



Fliegl
BAU- & KOMMUNALTECHNIK



Wir sind Fliegl.



Transport systems



TRIED-AND-TESTED TECHNOLOGY WITH UNRIVALLED FLEXIBILITY:

The »Gigant« push-off trailer is ready for use all year round.

Say goodbye to tipping!



ASS



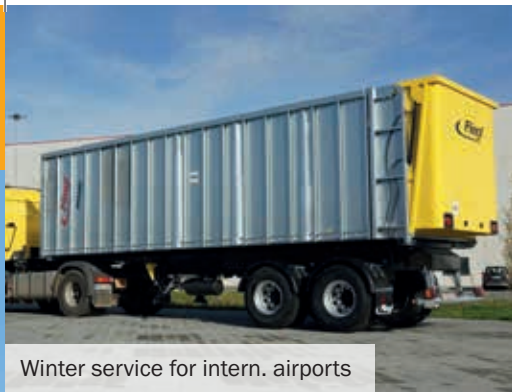
ASS 398



Toplift Light: sideways-folding cover net



Sliding tarpaulin



Winter service for intern. airports



Sugar beet transport



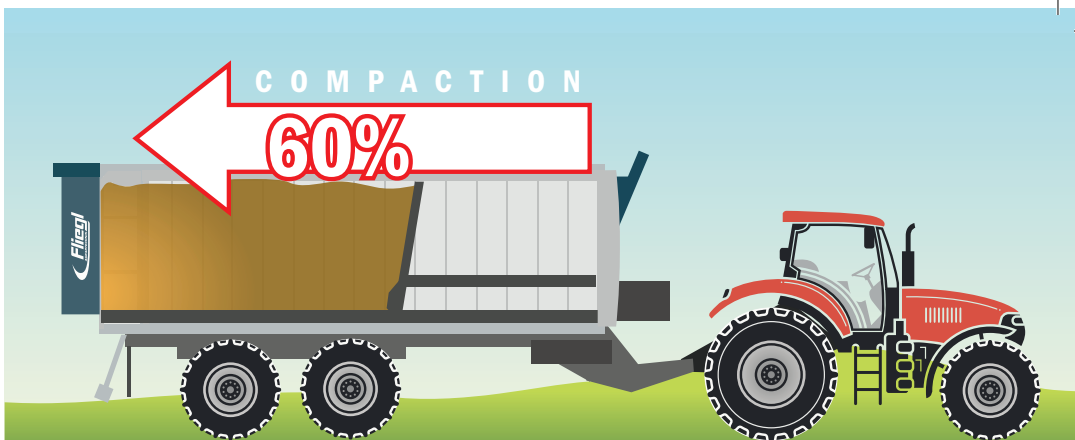
Waste transport



»SpeedCover« cover system



Sliding tarpaulin



THE ADVANTAGES OVER OTHER SYSTEMS

Advantages over tipping system:

- Greater stability when transporting and unloading due to very low centre of gravity
- Up to 60% more load capacity thanks to optimum compaction depending on type of material and level of moisture
- Trouble-free push-off process, even in low buildings
- Low net weight thanks to self-supporting construction
- Lower oil requirement due to lack of telescopic cylinders

Advantages over walking floor system:

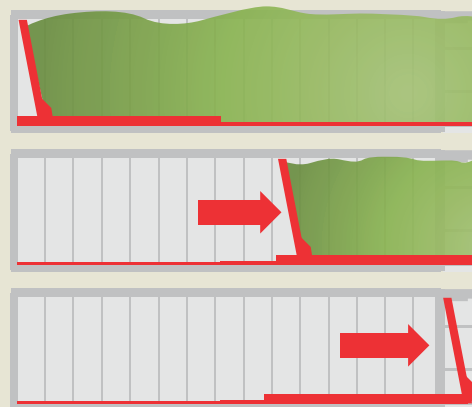
- Robust and durable
- Up to 10 times faster unloading
- Up to 60% more load capacity thanks to compaction (depending on loaded material)

Advantages over scraper/chain floor system:

- More effective and secure due to universal application
- More robust and reliable due to lack of sensitive wear parts
- Higher load capacity due to lower power requirement and optimum compaction

The Fliegl push-off system – your benefits:

- ➕ THE EXTREMELY ROBUST FLIEGL PUSH-OFF SYSTEM IS ALSO IDEAL FOR HEAVY GOODS
- ➕ UP TO 5 TIMES FASTER UNLOADING
- ➕ UP TO 60% MORE LOAD CAPACITY THANKS TO COMPACTION (DEPENDING ON LOADED MATERIAL)



DISPOSAL OF SLUDGE, BACKFILL MATERIALS, WASTE, etc. *



Precision unloading for sludge incineration



* Observe special usage instructions

Disposal of backfill materials

ASS HIGH-CAPACITY TRANSPORTER

In aluminium or steel

The Fliegl push-off semitrailers transport bulky and heavy goods and unload them in mere seconds. Be it wood chips, pellets or recycling material – the push-off technology ensures smooth and complete emptying at all times.

