustable hydraulically between 1.70 and 4.00 metres
- Emptying rate up to about 15 m³/min
- Soil-saving tyres - different variants to choose from - for low ground pressure, low drag resistance and low fuel consumption
- Convenient electro-hydraulic operation



Trucks can be loaded in the shortest time

Spreaders for ASW

Fliegl spreader mechanisms bring the most varied of materials on to usable farm-land areas precisely and evenly. Through this the effectiveness of the applied manure is optimized and the need to buy in additional artificial fertilizer is either reduced, or eliminated altogether. In this way time and money can be saved.



- Simple retrofit to all Fliegl push-off trailers
- You can convert your push-off trailer to a professional manure spreader within 20 minutes
- Universal application with any type of material, e.g. cattle or poultry manure, bulk and/or pourable materials such as sewage sludge, compost or lime
- Fine or wide-area spreading selectable
- Spreading gear with vertical rollers with enormous throughput capability - also optimal for silage spreading on flat silos

...versatility
with different output variants

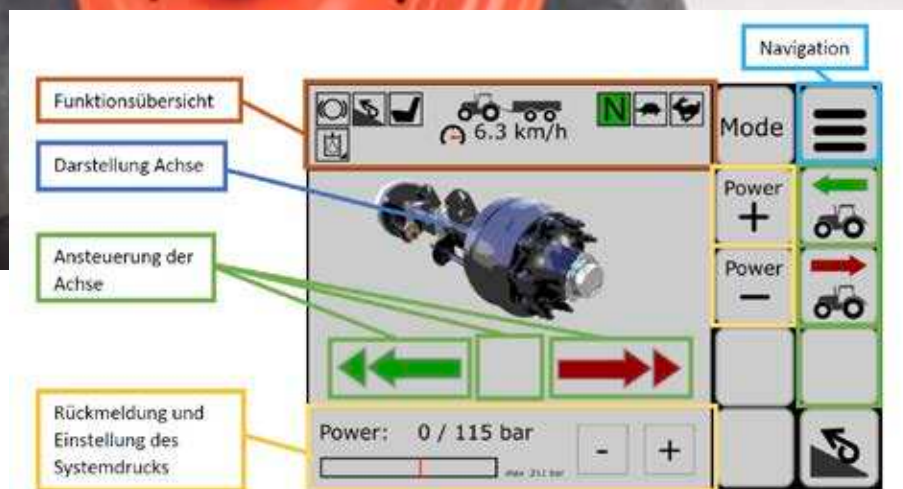


With a stacker truck, all spreading units can be installed easily within about 20 minutes.



The drive axle: Easy driving under difficult conditions

The drive axle is a complete drive solution for Fliegl push-off trailers. The system enables an additional drive power of up to 90 kW, which is required in difficult conditions and on varying terrain.



Easy operation via ISOBUS terminal



On-board hydraulics for maximum performance regardless of the towing vehicle

- Max. drive power approx. 90 kw
- Automatic switching from slow to fast and forwards to reverse
- Operation via ISOBUS terminal
- Hill start aid



Agro-Drive driving axle



The radial piston motor provides additional drive power if required.



SEMI-TRAILER



Fliegl
AGRARTECHNIK

WWW.FLIEGL.COM

Semi-Truck »farmTruck«

More Transport Power for Field and Road

Conquer every challenge on the field and the road. Boost your productivity with a machine as versatile as your needs. Discover the „farmTruck“ semi-truck – your optimal solution for combined use in agriculture and road transport. The „farmTruck“ delivers maximum cost-effectiveness and efficiency.

For example, with the flexible Agro Truck trailers from Fliegl: versatile agricultural semi-trailer solutions such as dump tippers, push-off trailers, and transport tanks.





Truck ➤

Fliegl Push-Off System

Transport distances in agriculture are becoming longer, making size and speed more important than ever. The ideal solution for this is the ASS Agro Truck push-off semi-trailer. High transport efficiency combined with field capability makes it a true all-rounder in transport logistics.





- 22 semi-trailer variants
- Available with agricultural tires
- Capacity of up to 70 m³
- LoF approval possible
- Models for speeds ranging from 60 to 100 km/h

Semi-trailer ASS AGRO TRUCK

In aluminium- or steel versions

- Capacity up to 60 m³
- Two-axle version
- Air suspension
- Steering axle with automatic locking
- 60 km/h version with EBS
- Electromagnetically controlled two-line hydraulics required on the truck



Optionally available with various
cover systems



ASS semitrailer

The Fliegl push-off semitrailers transport bulky and heavy goods and can unload them in a matter of seconds. Be it wood chips, pellets or grain the push-off technology ensures smooth and complete emptying. During the unloading process, the push-off mechanism offers excellent stability.



ASS 388 Aluminum Version with Sliding Tarpaulin



ASS 388 steel version with special painting of rear panel



ASS 398 GREEN-TEC

2-Axle Semi-Trailer with Aluminum Tipper Body

Gross weight: 31,000 kg / Rear axle load: up to 20,000 kg

- Volume: 50 m³
- Air suspension with tipping height adjustment
- Tapered aluminum box tipper body
- Available in 60 km/h or 80 km/h versions
- Tires: 600/55 R 26.5" or 24 R 20.5"



Double-joint hinge and dual hook locking system

Sloped front wall and side walls made of 30 mm hollow chamber profiles with dirt-resistant top rail profile





4 tension locks for grain transport and unloading via grain slider. Perimeter rubber sealing combined with tension locks, suitable for damp bulk materials

Volume approx. 50m³

Hydraulic folding roof „TopLift light“ with net cover for load securing



2-Axle Semi-Trailer ZHKA 350		
Total permitted weight	kg	31.000
Number of axles		2
Assumed fifth wheel load	kg	11.000
Coupling height	mm	1.400
Net weight	approx. kg	5.900
Body length incl. back wall	mm	9.300
Body width	mm	2.420/2.470
Body side height	mm	2.150
Track width	mm	2.050
Tyres		600/55 R 26,5 – 24 R20,5
Required oil quantity	approx. Liter	120

Fliegl Bale Transporter Truck Line

More Efficiency in Bale Transport: 2-Axle Flatbed Semi-Trailer
SZS 300 BL Ultra with Load Securing





- Platform dimensions: 13,000 mm x 2,480 mm
- Platform floor: 30 mm anti-slip plywood
- Air suspension
- Steering axle with automatic locking
- Available in 100 km/h or 60 km/h versions
- Hydraulic load securing, folding down to the right or left, with integrated tension straps in the tarp
- Hand control unit (requires forward flow and pressureless return on the truck)
- Closed front and rear walls (made of plywood)



Technical data ASS

		ASS 2108 AgroTruck Gigant/Green Tec	ASS 298 AgroTruck Gigant/Green Tec
Total permitted weight	kg	35.000	35.000
Number of axles		2	2
Assumed fifth wheel load	kg	15.000	15.000
Coupling height +/-50 mm	mm	1.400	1.400
Net weight	approx. kg	9.900/ 8.900	8.900/ 7.900
Body length incl. back wall	mm	10.800	9.800
Body width	mm	2.380	2.380
Body side height	mm	2.000/2.300	2.000/2.300
Platform height with standard tyres	ca.mm	1.550	1.550
Track width*	mm	2.050	2.050
Fill volume without compression	ca. m ³	52 - 61	48 - 55
Required oil quantity	Liter	38	35

		ASS 288 Gigant/Green Tec	ASS 298 Gigant/Green Tec	ASS 2108 Gigant/Green Tec
Total permitted weight	kg	31.000	31.000	31.000
Number of axles		2	2	2
Assumed fifth wheel load	kg	13.000 - 15.000	13.000 - 15.000	13.000 - 15.000
Net weight	approx. kg	7.700/ 6.700	7.900/ 6.900	7.300
Body length incl. back wall	mm	8.800	9.800	10.800
Body width	mm	2.380	2.380	2.380
Body side height	mm	2.000	2.000	2.000
Platform height with standard tyres	mm	1.400	1.400	1.400
Track width*	mm	2.050	2.050	2.050
Fill volume without compression	approx.	43	48	51
Required oil quantity	Liter	30	32	35



ASS 388 Gigant/Green Tec	ASS 398 Gigant/Green Tec	ASS 3108 Gigant/Green Tec	ASS 3118 Gigant	ASS 3125
35.000	35.000	35.000	35.000	35.000
3	3	3	3	3
11.000 - 13.000	11.000 - 13.000	11.000 - 13.000	11.000 - 13.000	11.000 - 13.000
7.800/6.800	8.400/7.400	7.900	8.500	11.200
8.800	9.800	10.800	11.800	12.500
2.380	2.380	2.380	2.380	2.380
2.000	2.000	2.000	2.000	2.000
1.400	1.400	1.400	1.400	1.400
2.050	2.050	2.050	2.050	2.050
43	48	51	55	60
30	32	35	42	50

*abhängig von der Bereifung
 **Volumen bei Schüttgut mit Schüttkegel



SPREADING SYSTEMS



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Spreaders for ASW

“Gigant” push-off trailer with powerful spreading gear



SPREADER “PROFI” DLG TESTED



Wide-spreading back wall



Sliding gate



Milling drums with throwing vanes

SPREADER »MUCK CONTROL«



The “Muck Control” spreading unit features three horizontally arranged milling rollers ($\varnothing$ 560 mm) for optimal breakdown of organic fertilizer. Distribution is achieved via two spreading discs ($\varnothing$ 1100 mm), each equipped with six throwing blades – ensuring a uniform spreading pattern and maximum efficiency in operation.



Push-off speed is adapted automatically by the automatic feed control



The milling drums break up the spreading material for uniform results.



The spreading gear is driven mechanically by a PTO through-drive shaft

»Profi V2« and »Profi V2n«

Profi V2



Wide-spreading back wall



Sliding gate



Milling drums with slingers



The sliding gate is fully galvanised as standard. The spreading unit bearings can be accessed through a central lubrication bar for easy maintenance.

