



We are Fliegl.

Manure Spreader KDS

Equipment Options

Manure spreader series with scraper floor chains „muck control“. The FRONT details at a glance.

Opening scale of the feed control valve on the front for quick visual detection of the opening position, ladder on the right



Large-size **protective grating**



Optionally available **control block with control panel** for best operating comfort



Hydraulic spring drawbar for top and bottom hitching



Support foot
adjustable, in the middle, foldable, for best stability

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Chain Scraper Floor

Forged chain links Ø20 mm with a breaking load of up to 50 ton ensure an even and reliable material handling



e.g. KDS 140 - muck control: 220 chain links and 37 closed floor strips

Feed control

valve with internal frame guide for best sealing with two external hydraulic cylinders



Best maintenance and work safety thanks to lubricatable chain tension, optionally also hydropneumatically with hand pump and nitrogen storage



CONTROL AND FEED SYSTEMS



Mechanical potentiometer with adjustable feed rate at the spreading unit

Option:



Electric potentiometer with adjustable feed rate on control panel

Option:



SpreaderControl

- to regulate the application rate
- speed decrease via GPS system
- exact spreading pattern thanks to automatic feed control - based on speed and possible spreading width
- only in combination with weighing equipment

Equipment Options

Manure spreader series with scraper floor chains „muck control“. The rear details at a glance.



Electronic speed monitoring monitors the speed of the mixing rollers and automatically switches off the material floor chain belt if necessary.



Best accessibility for cleaning and maintenance



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



Heavy side-mounted gearbox ensures an even material feed

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Well Mixed



The **2 mixing rollers**, each with a diameter of 770 mm, are equipped with screwed knife tines made of wear-resistant HB 400 steel on both sides. They are ideally suited for any spreading material.



varioSPLASH



Disc spreading unit varioSPLASH: Two large spreading discs made of wear-resistant HB 400 steel, each with a diameter of 950 mm.

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AGRARTECHNIK

Adjustable drop angle



Drop angle of the spreading material opened



Dop angle of the spreading material towards the middle of the discs



Dop angle of the spreading material towards the back of the discs



Hydraulic tailgate

KDS 270 »muck control«

4

- Tandem chassis
- Load volume of 25 m³
- Fine grain steel side walls and bottom
- Chassis made from a stable hollow beam frame
- Hydraulically suspended drawbar
- Rotatable drawbar



Disc spreading unit varioSPLASH. Two large spreading discs made of wear-resistant HB 400 steel, each with a diameter of 1100 mm, as well as interchangeable plates made of wear-resistant HB 400 steel. Working width of up to 30 meters possible depending on the spreading material.



1



2



3



1

- Forged chain links (Ø20 mm) with a breaking load of up to 50 tons
- Scraper floor strips made of 80 mm closed U-profiles
- Scraper floor optionally with hydropneumatic chain tension

2

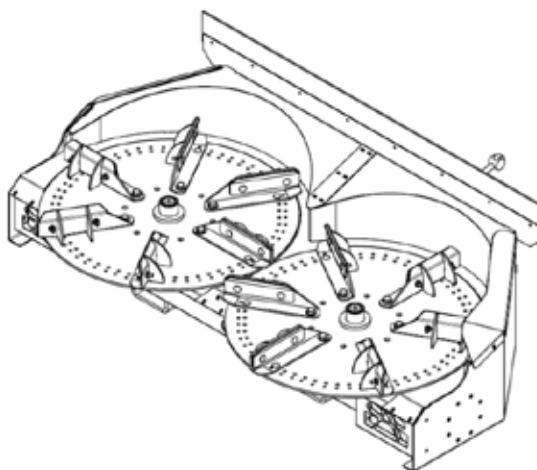
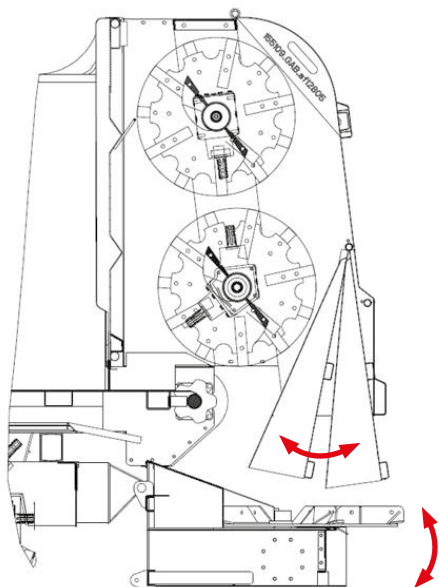
- Two horizontal rollers Ø770 mm with exchangeable knives made of wear-resistant steel HB 400

3

- Special transfer case ensures an optimized distribution of power on spreading rollers and spreading discs
- Powerful drive train with cam clutch and overrunning clutch
- Drive of the spreading discs and mixing rollers by means of an oil bath gearbox

4

- Feed control valve with internal frame guide for best sealing with two external hydraulic cylinders, visual level indicator on the front



varioSPLASH



Technical data

Single axle - KDS

		KDS 120 Junior	KDS 120 Muck	KDS 140 Junior	KDS 140 Muck
Total permitted weight:	kg	12.000 – 13.000	13.000	13.000	14.000
Number of axles		1	1	1	1
Perm. drawbar load	kg	2.000 – 3.000	3.000	3.000	3.000
Net weight approx.	kg	4.900	5.900	5.300	6.300
Body length	mm	4.500	4.500	5.500	5.500
Conical shape body width	mm	1.450 – 1.750	1.450 – 1.750	1.450 – 1.750	1.450 – 1.750
Body side height	mm	1.400	1.400	1.400	1.400
Volume approx.	m³	10	10	12	12
Heaped volume approx.	m³	12	12	14	14
Disc spreader unit		Vertical rollers	yes	Vertical rollers	yes

Tandem/Tridem - KDS

		KDS 260 Muck	KDS 270 Muck	KDS 390 Muck
Total permitted weight:	kg	20.000 - 22.000	20.000 - 24.000	29.000 - 31.000
Number of axles		2	2	3
Perm. drawbar load	kg	2.000 - 4.000	2.000 - 4.000	2.000 - 4.000
Net weight approx.	ca. kg	8.400	9.500	11.500
Body length	mm	6.000	7.000	9.000
Conical shape body width	mm	2.100	2.100	2.100
Body side height	mm	1.400	1.400	1.400
Volume approx.	ca. m³	18	21	27
Heaped volume approx.	ca. m³	22	25	32
Disc spreader unit		yes	yes	yes

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

Some illustrations show special equipment.

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