- + **High stability**, even on inclines
- + **Quick and safe unloading** under bridges and power lines, in industrial buildings, etc.
- + **Significantly shorter unloading times** (approx. 1-2 minutes) **thus massively increasing throughput / receiving capacities in factories, waste treatment plants etc.**
- + **Very low wear** thanks to tried-and-tested push-off technology
- + **Very low load centre of gravity** ensures significantly faster and better handling on country roads and off-road
- + **Enhanced transport performance** with reduced wear and diesel costs
- + Less hard braking before corners thanks to "lowered vehicle"
- + Less hard acceleration after corners reduces diesel consumption
- + **Low loading height** – easier loading with better overview, even when using small wheel loaders and excavators
- + **Complete emptying**, even of highly viscous material
- + No manual cleaning or scraping of the tipper bridge required
- + **Greater safety** and lower accident risk



ASS 382-1600



Precision unloading of aluminium swarf at engine plant



Underground use in salt mine: transport of backfill materials



As snow transporter for airport use, e.g. at Munich Airport



ASS semitrailer

ASS semitrailer			ASS 388 Gigant/steel	ASS 398 Gigant/steel	ASS 3108 Gigant/steel	ASS 3118 Gigant/steel	ASS 3125 Gigant/steel
Number of axles			3	3	3	3	3
Body length incl. rear panel			mm 8,800	9,800	10,800	11,800	12,500
Body width			mm 2,380	2,380	2,380	2,380	2,380
Lateral body height			mm 2,000 2,300	2,000 2,300	2,000 2,300	2,000 2,300	2,000 2,300
Capacity without compaction at body height:	2,000	approx. m³	39	43.5	48.5	53	56.5
	2,300		45	50.5	56	61.5	65.5
	2,600*		/	/	/	/	/
Platform height with standard tyres			approx. mm 1,400	1,400	1,400	1,400	1,400
Required/consumed oil volume from tank (oil volume for push-off process)			approx. l Only 27.4 (76.3)	Only 28.8 (86.0)	Only 44.3 (111.9)	Only 46.2 (125.3)	Only 48.1 (147.1)
Radio remote control			Standard	Standard	Standard	Standard	Standard
Galvanised side wall			Standard	Standard	Standard	Standard	Standard
Painted side wall			Optional	Optional	Optional	Optional	Optional





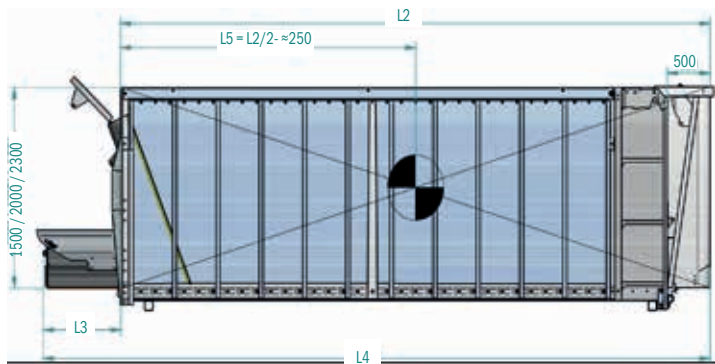
ASS 388 Green-Tec/aluminium	ASS 398 Green-Tec /aluminium	ASS 3108 Green-Tec/aluminium	ASS 3118 Green-Tec/aluminium
3	3	3	3
8,800	9,800	10,800	11,800
2,380	2,380	2,380	2,380
2,000	2,000	2,000	2,000
2,300	2,300	2,300	2,300
2,600*	2,600*	2,600*	2,600*
39	43.5	48.5	53
45	50.5	56	61
51.5	57.5	63.5	70
1,400	1,400	1,400	1,400
Only 27.4 (76.3)	Only 28.8 (86.0)	Only 44.3 (111.9)	Only 46.2 (125.3)
Standard	Standard	Standard	Standard
—	—	—	—
Standard	Standard	Standard	Standard

* Only possible with 19.5" tyres and low coupling height
– technical coordination required regarding total height