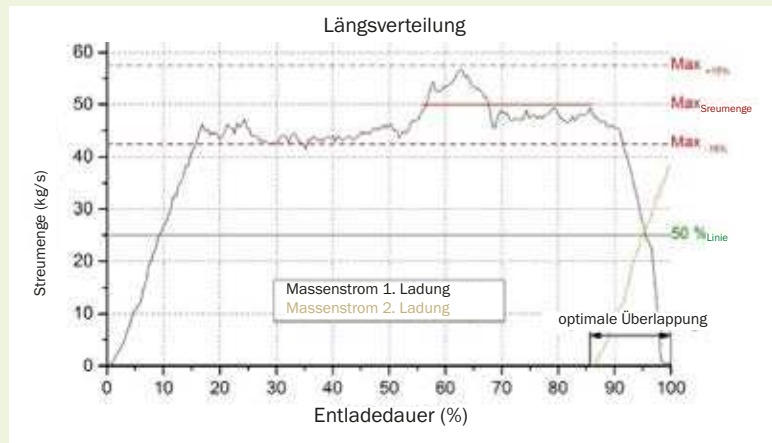
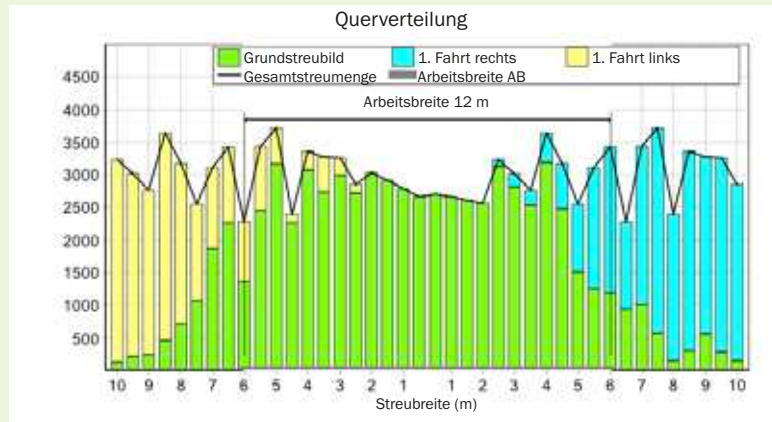


Spreader Profi V2 with slinger:

- Smooth startup
- Impervious to foreign objects
- Gentle on the gears, with low maintenance



ASW 271 WITH PROFI V2 STABLE MANURE 30 T/HA WITH REAR FLAP OPEN



DLG evaluation scale	VK% > 20 to 25	=	0
	VK% > 15 to 20	=	+
	VK% ≤ 15	=	++



Spreader "Profi V2n"
For push-off trailers with 1500mm
body height



Spreader "Profi V2" with closed
wide-spreading back wall

Perfect spreading pattern

WITH FLIEGL VARIOSENS SPREADING GEAR CONTROL
for spreader “Profi V2” and “PROFI V2n”





The ISOBUS Multi-Control is a multi-machine control system. It allows parallel operation of a FLIEGL VARIO SENS and a FLIEGL TRAILER CONTROL, for example. So the Multi-Control simplifies the work of the operator and also increases the efficiency of the application itself.

One operation step by step - automatically:

- 1 PTO speed is checked and controlled
- 2 Optional opening of rear flap, e.g. for solid manure
- 3 Sliding gate is opened
- 4 Sliding wall is pushed out at maximum speed
- 5 Sliding wall is controlled according to torque
- 6 Two emptying strokes to completely remove remaining material
- 7 Sliding wall is retracted at maximum speed
- 8 Rear flap is closed
- 9 Sliding gate is closed

CONTROL AND FEED SYSTEMS



Electric potentiometer with adjustable feed rate on control panel



Mechanical potentiometer with adjustable feed rate at the spreading unit

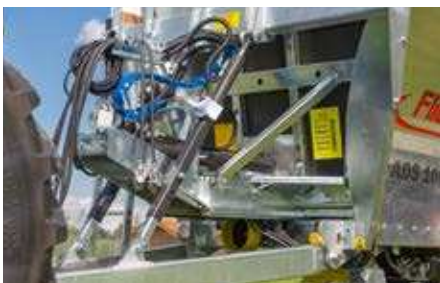


Automatic torque control with "VARIO-SENS" feed control

ADS push-off manure spreader

Solid manure spreading with patented push-off technology

Ideal: spreading pattern adjustable by hydr. drawbar tilt cylinder



Hydraulic drawbar suspension,
best ride comfort



Minimum wear with hydr. pushing system -
no scraper floor.



Hydraulic sliding gate

Robust spreading unit with working width about 12 m



High stability - low centre of gravity

With proven push-off technology

No sensitive wear parts compared with a scraper floor



Protective grating as standard



Slinger



ADS 200 with 19m³ volume

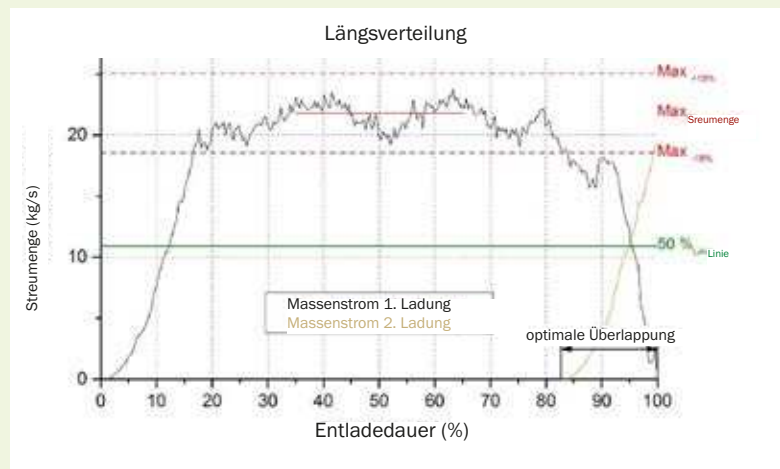
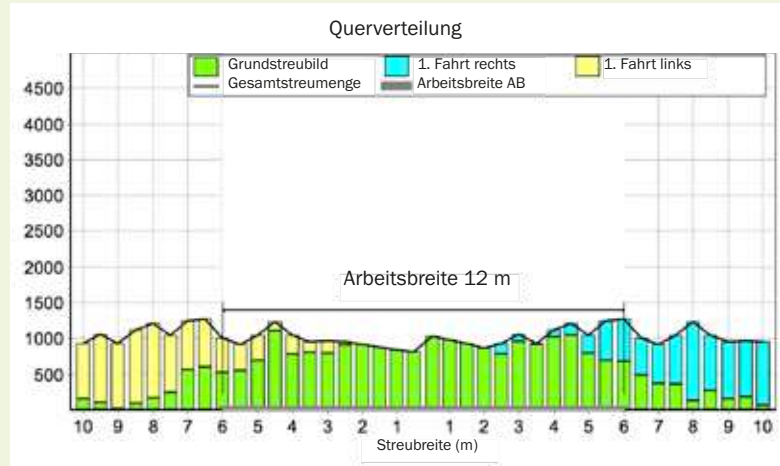
ADS 120 with spreading unit



With the proven Fliegl push-off technology, the material is fed evenly to the spreading unit. When the spreading is over, the loading area is virtually clear and the underfloor remains clean, unlike with conventional scraper floors.



ADS 120 WITH PROFI V2 SPREADING UNIT STABLE MANURE 10 T/HA WITH REAR FLAP OPEN



DLG evaluation scale	VK% > 20 to 25	=	0
	VK% > 15 to ≤ 20	=	+
	VK% ≤ 15	=	++



Spreading unit Profli V2 with slinger:

- Impervious to foreign objects
- Gentle on the gears, with low maintenance



The sliding gate is fully galvanised as standard. The spreading unit bearings can be accessed through a central lubrication bar for easy maintenance.

Technical data ADS

		ADS 60	ADS 80
Total permitted weight	kg	6.000	8.000
Drawbar		Top hitch	Top hitch
Net weight	kg	2.800	3.900
Dimensions L x W x H	ca. mm	3.500 x 1300 / 2.100 x 900	4.500 x 1.300 / 2.100 x 1.350
Volume	ca. m ³	6	9
Standard tyres		15/70-18 16 PR	385/65/22,5 RE

		ADS 160	ADS 160 Tandem
Total permitted weight	kg	14.000	16.000
Drawbar		Bottom hitch	Bottom hitch
Net weight	kg	7.000	7.300
Dimensions L x W x H	ca. mm	5.500 x 1.300 / 2.100 x 1.600	5.500 x 1.300 / 2.100 x 1.350
Volume	ca. m ³	18	14
Standard tyres		750/60 R 30.5	560/60 R 22.5



Optional: spreading roller protection and sliding gate for ADS 60



ADS 60 with 4 vertical rollers.



Optional:
40km/h version with mudguards with ADS 80 / ADS100 / ADS120

ADS 100	ADS 120
10.000	12.000
Bottom hitch	Bottom hitch
4.800	5.300
4.500 x 1.300 / 2.100 x 1.300	5.000 x 1.300 / 2.100 x 1.600
9	14
23.1/26	28 L 26

ADS 200 Tandem
20.000
Bottom hitch
8.200
5.500 x 1.300 / 2.100 x 1.600
18
560/60 R 22,5



Mechanical feed control through mechanical potentiometer



Optional: feed control by electric potentiometer



As an option, the ADS can be retrofitted with an 800mm large-area back wall for use as a transport trailer

Chain spreader »KDS«



- Capacity of 12 to 17 m³
- Single-axle or tandem
- Conical shape ensures deep design and low centre of gravity
- Low loading height
- Different control options
- Spreading width depending on spreader:
from 11 m (Junior), 14 m (Junior XL) to 24 m (MuckControl)



Spreading technology KDS

KDS »junior« Universal spreader

Comprises two vertical rollers with a usable height of 1800 mm and passage width of 1500 mm. The spreading width is approx. 11 m.
Roller diameter: 755 mm



