

ASW PUSH-OFF TRAILER

NOVEMBER 2024

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.





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

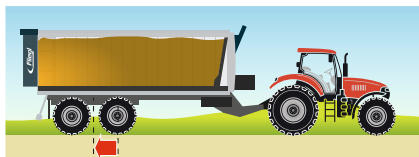
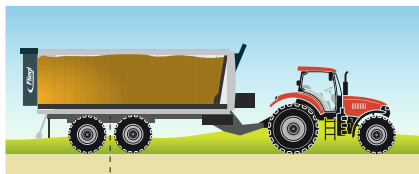
ASW Compact



		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. m ³	20	20	28 (*bei 2m)
Fill volume with compression with grass silage	approx. m ³	30	30	39 (*bei 2m)
Required oil quantity	litre	12	12	13



The Fliegl movable axle mechanically



Titan tandem assembly



Drawbar unprung, 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	2.000-3000	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

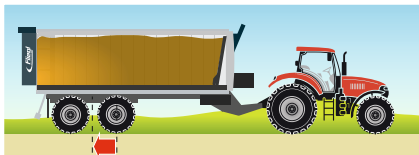
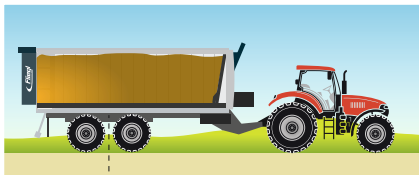
ASW Gigant



		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. m ³	28 (*bei 2m)	30 (*bei 2m)
Fill volume with compression with grass silage	approx. m ³	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



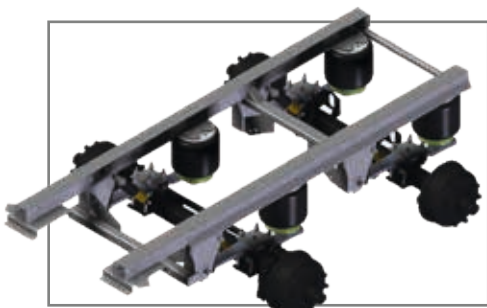
FWS ISOBUS weighing system

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

- 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



Air suspension

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



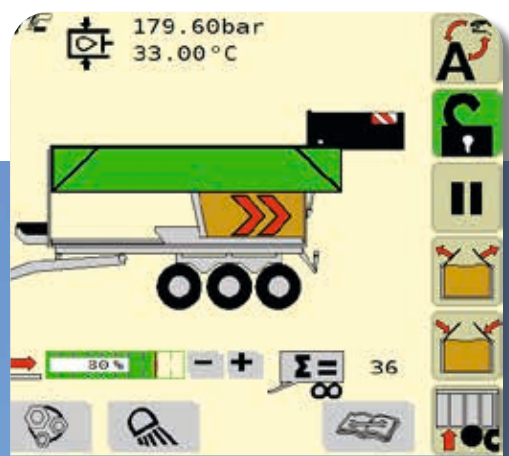
300 mm aluminium extensions



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

Cover Systems



“SPEEDCOVER” COVERING NET



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

Winds up by spring tension

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



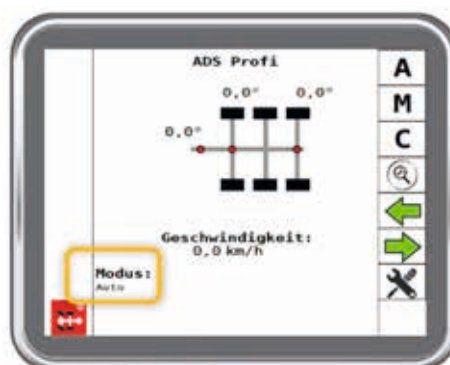
STEER X:

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.

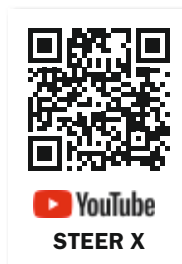


Even at higher speeds and unpredictable manoeuvres, the steering behavior adapts optimally and ensures a high level of driving stability.