ASA high-volume truck bodies

		ASA 4800	ASA 5300	ASA 6300	ASA 6800	ASA 7300
Body length incl. 500 mm high-capacity rear panel	mm	5,300	5,800	6,800	7,300	7,800
Cylinder projection L3	approx. mm	600	600	570	470	730
Body width	mm	2,380	2,380	2,380	2,380	2,380
Lateral body height	mm	2,000 2,300	2,000 2,300	2,000 2,300	2,000 2,300	2,000 2,300
Capacity 2,000 without compaction 2,300	approx. m ³	23 26.5	25 29	30 35	32.5 37.5	35 40
Required/consumed oil volume from tank	approx. l	Only 16	Only 17	Only 21	Only 21	Only 28



TANDEM HEAVY-DUTY DUMPERS

The transport experts for earth-moving and gravel transport



TMK 130 S



TDK 80



TDK 80

		TDK 80	TDK 200 Profi	TMK 130 S	TMK 200 S
Perm. total weight	kg	8,000	20,000/21,000	13,000	20,000
Bridge	mm	4,500 x 2,220 / 2,170 x 500	5,000 x 2,320 x 600	4,500 x 2,300 x 500	5,000 x 2,300 x 900
Tyres		15/55-17 15/70-18 355/60-R18	445/65-R22.5 600/50-R22.5	15/70-18 355/60-R18 445/45-R19.5	445/45-R19.5 600/50-R22.5
Gravel flap, hydr. folding		Optional	Standard	Standard	—
Hydraulic rear panel (upward-folding)		—	—	—	Standard
Body floor made from highly wear-resistant steel 400-450 HB		Optional	Standard	Standard	Standard
Lashing lugs		Optional	Standard	Standard	Standard

TSK TANDEM THREE-WAY TIPPER

The low loader in the tipper range

- + VERY LOW PLATFORM
- + LASHING LUGS INTEGRATED IN FLOOR AS STANDARD, FOR PERFECT LOAD SECURING
- + OPTIONAL SIDE PANEL LIFTING SPRINGS
- + HEIGHT-ADJUSTABLE DRAWBAR AS STANDARD
- + MAINTENANCE-FREE TANDEM ASSEMBLY
- + REAR SUPPORT (STANDARD)



TSK 115



Storage space for aluminium ramps, lockable

TSK

Type		TSK 115	TSK 130
Perm. total weight	kg	11,500	13,000
Net weight	approx. kg	3,100	3,500
Bridge dimension, internal L	approx. mm	5,000	5,000
Bridge dimension, internal W	approx. mm	2,420	2,420
Side panel height	approx. mm	500	500
Platform height	approx. mm	1,020	1,020
Tyres		355 R18	355 R18
Lateral/rear central locking		Standard	Standard
Storage space for aluminium ramp		Standard	Standard



ASW STONE AND ASW HIGH-CAPACITY AS ROLL-OFF BODY



ASW Stone 5715 HKL with thermal pack



ASW 5800 HKL



ASW Stone 5215 HKL with sliding tarpaulin



Hydraulic operation via control panel (optional)



ASW Stone 5215 HKL

ProSave control with radio remote (optional)



ASW Stone HKL

		4715 HKL	5215 HKL	5715 HKL	5800 HKL	6800 HKL
Body length	mm	4,730	5,230	5,730	5,800	6,800
Body width	mm	2,370	2,370	2,370	2,380	2,380
Body height	mm	1,150	1,150	1,150	2,000	2,000
Body height, optional	mm	1,290	1,290	1,290	2,300	2,300
Total length	approx. mm	5,700	6,400	7,000	6,600	7,600
Required hydraulic parameters		2x DA	2x DA	2x DA	1x DA + 1x SA	1x DA + 1x SA
Hydraulic system with magnetic valve block and control panel or radio remote control		Optional	Optional	Optional	Optional	Optional
Hydraulic pressure	max. bar	180	180	180	180	180
Load securing with sliding tarpaulin		Optional	Optional	Optional	Optional	Optional

Other body sizes and types available on request!

TANK AS HOOK LIFT ROLL-OFF BODY



Tank as roll-off body



Tank as HKL roll-off body

Types		HKL 7500	HKL 10600	HKL 14000	HKL 16000
Capacity	l	7,500	10,600	14,000	16,000
Shell length	approx. mm	4,000	5,000/4,000	6,000	6,000
Diameter	approx. mm	1,500	1,600/1,800	1,700	1,800
Total length*	approx. mm	5,320	6,320/5,320	7,320	7,320
Total height*	approx. mm	2,235	2,335/2,535	2,435	2,535
Filling pipe		Standard	Standard	Standard	Standard
Vacuum compressor		Optional	Optional	Optional	Optional
Water pump		Optional	Optional	Optional	Optional

* Other lengths and diameters available on request!