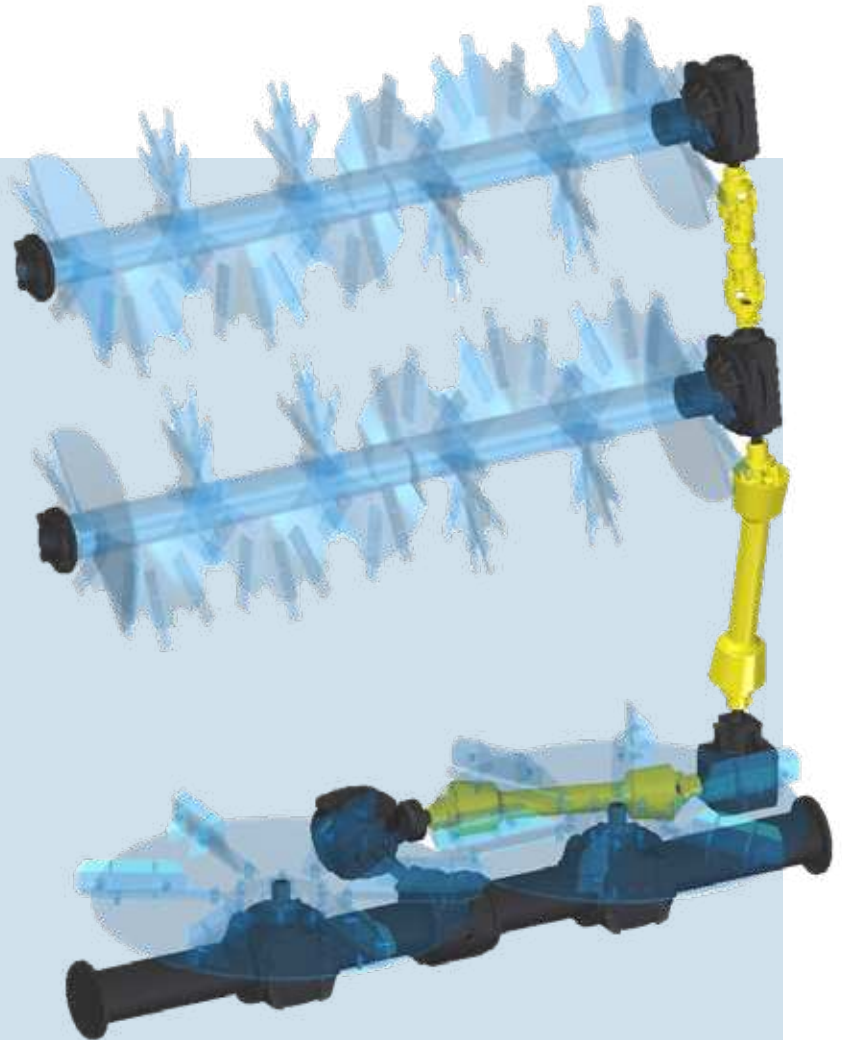
KDS »junior« Universal spreader XL

Comprises two vertical rollers with a usable height of 1800 mm and passage width of 2000 mm. The spreading width is approx. 14 m.
Roller diameter: 1045 mm



KDS »muck control« **varioSPLASH**

Drive train of the horizontal rollers.
Overload protection via ratchet clutch
in drive shaft to tractor.



Wurfschaufelverstellung



The varioSPLASH disc spreader features two large spreading discs, each measuring 1100 mm in diameter and equipped with 6 spreader vanes adjustable perpendicularly to the spreading angle. They feature replaceable plates made from HB 400 steel and safety bolts for individual sensitivity adjustment.

Equipment KDS

Not all equipment options shown are available for all models.



Kleine Kette: **2 Flachstufenketten**



KDS 260: body made from
fine-grain steel



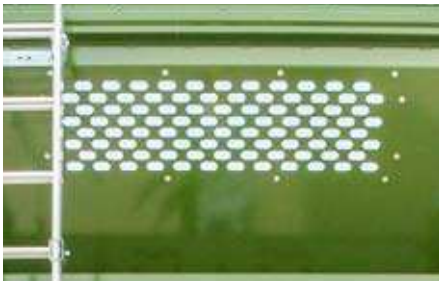
Stone guard



Hydraulically sprung drawbar for bottom attachment. The coupling height can be easily adjusted.



Supporting stand
Adjustable, centrally rearward-folding for maximum stability



Front inspection grille



The **sliding gate** opening scale on the front shows the opening position of the sliding gate.



Easily accessible **chain wheels** which can be lubricated through the shaft on either side



Central lubrication point



Fräswalzenantrieb über Gelenkwelle



Fräswalzenverbindung über Kette (KDS 255)



On KDS tandem and tridem:
chassis guard (manure protection)



Ladder



Folding body attachment



Hydraulic chain tensioning



Edge spreading device
Available as single attachment for left or right, or for both sides.



„Dynamic“ **full-LED rear light** with dynamic indicator made from impact-resistant material



The conveyor floor consists of 2 flat link chains with continuous scraper bars.

Control Technology

Spreading systems Junior, Junior XL, and MuckControl



Spreader Control ISOBUS Control System

Control of all machine functions via the terminal in the tractor. Regulation of the conveyor floor speed based on the entered parameters to achieve a uniform spreading pattern. Integrated counters for operational data collection. Pre-equipped for site-specific application (steering system and additional activations are required).





Mechanical potentiometer
with feed rate adjustment
at front of spreader body



Electric Potentiometer:
Infinitely variable adjustment of the conveyor floor speed via a control unit in the tractor cabin. The control range and resolution can be redefined by the customer or a workshop.



Control Block with Electric Potentiometer and Control Panel:
Operation of hydraulic functions such as the conveyor floor drive, pressure flap, and rear wall. Infinitely variable speed regulation of the conveyor floor via a rotary knob in the tractor cabin. The control range and resolution can be redefined by the customer or a workshop.



Weighing System:
Precise determination of payload. In conjunction with the ISOBUS control system Spreader Control, the controller can regulate the conveyor floor speed based on weight changes.

Chain spreader »muck control«



Optional: electronic speed monitoring

Monitors the speed of the mixing rollers and automatically deactivates the material chain conveyor when necessary to protect the system against damage due to foreign objects.



2 Milling Drums with Rotating Tines

Made of wear-resistant steel, they ensure optimal material breakdown. Welded-in rods act as anti-wrapping protection to facilitate cleaning of the milling drums. The milling drums are cardan-driven and protected against overload.



2 Spreading Discs with 6 Throwing Blades Each

Ensure uniform distribution of spreading materials. The throwing blades are equipped with carbide plates.



Adjustable Rear Wall Tilt:

The inclination and thus the optimal point of the spreading material on the spreading discs can be adjusted using the two spindles on the left and right for the lower part of the rear wall.



Hydraulic tailgate



Conveyor Floor Drive:
Spur gear and hydraulic motor located on the left side in the direction of travel.



Mechanical chain tensioning
Consistent and Even Chain Tension:
This is a fundamental requirement for reliable material transport. The tensioning elements are located at the front of the trough.



2 External Chain Strands:
Made of V2 chain links with a breaking load of 50 tons.



Star-Shaped Sprockets:
Designed for low susceptibility to contamination.

Precision Farming

The combination of the ISOBUS control system Spreader Control, the fully integrated weighing system, and the guidance system enables site-specific, demand-based fertilization.

This saves fertilizer and prevents over-fertilization.



Requirements

- Field record system with a file for the field section.
- Application map with site-specific application rates.
- Tractor with ISOBUS terminal, task controller, and GPS receiver.

Operation

- The guidance system determines the spreader's position in the field.
- The control system compares the application rate assigned to the position with the current application rate.
- If the target (set) and actual amounts do not match, the spreading quantity is automatically adjusted.



Result

- A fully integrated weighing system allows for precise fertilization even with non-homogeneous spreading materials.
- Fully integrated into the ISOBUS control system, the conveyor floor speed is adjusted to the desired application rate based on weight changes.
- Thus, fertilizer is applied exactly as needed, avoiding over-fertilization.

Technical data Single-axle/tandem/tridem chain manure spreader

		KDS 80 Tiefbett	KDS 120 Tiefbett	KDS 140 Tiefbett	KDS 165 Tiefbett
Perm. total weight	kg	8.000	13.000	13.000	13.000
Number of axles		1	1	1	1
Drawbar load	kg	1.000	3.000	3.000	3.000
Net weight	ca. kg	4.000	4.900	5.300	6.100
Body length	mm	1.350 – 1.650	4.500	5.500	6.500
Body width	mm	2350	1.350 – 1.800	1.350 – 1.800	1.350 – 1.800
Loading sill height	mm	1.150	2580	2580	2580
Lateral body height	mm	7,5	1.450	1.450	1.450
Volume	ca. m ³	8,5	10	12	15
Volume, heaped	ca. m ³	12	12	14	17

SPREADING MATERIAL

Parameters for distribution quality of stable manure, compost, chicken dung and digestate

	STABLE MANURE		COMPOST		CHICKEN DUNG		DIGESTATE	
Working width [m]	18	18	10	14	12	22	15	20
Target discharge rate [t/ha]	18	18	10	14	12	22	15	20
Travel speed [km/h]	7,1	3,7	10,3	5,6	12,1	12,1	5,6	3,2
Transverse distribution								
Coefficient of variation (CV) [%]*	14,5 (+)	14,7 (*)	13,9 (+)	14,4 (+)	8,9 (++)	19,3 (o)	7,9 (++)	14,7 (+)
Longitudinal distribution								
Coefficient of variation (CV) [%]**	11,9 (+)	16,7 (o)	8,3 (++)	10,8 (+)	8,4 (++)	8,4 (++)	13,3 (+)	14,1 (+)
Dilation within tolerance zone [%]***	75,9 (++)	62,5 (+)	92,4 (++)	87,4 (++)	91,2 (++)	91,2 (++)	83,2 (++)	69,7 (+)



KDS 270 »muck control« | tandem

- 25 m³ load wall
- Side walls and floor made from fine-grain steel
- Chassis made from robust hollow section frame
- Hydraulically sprung drawbar
- Swivelling traction bar



KDS 80 with Junior spreading unit

- Permissible total weight: 8,000 kg
- Volume: approx. 7.5 m³
- Overrun brake or air brake
- Top or bottom hitch
- Spreader roller protection
- Various tire options available
- Very low design for easy loading and slope stability

KDS 265 Tiefbett	KDS 255 Muck	KDS 260 Muck	KDS 270 Muck	KDS 390 Muck
20.000	18.000	20.000	20.000	29.000
2	2	2	2	3
2.000	2.000	2.000	2.000	2.000
7.800	8.000	8.400	9.500	11.500
6.500	5.500	6.000	7.000	9.000
1.350 – 1.800	2.000	2.150	2.150	2.150
2.600	2.700	3.000	3.100	3.100
1.450	1.200	1.400	1.400	1.400
15	13	20	23	30
17	15	22	25	32

Selecting the Right Spreading System:

The three different spreading systems offer various crushing and spreading characteristics. Depending on the spreading area, the breakdown of the spreading material is an important factor for selecting the appropriate spreading system.