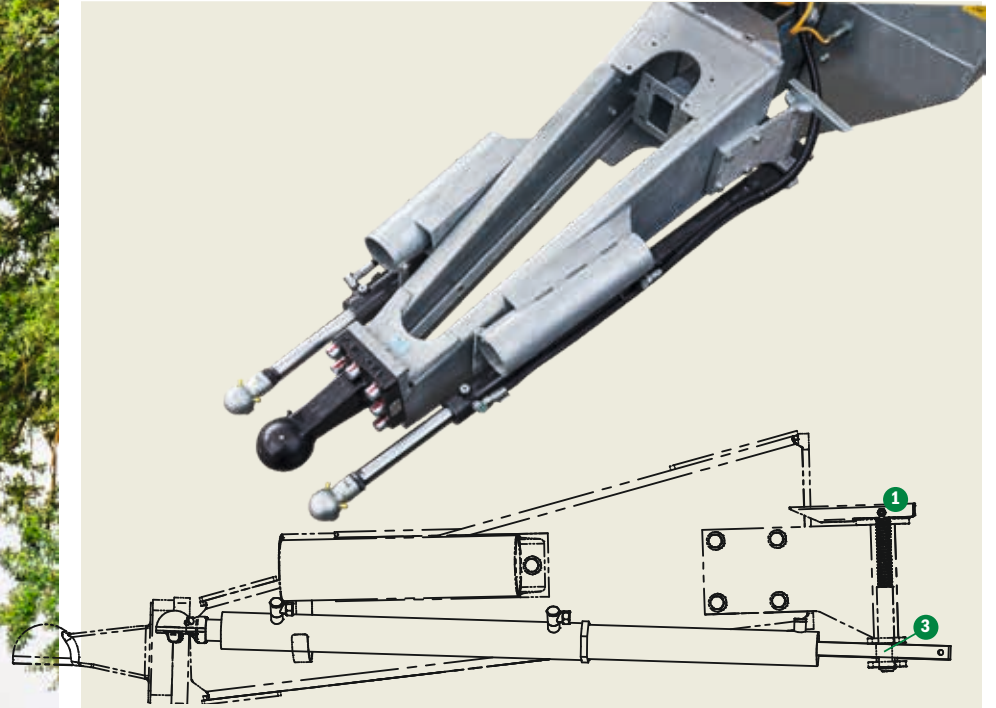


Monitor display with the setting options
 A = Automatic | M = Manual | C = Crab steering

- 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



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

We are part of it

ATTACHMENTS



Fliegl
AGRARTECHNIK

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Overloading augers

Fliegl overloading augers for maximum output in the transport logistics

OVERLOADING AUGER TYPE 400

Overloading pipe with \varnothing 400 mm

Folds hydraulically.

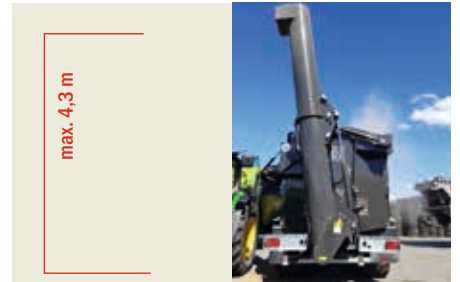
Overloading height from 4.30 m
(depending on tyres).

Overloading rate about 7.5 to / min





Simple installation on all ASW types



OVERLOADING AUGER TYPE 500

Overloading pipe with \varnothing 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 farmland 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



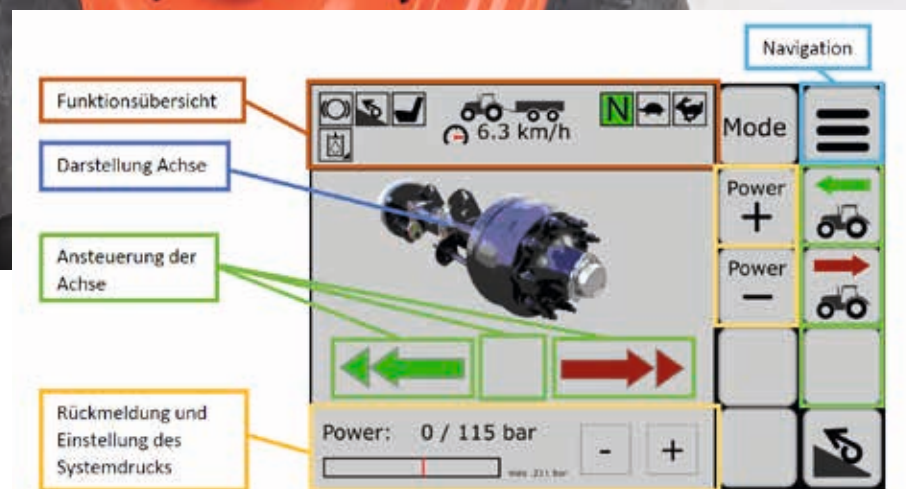
With a stacker truck, all spreading units can be installed easily within about 20 minutes.



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.

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

Some illustrations show special equipment.

ASW push-off trailer 11-2024



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