* Can vary depending on equipment



JUMBO TURBO MUNICIPAL WATER TANKERS



Hydraulically swivelling sprinkler nozzle



Compressor with centrifugal pump



WFW 5000 I MAXX Line with centrifugal pump and sprinkler nozzle

Types		4,000 l Single-axle	6,200 l Single-axle	8,600 l Single-axle
Tank/shell length approx. mm	L4	3,300/3,000	4,300/4,000	4,350/4,000
Tank diameter* approx. mm	D1	1,250	1,400	1,600
Vacuum compressor with high-pressure centrifugal pump	l/min	5000/3500	8000/6500	8000/6500
Silencer with oil separator		Standard	Standard	Standard
Hose reel		Standard	Standard	Standard
Sprinkler nozzle		Optional	Optional	Optional
Hydrant filling pipe		Standard	Standard	Standard



WFW 3000 Jumbo Line



WFW 8600 Jumbo Turbo municipal



Tanker semitrailer

Single-axle tank trailer, 25 km/h and 40 km/h Galv. steel

Types		3,000 l	4,000 l	5,000 l	6,200 l	8,600 l
Tank/shell length approx. mm	L4	2,800/2,500	3,300/3,000	3,300/3,000	4,300/4,000	4,350/4,000
Tank diameter* approx. mm	D1	1,250	1,250	1,400	1,400	1,600
Hydrant filling pipe		Standard	Standard	Standard	Standard	Standard
Vacuum compressor		Optional	Optional	Optional	Optional	Optional
Petrol engine		Optional	Optional	Optional	Optional	Optional

Tandem tank trailer 25 km/h, 40 km/h Galv. steel

Types		10,600 l	16,000 l
Tank/shell length approx. mm	L4	5,350/5,000	6,350/6,000
Tank diameter* approx. mm	D1	1,600	1,800
Hydrant filling pipe		Standard	Standard
Compressor		Optional	Optional
Petrol engine		Optional	Optional

IDEAL FOR ROAD CONSTRUCTION, GARDENING AND LANDSCAPING

Water tankers, 80 km/h version



WFW 10000l Poly Line tandem 80 km/h



WFW 8600 L galv. steel, tandem



Tank trailer 80 km/h

Types

		Galv. steel	
		8,600 l Tandem	6,200 l Two-axle/turntable
Tank/shell length approx. mm	L4	4,350/4000	4,300/4,000
Tank diameter* approx. mm	D1	1,600	1,400

Galv. steel

Poly Line

		10,000 l tandem	10,000 l Two-axle/turntable
		4,900	4,900
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Other tank sizes and equipment available on request.
* Dimensions, weights and technical data are subject to change. Some images show special equipment.



Vacuum compressor with silencer and oil separator



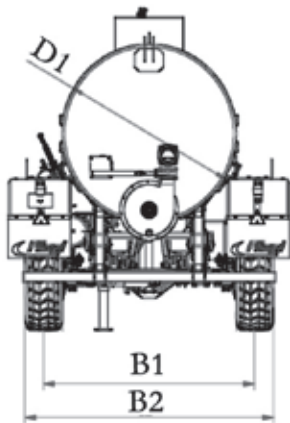
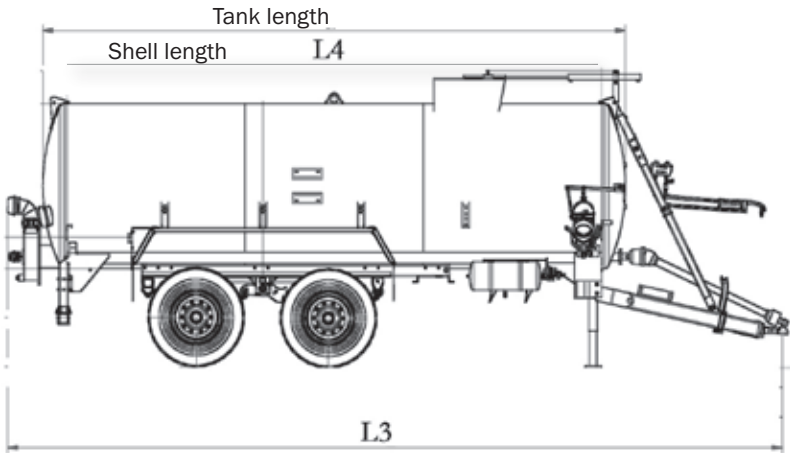
With fuel pump



3500 l centrifugal pump with hydraulic drive



Hydrant filling pipe



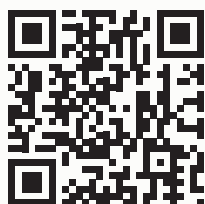
* The tank diameter may vary



Water tanker with hose reel and sprinkler nozzle



Transport systems Oct. 2023
Subject to technical changes as well as changes to dimensions, weights and technical data. Some images show special equipment.



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