Available spreaders/type

	Spreader Junior	Spreader Junior XL	Wider spreader Muck Control
KDS 80 Tiefbett	✓		
KDS 120 Tiefbett	✓	⊙	⊙
KDS 140 Tiefbett	✓	⊙	⊙
KDS 165 Tiefbett	✓	⊙	⊙
KDS 265 Tiefbett	✓	⊙	⊙
KDS 255 Muck			✓
KDS 260 Muck			✓
KDS 270 Muck			✓
KDS390 Muck			✓



Serienausstattung



Optional

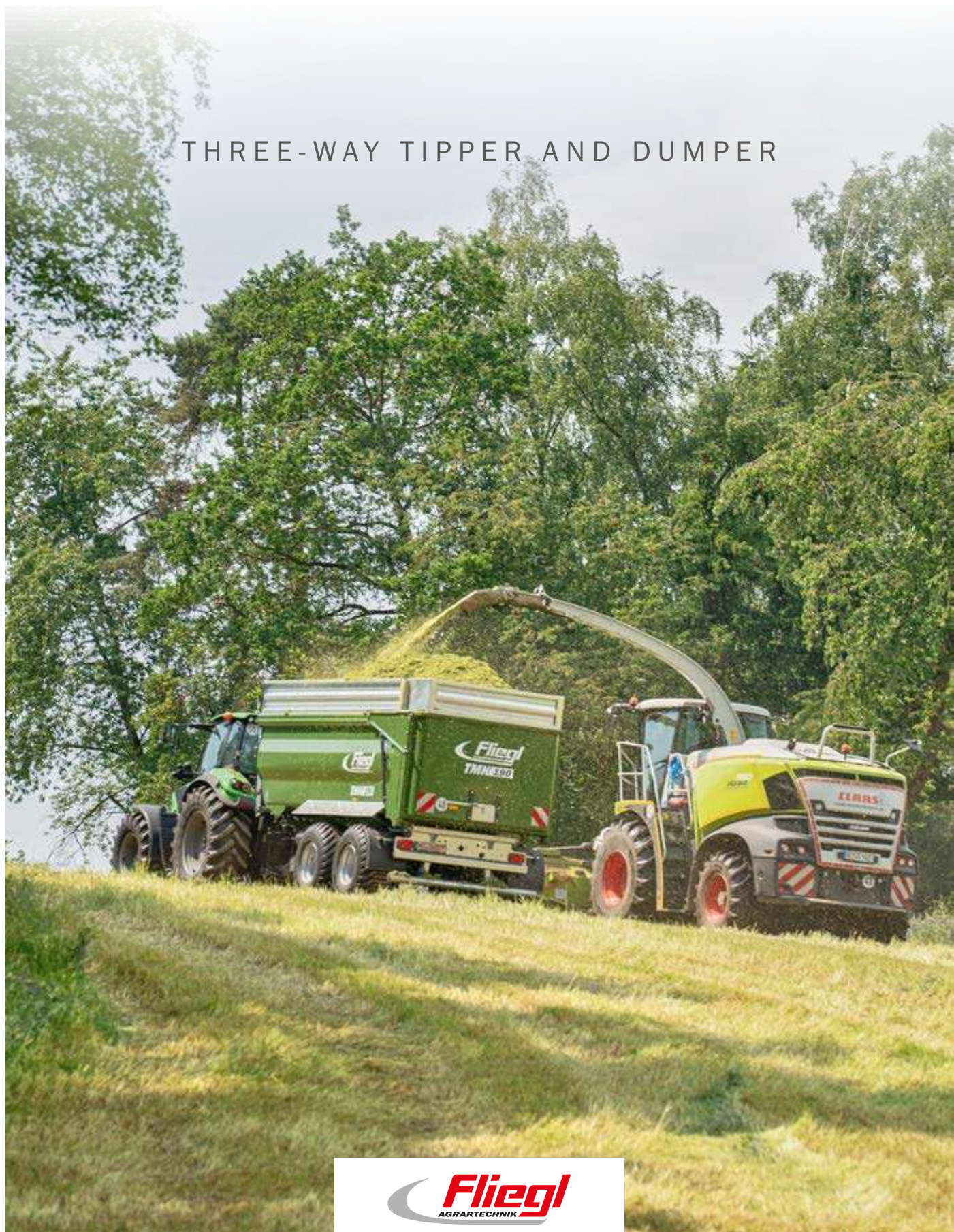
Suitability by Spreading Material

Spreading Material	Spreader Junior	Spreader Junior XL	Spreader Muck
Fresh manure	++	++	+
Rotten manure	+++	+++	++
Poultry manure	++	++	+++
Compost/peat	++	++	+++
Lime	+	+	+++
Sludge	+	+	++

– Not Recommended + Permissible ++ Good +++ Very Good



THREE-WAY TIPPER AND DUMPER



Fliegl
AGRARTECHNIK

WWW.FLIEGL.COM

One-axle three-way tipper

from 2.6 to 8 t total weight



Advantages

- Robust hollow section frame
- Low centre of gravity
- Low net weight
- Nevertheless extremely robust and torsion-resistant
- Galvanised frame
- High stability
- Compact design
- High manoeuvrability
- Large tilt angle
- Available with side wall extensions





EDK 25 with leaf protection top piece

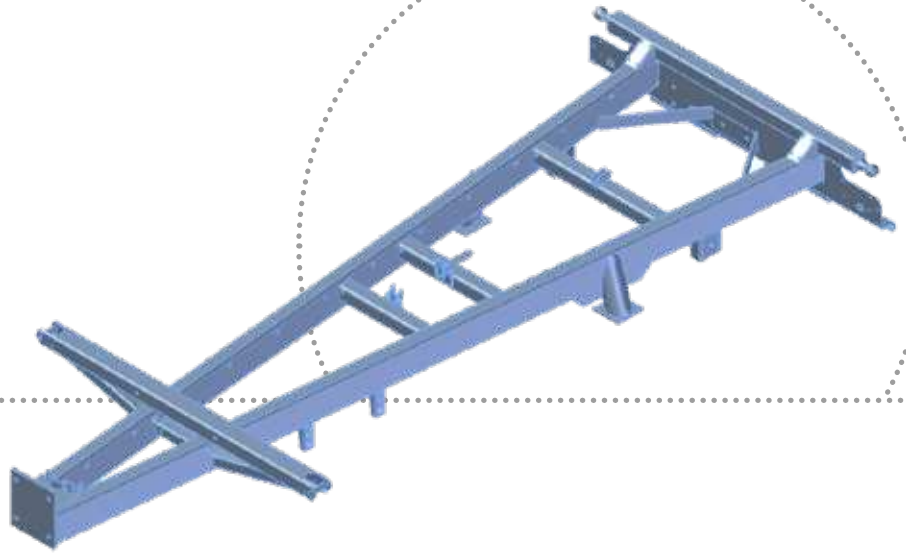


All tipper frames are hot-dip galvanised as standard
...suitable for any tractor size!



Equipment for EDK

Frame:
weight optimised frame for maximum payload



Bridge:
plug-in corner stanchions,
all-round rubber seal in special rubber profile
(starting from EDK 60)



Basic tailgate:
steel tailgates, sandblasted,
primed and powder-coated



2 five-chamber lights with shock-resistant glass

Grain outlet starting from
EDK 40



Large tilt angle

Optional:
body 500 mm with ladder



Large-size axle with wide
track for best stability

Hollow section
frame, galvanised

Heavy-duty support wheel,
folding

Braking systems:
not braked
Parking brake
Overrun brake
Hydraulic brake
Compressed air brake

Two-axle three-way tipper

with total weight from 6 to 18 t



Top chassis!

- Bridge made of high-grade steel - sandblasted, dipcoat primed with two-component coating
- Galvanised, continuously formed frame, made with high-quality fine-grained steel (welded structure)
- Heavy-duty suspension
- Heavy-duty truck type slewing ring
- Galvanised frame optional





DK 180-88 XL

- With centre stanchions
- Parabolic suspension, lubrication-free
- Bridge 5,250 x 2,320 x 800 mm
- Body 600 mm or 800 mm



DK 180-88 Maxum:

- Parabolic suspension, lubrication-free
- Bridge 5,050 x 2,420 x 800 mm
- Body 600 mm or 800 mm



Roll-out tarpaulin with optional platform

Three-axle DDK three-way tipper

with total weight 24 t

- Bridge length: 6.20 m / 7.20 m or 7.80 m
- Accessories: Platform
- Accessories: Tarp frame with roll-out PVC tarp



Advantages

- 3-axle three-way tipper, 24 t total weight with centre stanchion
- Bridge with high-grade steel – sandblasted, dipcoat primed with two-component coating
- Continuous frame (welded structure)
- Heavy-duty suspension, parabolic suspension, lubrication-free
- Heavy-duty, truck type slewing ring
- ALB



DDK 310 three-axe three-way tipper

The grain master! Combines the benefits of a three-axe tipper with the payload and traction of a tridem tipper

Details

- Perm. total weight 31,000 kg
- Bridge: 8200 mm x 2320 mm
- Highly manoeuvrable thanks to three-axe chassis
- Roll-off tarpaulin with optional platform possible
- Tyres: 560/45 R 22.5 possible
- 420 mm x 250 mm grain hatch possible
- Swivelling draw gear for top or bottom attachment
- Lateral potato/beet slide possible



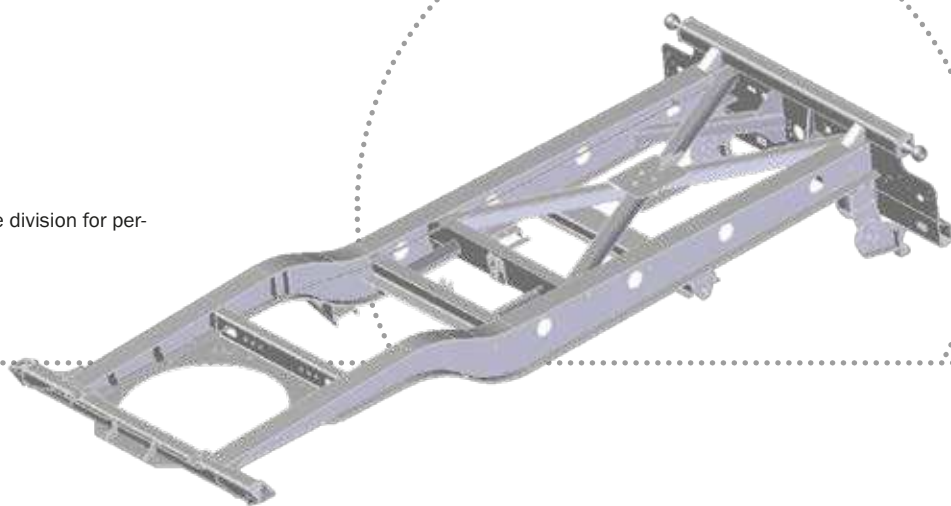
Central locking as STANDARD:
left, right and rear



High tipping angle

DK equipment

Frame:
weight-optimised frame from the utility vehicle division for perfect ground adaptation



Optional: Structure

Bridge:
plug-in corner stanchions, all-steel floor, all-round rubber seal in special profile, bridge frame made with high grade steel sections, torsion-resistant and stable

Basic tailgate:
central locking rear, right and left, steel tailgates sand-blasted, primed and powder-coated



2 five-chamber lights with shock-resistant glass
Optional: LED

Optional:
trailer coupling rear, 8 t or automatic up to 18 t

Rear grain slider



Large tilt angle

Optional:
tarp frame with PVC tarp



Optional:
Body with ladder

Optional:
platform

Optional:
tailgate tension spring

Series:
V-drawbar

Optional:
Y-drawbar

Frame as welded structure

Tandem three-way tipper

from 8 to 20 t total weight



TDK 160 with 1800 mm body
(3 x 600 mm tailgate)



TDK with hydraulic gravel flap 500 mm



Robust flap with 2-cylinder design



Retractable lashing eyes



- Tandem tipper with hollow section frame proven thousands of times over
- Tapered bridge, length starting from 4,500 mm
- Tilt angle (up to 55° possible) for best run-out of any kind of bulk goods
- Robust: tailgates integrated in the automatic and the hydraulic back wall allow grain transport even with the silage body
- Grain slider as standard (except TDK 110 S und 140 S)
- Front viewing grille on silage body as standard
- Extra-large axle gauge ensures outstanding stability on any terrain
- Particularly low platform height
- Side walls can be opened for loading



Silage tipper with hydraulic back wall



40 km/h version with underride guard and mudguards

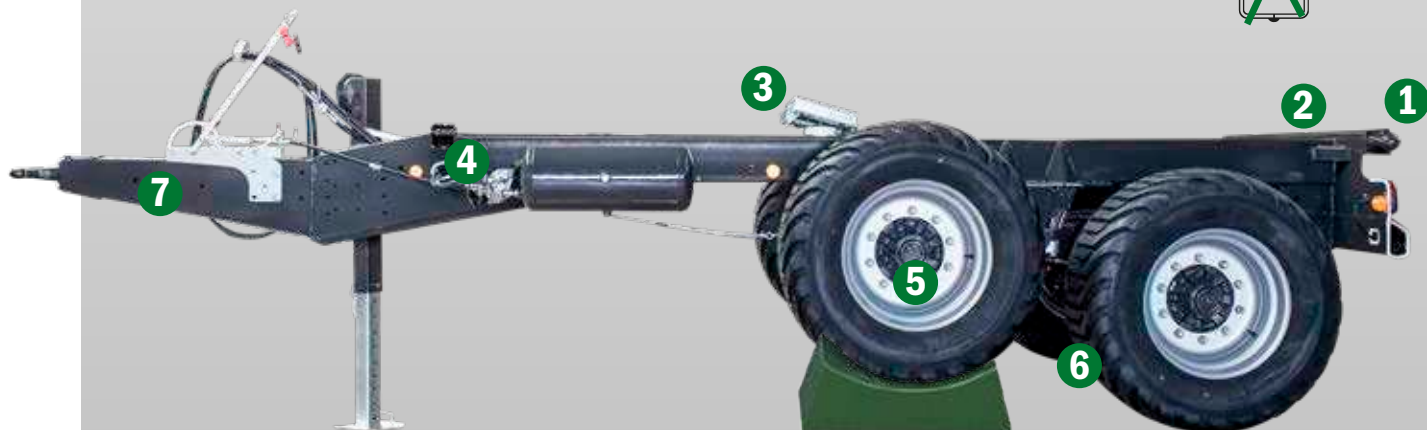
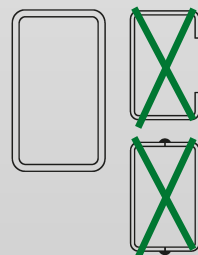


Side wall support

Frame and TDK body

Fliegl tippers starting from the TDK 130 Series are fitted with a durable Titan tandem assembly which has been proven thousands of times over – for optimal ground compensation up to 30 cm.

Unique: The Fliegl wide-gauge chassis for greater stability!



- 1 Large-size tilt ball bearing, extremely wide on the outside, for best stability.
- 2 Continuous, robust tipping cross bar, with extra-wide bearing at the rear.
- 3 Large-size tilt cylinder (gimbal mounting).
- 4 Extra-strong hollow section frame: (no welded U-profiles) ensures maximum stability (absolute torsion-resistance), so no warping is possible.
- 5 Heavy-duty axles with plenty of reserve.
- 6 Extra-large track width for unparalleled stability on challenging terrains.
- 7 Swivelling drawbar for top or bottom hitch.



Gigant tandem assembly - parabolic suspension



Titan tandem assembly for best ground adaptation, lubrication and maintenance free.



Perfection already at production!

- Steel tailgates - sandblasted, primed and powder-coated
- Basic tailgate starting from 4.5 m, extra reinforcement with socket pipes

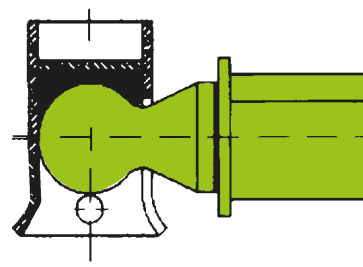
Extremely robust body for the toughest jobs...

- ① Heavy-duty corner stanchions.
- ② Adjustable tailgate tightener (option).
- ③ Heavy-duty cross bridge for optimal overloading weight.
- ④ Additional hard rubber cushion.
- ⑤ Heavy-duty bridge frame for extreme torsion resistance.



Absolutely secure!

- Tilt ball bearing at rear
- Two ball sockets with polyamide inlay on tempered ball heads, noise-absorbing, maintenance-free, low-wear, and centred exactly.
- The pivot pins are made so that any crossover points are excluded.



TDK equipment

Optional:
Hydraulic back wall
with integrated tailgates

• Bridge (tapered):

• Plug-in corner stanchions, steel floor,
• all-round rubber seal in special profile

• Basic tailgate:

• Socket pipe, central locking rear, right and left, tight-
ening strap, steel tailgates sandblasted, primed and
powder-coated



2 Fünfkammerleuchten mit schlagfestem 2 five-chamber
lights with shock-resistant glass
Optional: LED Glas

Grain outlet

Optional structural items available

Large tilt angle



Optional:
grating front panel as standard
in connection with hydr. back wall

Optional:
body with ladder



DIN drawbar eye 40 mm

Traction bar without
suspension, swivelling for
top or bottom hitch

Profi frame galvanised

Tandem chassis, "Titan" tandem
vehicle assembly with parabolic
suspension

Available:
Heavy-duty support wheel, folding
• Support leg with 2 speeds,
• Hydraulic support leg

Technical data Three-way tipper EDK | DK | DDK

One-axle three-way tipper

		EDK 20	EDK 25	EDK 40
Total permitted weight:	kg	2.250	2.750	4.000
perm. drawbar load	approx. kg	250	250	1.000
Bridge size inside L	approx. mm	2.000	2.500	3.000
Bridge size inside W	approx. mm	1.200	1.500	1.600
Tailgate height	approx. mm	400	400	400
Bridge tapered				
Platform height approx. 1)	mm	720	800	850
Track width	mm	1.000	1.250	1.350
Tyres 2)		10/75/15	10/75/15	10/75/15
Tilt cylinder stroke	mm	900	900	900
Required oil quantity	approx. ltr.	4	4	7
Rear central locking				Serie
Side central locking				

Two-axle three-way tipper

		DK 60	DK 80	DK 110-88	DK 140-88
Total permitted weight:	kg	6.000	8.000	11.000	14.000
Bridge size inside L	approx. mm	4.000	4.500	4.500	4.500
Bridge size inside W	approx. mm	2.000	2.220	2.220	2.220
Tailgate height	approx. mm	500	500	500	500
Bridge tapered			Serie	Serie	Serie
Platform height approx. 1)	mm	1.050	1.200	1.250	1.300
Track width	mm	1.650	1.850	1.850	1.850
Tyres 2)		10/75/15	11,5/15	12,5/80/18	385/65/22,5 RE
Tilt cylinder stroke	mm	1.500	1.850	1.850	1.850
Required oil quantity	approx. ltr.	12	14	14	16,5
Rear central locking		Serie	Serie	Serie	Serie
Side central locking		Serie	Serie	Serie	Serie
Centre stanchions					



2)

1) depending on version and in the loaded state
 other tyres on request
 Other special equipment on request

EDK 50	EDK 60	EDK 65	EDK 80 -4000	EDK 80 -4500
5.500	6.000	6.000	8.000	8.000
1.000	1.000	1.000	1.000	1.000
3.500	4.000	4.000	4.000	4.500
1.800	2.000	2.200	2.200	2.200
400	500	500	500	500
				Serie
880	980	1.050	1.180	1.180
1.450	1.650	1.850	1.850	1.850
11,5/15	15/55/17	12,5/80/18	385/65/22,5 RE	385/65/22,5 RE
1.200	1500	1.500	1.500	1.850
7	12	12	12	14
Serie	Serie	Serie	Serie	Serie
	Serie	Serie	Serie	Serie

Three-axle three-way-tipper

DK 160	DK 140-88-5	DK 180-88	DK Max. 180-88	DDK 240-6,20	DDK 240-7,20	DDK 240-7,80
16.000	14.000	18.000	18.000	24.000	24.000	24.000
4.500	5.000	5.150	5.050	6.200	7.200	7.800
2.320	2.320	2.420	2.420	2.320	2.320	2.320
800	600	800	800	800	800	800
Serie	Serie					
1.300	1.300	1.350	1.350	1.400	1.400	1.400
1.850	1.850	1.950	1.950	1.950	1.950	1.950
385/65/22,5 RE	385/65/22 RE	385/65/22,5 RE	385/65/22,RE	385/65/22,5 RE	385/65/22,5 RE	385/65/22,5 RE
1.850	2.150	2.000	2.000	2.250	2.250	2.500
16,5	20	28	28	35	35	40
Serie	Serie	Serie	Serie	Serie	Serie	Serie
Serie	Serie	Serie	Serie	Serie	Serie	Serie
		Serie		Serie	Serie	Serie



EASY COVER – THE ULTIMATE ROLL TARP, NOT JUST FOR GRAIN TRANSPORT

- Closable from the ground in just a few seconds.
- Suitable for transporting grain, potatoes, and other agricultural products.
- Compatible with transfer trailers, two-axle and three-axle three-way tippers, as well as tandem and tridem dump trailers.

Technical data TDK

Tandem three-way tipper

		TDK 80	TDK 80-88	TDK 110-88
Total permitted weight	kg	8.000	8.000	11.000
perm. drawbar load	approx. kg	1.000	1.000	2.000
Net weight	approx. kg	1.800	1.950	2.250
Bridge size inside L	approx. mm	4.000	4.500	4.500
Bridge size inside W	approx. mm	2.200	2.220	2.220
Tailgate height	approx. mm	500	500	500
Bridge tapered			Serie	Serie
Platform height approx. 1)	mm	1.150	1.150	1.180
Track width	mm	1.850	1.850	1.850
Tyres 2)		11,5/15	11,5/15	12,5/80/18
Tilt cylinder stroke	mm	1500	1.850	1.850
Required oil quantity	approx. ltr.	12	14	14
Rear central locking		Serie	Serie	Serie
Side central locking		Serie	Serie	Serie

Tandem three-way tipper with hydr. gravel flap

		TDK 110 S	TDK 140 S	TDK 160 S
Total permitted weight	kg	11.000	14.000	16.000
perm. drawbar load	approx. kg	2.000	2.000	2.000
Net weight	approx. kg	2.550	3.600	3.800
Bridge size inside L	approx. mm	4.500	4.500	5.000
Bridge size inside W	approx. mm	2.320	2.320	2.320
Tailgate height	approx. mm	500	500	600
Bridge tapered				
Platform height approx. 1)	mm	1.180	1.300	1.300
Track width	mm	1.850	1.850	1.850
Tyres 2)		19/45-17 14 PR	355/60 R18	385/65/22,5
Tilt cylinder stroke	mm	1.850	1.850	2.150
Required oil quantity	approx. ltr.	14	16,5	20
Rear central locking		Serie	Serie	Serie
Side central locking		Serie	Serie	Serie

1) depending on version and in the loaded state

2) other tyres on request

Other special equipment on request

TDK 140-88	TDK 160	TDK 200	TDK 200XL
14.000	16.000	20.000-21.000	20.000-23.000
2.000	2.000	2.000	2.000
3.300	3.500	4.400	4.600
4.500	5.000	5.000	5.150
2.220	2.320	2.320	2.320
500	600	600	800
Serie	Serie	Serie	Serie
1.300	1.300	1.350	1.350
1.850	1.850	2.050	2.050
15/70/18	385/65/22,5 RE	385/65/22,5 RE	385/65/22,5 RE
1.850	2.150	2.150	2.150
16,5	20	28	28
Serie	Serie	Serie	Serie
Serie	Serie	Serie	Serie



TMK dumper

Fliegl dumpers are distinguished by their greater diversity, innovative details with know-how from the Fliegl utility vehicle production, and customised versions for special applications.



With tapered body for complete emptying



Mechanically folding protective grating



standard starting from TMK 256:
hydraulic drawbar suspension and drop
support leg, mechanical



Galvanised body, folding

Other advantages:

- Low net weight for more loading capacity
- Unique Fliegl wide-gauge chassis for best stability
- Titan tandem assembly proven thousands of times over, for optimal ground compensation up to 30 cm
- Various assemblies available
- Heavy-duty, powerful underride guard with protected lighting

TMK Potato

- Body height 1250 mm
- Jumbo chassis
- Body length 6.60 m
- Large grille with removable inspection panel



Long overhang at TMK Potato
Filling bunkers



- Pull-out ladder
- Series: front inspection window



TMK 264 with 800 mm extension



For gravel and soil transport:
TMK 130S

Dumper TMK Profi

With round front wall and volume rear flap starting from TMK 264

More volume thanks to compact shape and short frame design



Roll-off tarpaulin can be operated from the ground, only possible in conjunction with a 400 mm aluminum body.

Dumper TMK Profi 279 and 386



TMK 279

Details

- Body size: 8600 mm (7900 mm at TMK 279) x 2,320/2220 mm (conical) x 1750 mm incl. front wall bevelling and large rear wall
- Air suspension or hydraulic suspension possible
- Low centre of gravity due to special frame construction
- TopLift light load securing system, mounted on body extension 500
- Various body attachments (400, 500 or 600 mm possible)
- Hydraulically sprung drawbar for bottom hitching
- Tyre size 710/50 R 30.5" possible

Heavy-Duty Dumper TMK S

TMK 200 S XL*



Hydraulic rear door from TMK 200 S XL onwards. Galvanized foldable structure.



3 pairs of recessed lashing rings in the floor (for models TMK 130 S to TMK 200 S XL).



Generous tipping angle.



TMK 200 S*

* Images show special paintwork; standard paintwork is dark green.



Gravel flap on models TMK 130 S and TMK 200 S.



Heavy-duty frame for exceptional torsional stiffness.



Reinforcement profiles bent and rounded from a single piece.

TMK 266 S

The all-rounder for transport
(grain/silage, gravel, etc.)



Details

- Half-pipe body made of high-strength steel S 700 MC.
- Side-folding extension, 500 mm.
- Tire size: 650/55 R 26.
- TMK 266 S Profi: Low center of gravity due to Jumbo axle Gigabo Plus.
- TMK 375 S Profi: Hydraulic suspension.
- Hydraulically cushioned drawbar.
- Swivel drawbar for upper or lower hitching.

TMK 375 S Profi



For TMK 266 S and 375 S:
Includes grain slider.



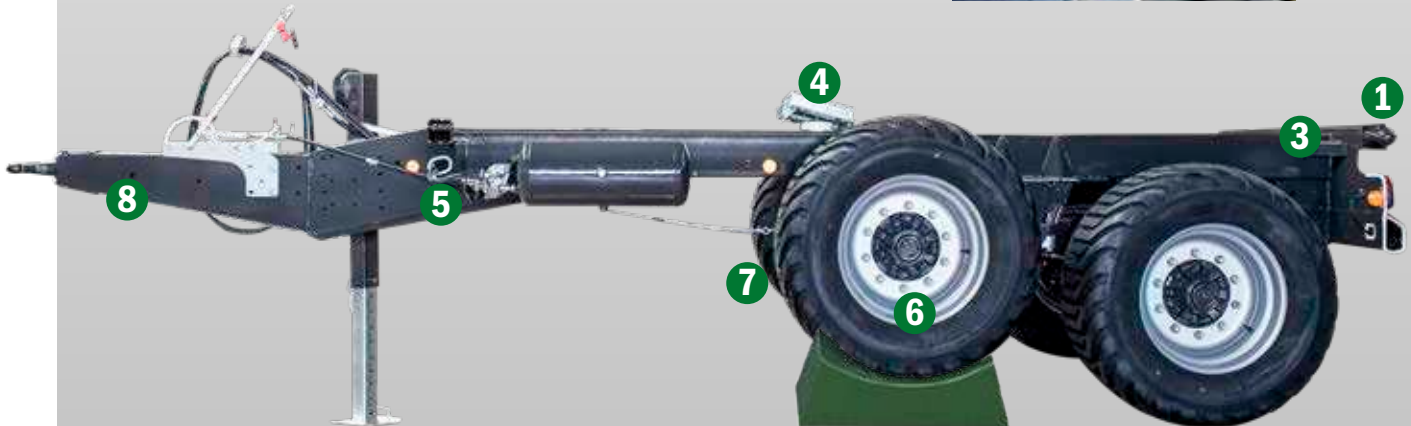
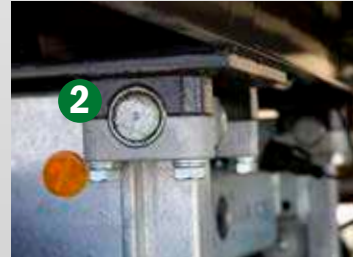
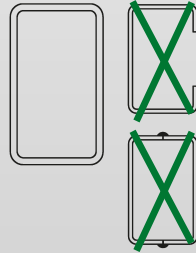
Hydraulically cushioned drawbar.



TMK frame and body

Unique:

The Fliegl wide-gauge chassis for greater stability!



- 1 Large size tilt ball bearing up to body size 5.15 m for optimum stability.
- 2 All Bull bodies and dumpers starting from TMK 256 have a heavy-duty tilt bearing mounted directly on the frame
- 3 Continuous, robust tipping crossbar, extra-wide bearing at the rear.
- 4 Large-size tilt cylinder (gimbal mounting).
- 5 Specially strong hollow section frame: (no U-sections welded together) ensure maximum stability (absolute torsion resistance), so warping of the frame is not possible.
- 6 Heavy-duty axles with plenty of reserve.
- 7 Extra-large track width for unparalleled stability on challenging terrains.
- 8 Swivelling drawbar for top or bottom hitch.



Always variable – the Fliegl Profi frame!

- Standard starting from TMK 140
- Swivelling drawbar for top or bottom hitch
- Drawbar with suspension (standard starting from TMK 256 body length 5650 mm)



- ❶ Heavy-duty cross bridge for optimal overloading weight
- ❷ Heavy-duty bridge frame for extreme torsion resistance
- ❸ Reinforcement sections edged and rounded from one piece
- ❹ Side walls shaped from one piece
- ❺ Large tilt angle



Gigant tandem assembly (TMK 200 starting from 5.65 m body length)



Tandem assembly "Gigant Plus"



Titan tandem assembly for best ground compensation.

TMK equipment

Optional:
body top piece

Body:
tapered, all steel

2 five-chamber lights with shock-resistant glass
Optional: LED

Grain outlet



Large-sized tilt angle

ca. 55°

Hydraulic back wall

Series:
inspection window and ladder

Kugelkopf

Profil frame galvanised
Swivelling drawbar for top
and bottom hitch

Technical data

One-axle/tandem/tridem dumper

Heavy-duty dumper

TMK 130 S		
Total permitted weight:	kg	13.000-14.000
perm. drawbar load	kg	4.500
Body inside length	mm approx.	2.300
Body inside width	mm approx.	500
Bridge tapered		1.250
Platform height approx.	mm	1.850
Track width	mm	15/70-18 16 PR
Tyres		1.850
Tilt cylinder stroke	mm	16,5
Required oil quantity approx..	l	yes
Hydraulic back wall		
Grain slider		

One-axle dumper

		EMK 80	EMK 110
Total permitted weight including perm. drawbar load	kg	8.000	11.000
Body inside length	mm approx.	4.650	4.650
Body inside width	mm approx.	2.320	2.320
Body inside height	mm approx.	1.300	1.300
Bridge tapered		yes	yes
Platform height approx.	mm	1.300	1.300
Track width	mm	1.850	2.050
Tyres		385/65-22,5 RE	385/65-22,5 RE
Tilt cylinder stroke	mm	1.850	1.850
Required oil quantity approx..	l	15	15
Hydraulic back wall		yes	yes

Tandem dumper

		TMK 200-5,15	TMK 256	TMK 264
Total permitted weight including perm. drawbar load	kg	20.000 - 21.000	20.000 - 23.000	20.000 - 24.000
Body inside length	mm approx.	4.100	4.550	5.200
Body inside width	mm approx.	5.150	5.650	6.400
Body inside height	mm approx.	2.320	2.320	2.320
Bridge tapered		1.500	1.500	1.500
Platform height approx.	mm	yes	yes	yes
Track width	mm	1.300	1.400	1.400
Tyres		2.050	2.050	2.050
Tilt cylinder stroke	mm	385/65-22,5 RE	385/65-22,5 RE	385/65-22,5 RE
Required oil quantity approx..	l	2.150	2.455	2.455
Hydraulic back wall		28	28	32
Hydraulische Rückwand		yes	yes	yes

TMK 200 S	TMK 200 S XL	TMK 266 S PROFI	TMK 375 S PROFI
20.000-21.000	20.000-21.000	20.000-22.000	30.000-31.000
5.000	5.000	6.500	7.500
2.300	2.300	2.220	2.220
900	900	1.650	1.650
1.300	1.300	1.500	1.500
2.050	2.050	2.050	2.050
385/65-22,5 RE	385/65-22,5 RE	650/55 R 26.5	650/55 R 26.5
2.150	2.150	2.950	3.400
28	28	35	39
yes			
	yes	yes	yes
		yes	yes

TMK 80	TMK 110	TMK 140	TMK 160	TMK 190
8.000	11.000	14.000	16.000	19.000
4.650	4.650	4.650	5.150	5.950
2.320	2.320	2.320	2.320	2.320
1.300	1.300	1.300	1.500	1.500
yes	yes	yes	yes	yes
1.100	1.100	1.250	1.250	1.250
1.850	1.850	2.000	2.000	2.000
12,5/80 -18	12,5/80 -18	385/65-22,5 RE	385/65-22,5 RE	550/60-22,5 16 PR
1.850	1.850	1.850	2.150	2.150
15	15	16,5	20	20
yes	yes	yes	yes	yes

Tridem dumper

TMK 269	TMK 273	TMK 279	TMK 373	TMK 378	TMK 386
20.000 - 24.000	21.000 - 24.000	23.000 - 24.000	29.000 - 33.000	29.000 - 33.000	33.000 - 34.000
5.600	5.800	6.000	6.200	6.350	6.750
6.900	7.400	7.900	7.400	7.900	8.600
2.320	2.320	2.320	2.320	2.320	2.320
1.500	1.500	1.500	1.500	1.500	1.500
yes	yes	yes	yes	yes	yes
1.400	1.400	1.400	1.400	1.400	1.400
2.050	2.050	2.050	2.050	2.050	2.050
385/65-22,5 RE	385/65-22,5 RE	710/50 R 30.5	385/65-22,5 RE	385/65-22,5 RE	650/55 R 26.5
2.950	3.400	3.400	3.400	3.400	3.400
35	39	39	39	39	39
yes	yes	yes	yes	yes	yes



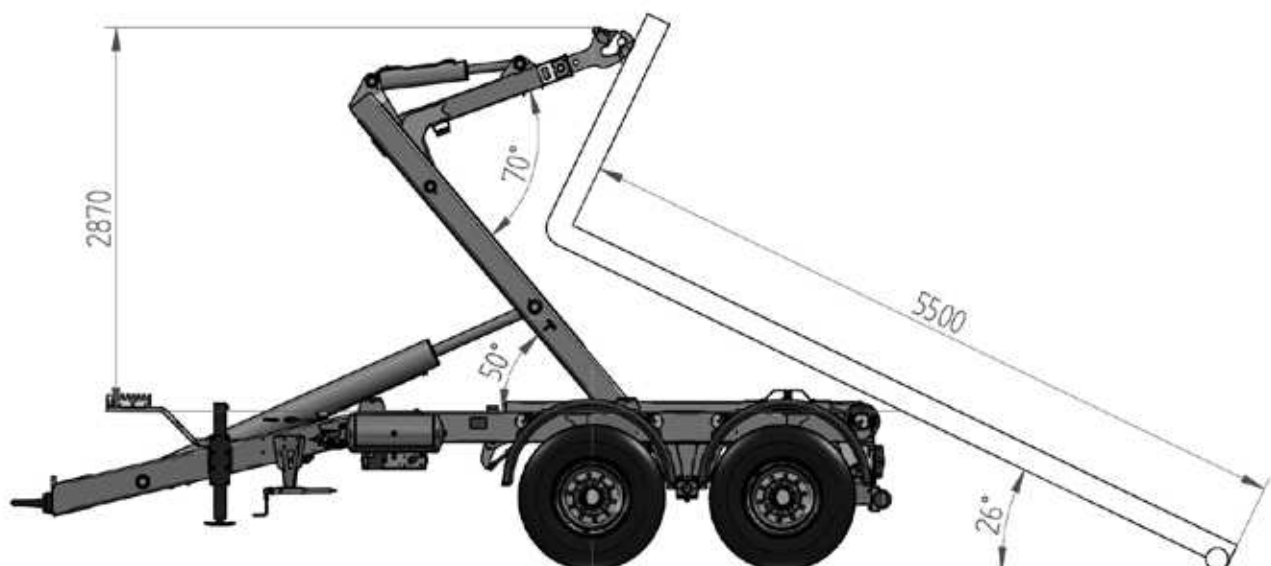
TRANSPORT TECHNOLOGY



WWW.FLIEGL.COM

Hook lift system

Tandem roll-off tipper HKL 18





Hook-lift system

Tandem roll-off tipper HKL 22



Rear prepared for trailer coupling, hydraulic lines, and air connections.

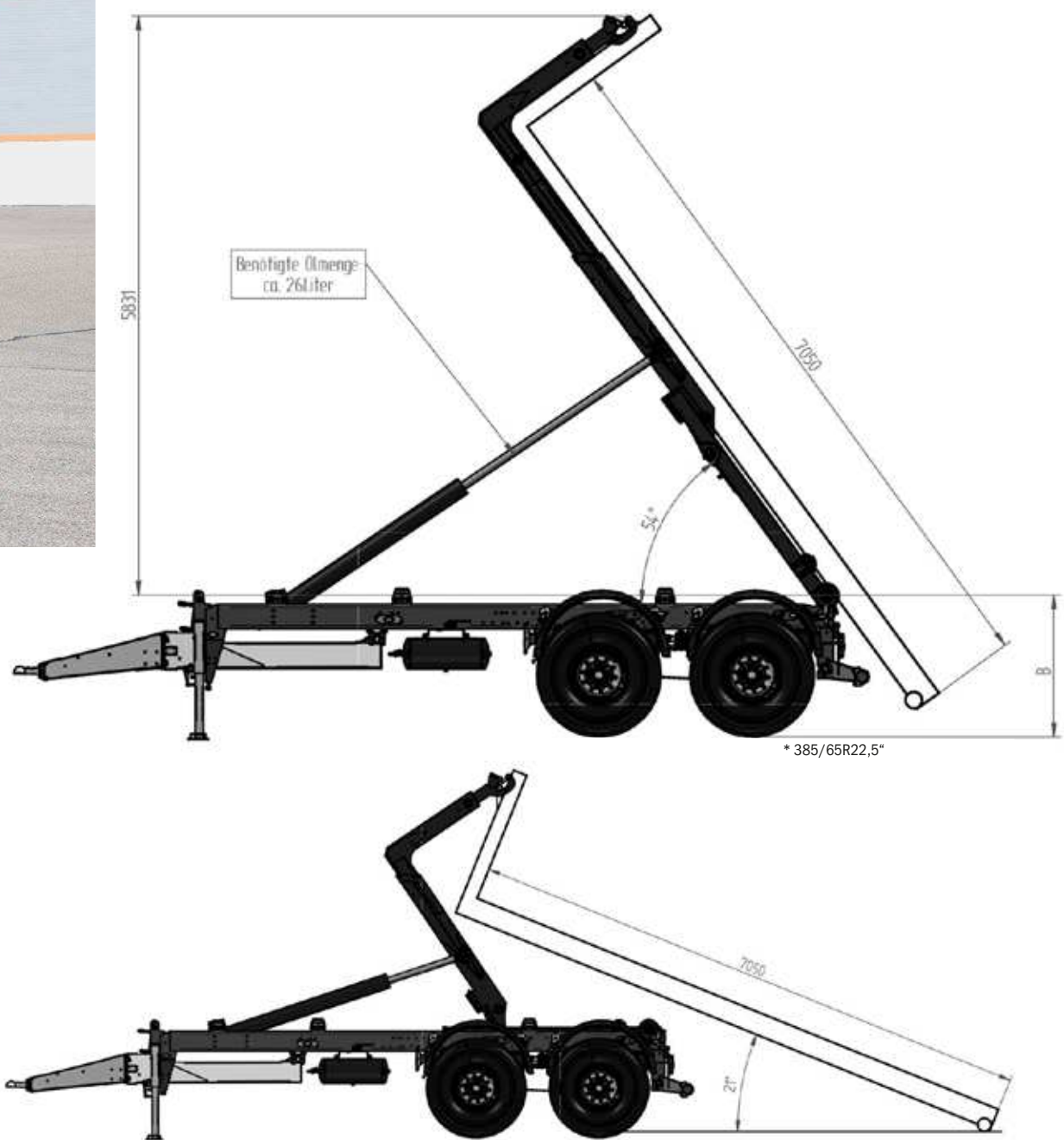


Air suspension unit for perfect driving comfort with automatic tipping height reduction for optimal stability.

Permissible total weight: 20,000 kg – 24,000 kg

Container lengths from 4,500 mm to 7,050 mm

Support height*: approx. 1,330 mm



Hook-lift system

Tandem roll-off tipper HKL 22 Jumbo

Permissible total weight: 20,000 kg – 22,000 kg

Container lengths from 4,500 mm to 7,050 mm

Support height*: approx. 1,290 mm with 560/60R22.5" tires





Thanks to the special JUMBO air suspension, a low support height can be ensured.



Hook-lift system

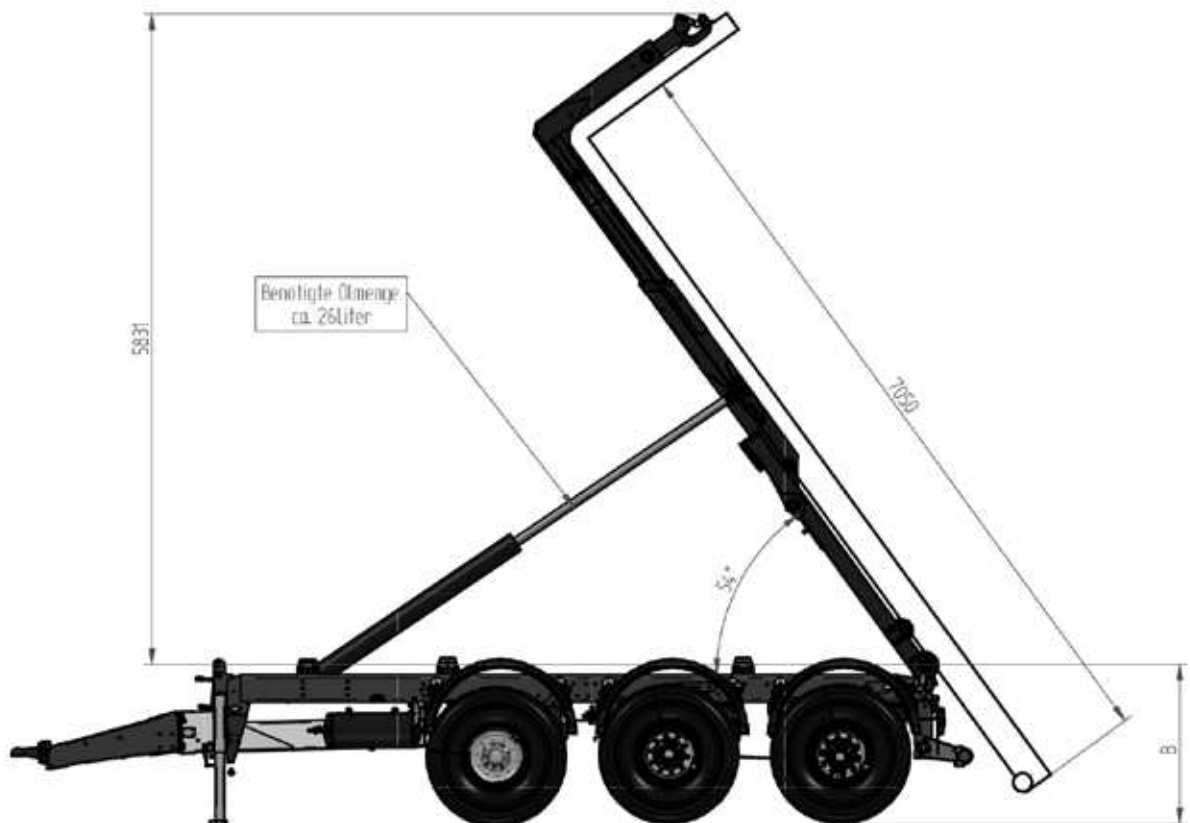
Tridem roll-off tipper HKL 29



Permissible total weight: 29,000 kg – 31,000 kg

Container lengths from 4,500 mm to 7,050 mm

Support height*: approx. 1,330 mm with tires 385/65R22.5"



From container to slurry tank – everything under control.

With just one hook-lift chassis, a wide variety of containers – including original push-off containers from Fliegl and even large slurry tanks – can be transported. This saves both time and costs. The vehicle is particularly suitable for operations where containers need to be filled while stationary.

THE PUSH-OFF CONTAINER

COMPACT DESIGN

- Push-off container 5800 mm
- Push-off container 6800 mm
- Push-off container 7800 mm



THE ROLL-OFF CONTAINER

With hydraulic tailgate

AVAILABLE IN 2 SIZES:

- Roll-off container 5150 mm
- Roll-off container 5650 mm



TANK SUPERSTRUCTURES

VERFÜGBAR IN 5 GRÖSSEN:

- Tank superstructure 7,500 liters
- Tank superstructure 10,600 liters
- Tank superstructure 12,000 liters
- Tank superstructure 14,000 liters
- Tank superstructure 16,000 liters





TANK SUPERSTRUCTURES FROM STAPEL – FLEXIBLE, ROBUST, AND VERSATILE IN USE

Whether in municipal operations or agriculture, the tank superstructures from STAPEL offer the right solution for every application. Thanks to the modular system, the tanks can be quickly and efficiently mounted on and exchanged between different carrier vehicles with hook-lift systems. With proven STAPEL quality, well-engineered technology, and robust design, the hook-lift tanks impress with high flexibility, easy handling, and long service life – ensuring efficient performance in every situation.





Platform trailer

tandem, two-axle and three-axle trailer with total weight from 8 t to 24 t.

Switch the loading side simply by releasing and fixing the safety bolt

Non-slip loading surface

Wechseln der Ladeseite durch einfaches Lösen und Fixieren der Sicherungsbolzen



DPW 210 Ultra with open load securing



DPW 210 Ultra with closed load securing, Opening is possible on the right or left.

		ZPW 80	ZPW 100	ZPW 140	ZPW 180
Total permitted weight	kg	8.000	10.000	14.000	18.000
Bridge length	mm	5.400 – 8.200	5.400 – 8.200	5.400 – 8.200	5.400 – 8.200
Bridge width	mm	2.480	2.480	2.480	2.480
Tyres		15/55-17	12,5/80-18	385/65-22,5 RE	385/65-22,5 RE

		ZPW 120 B	DPW 180B	ZPW 160 BL	DPW 240 BL	DPW 210 BL Ultra
Total permitted weight	kg	12.000	18.000	16.000	24.000	21.000
Bridge length	mm	6.900	9.900	6.900	9.900	9.900
Bridge width	mm	2.480	2.480	2.480	2.480	2.480
Tyres		12,5/80-18	12,5/80-18	385/65-22,5 RE	385/65-22,5 RE	385/65-22,5 RE

		DPW 240	TPW 100	TPW 140	TPW 180
Total permitted weight	kg	24.000	10.000	14.000	18.000
Bridge length	mm	6.900 – 9.900	5.400 – 8.200	5.400 – 8.200	6.900 – 8.200
Bridge width	mm	2.480	2.480	2.480	2.480
Tyres		385/65-22,5 RE	235/75 R 17,5	385/65-22,5 RE	385/65-22,5 RE

		2-axles plateau semitrailer SZS 300 BL Ultra			
Total permitted weight	kg	29.000 (Assumed fifth wheel load: 11.000 kg)			
Bridge length	mm	13.000			
Bridge width	mm	2.480			
Tyres		385/65-R22,5 New			



2-axles plateau semitrailer
SZS 300 BL Ultra



Bale transport trailer ZPW 120



Bale grid for type DPW 180 B as standard
Optional: rear extension (1200 mm)



Optional: bale grid, straight

Plattformanhänger TPA

mit Auffahrampen



In Serie: Staukasten



Auffahrampen und Brückenboden aus Weichholz



Stützfuß mechanisch



In Serie: Auffahrampen hydraulisch



Brücke hinten auf ca. 900 mm abgeschrägt



Heckabstützung mit 2 Fallstützen



Optional: Ballengitter für Quaderballen



Optional: Ballengitter für Rundballen



TPA 200

zul. Gesamtgewicht	kg	20.000
Brückenlänge	mm	10.000
Brückenbreite	mm	2.480
Plattformhöhe ca.	mm	850
Bereifung	235/75 R 17.5	

Overloading trailer »VARIO«



Additional equipment options

- Rolling tarp operated from the ground
- Cardan shaft on one side, wide angle with friction clutch on tractor side
- FWS ISOBUS weighing device with printer
- Rear steering axle (starting from tandem)
- Fliegl Tracker system
- Overloading rate up to 10t/min.

Benefits

- Threshing efficiency is raised by up to 30%
- No harvester downtimes
- Perfect transport records with the Fliegl Tracker system

Volume	approx. m ³
Total technical weight in the field	kg
Overloading height depending on tyres	approx. mm
Power requirement	HP
Tyres, others available as option	
Ø screw conveyor	mm
Overloading rate	t/min.

ULW 30 with 30 m³ volume

ULW 25 single-axe	ULW 25 tandem	ULW 30 tandem	ULW 40 tridem	ULW 45 tridem
25	25	30	40	45
16.000	26.000	26.000	34.000	34.000
4.300	4.300	4.300	4.300	4.300
from 120	from 160	from 200	from 250	from 300
710/50-30,5	550/60-22,5	600/55-26,5	600/55-26,5	650/55R26,5
420	420	420	420 / 520	420 / 520
7,5	7,5	7,5	7,5 / 10	7,5 / 10

Cattle transport trailer TTW »NOAH«

Greater safety for livestock transport



Drift fence



Chequer plate floor for animal safety



Access doors front right as standard

TTW140 lowered



The TTW 140 Tandem Noah livestock transport trailer has a total length of 8.3 m

Benefits

- More safety for livestock transport with the non-slip checker plate floor
- Easier and gentler entry and exit for the animals with the hydraulic lifting gear
- Optionally with cover tarp
- 2-circuit compressed air with manual control
- Rubber floor (optional)
- Adjustable grid to separate individual animals
- 25km/h version with TÜV for Germany

		TTW 100	TTW 140
Total permitted weight	kg	10.000	14.000
Tongue load	kg	2.000	2.000
Bridge	mm	6.300 x 2.200 x 1.500	8.300 x 2.200 x 1.500
Tyres		385/55-R19,5	385/55-R19,5
Chassis		Einachs	Tandem

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Dimensions, weights, and technical data are subject to modification.

Some illustrations show special equipment.

Full catalogue 11-2025



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