

SILAGE TECHNOLOGY

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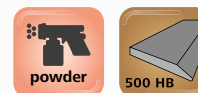
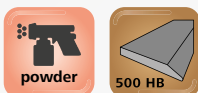
MAIZE AND GREEN FORAGE PUSHING SHIELD MGS



MGS 300



MGS 300S with water filling

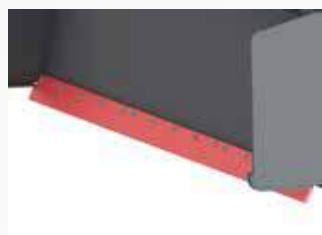


The SAPHIR MGS 300 maize and green forage pushing shield is a simple, rigid shield for attaching to the rear or front hydraulic system. The shield is fitted with a screwed-in highly wear-resistant scraper bar that can be replaced if it wears out.

The SAPHIR maize and green forage pushing shield MGS 300 S can be loaded with water through the double-walled structure. To increase the feed quantity, guiding elements are also installed as standard.



Compact design with round shield body for optimum material flow and maximum stability



Replaceable wear strip of highly wear-resistant steel (screwed, 500 HB)



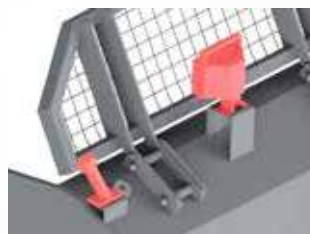
Heavy version that can be filled with water (MGS 300S) for optimum ballasting of the tractor



Optional sliding runner (MGS 300S) for easy guiding of the shield on the silo stock



Optional grid attachment (MGS 300S) for greater feed quantities with good visibility



Option LED working lights and side lamps for more comfort and safety at work.

Device sizes

Technical data	MGS 300	MGS 300S
Working width (mm)	3.000	3.000
Blade height without attachment approx. (mm)	1.000	1.000
Blade height with grid attachment approx. (mm)	-	1.400
Approx. transport width in mm	3.000	3.000
Attachment	Kat. II	Kat. II/III
Power requirement approx. (kW/HP)	80/110	110/150
Approx. weight in kg	320	770
Approx. laden weight (kg)	-	1.320
Order-No.	574MGS300	574MGS300S
€/piece	1.980,00 €	3.390,00 €

Special fittings

Name	Order-No.	€/piece
Grid attachment MGS 300S	574000669	650,00 €
MGS 300S sliding runners	574000668	590,00 €
LED limiting lights (2 pieces)	574001138	320,00 €
LED working lights (2 pieces)	574001139	490,00 €
Polyurethane scraper bar 130x25mm	695001042	460,00 €

MAIZE AND GREEN FORAGE PUSHING SHIELD COMPACT



The SAPHIR COMPACT maize and green forage pushing shields are characterised by wide working widths due to an especially powerful feed performance. Three-part hydraulic folding device enables operation close to the silage heap and guarantees safe road transport. In addition, the close attachment of the robust shield body to the host vehicle ensures a good visibility over the shield and good manoeuvring properties.



Replaceable wear strip made of highly wear-resistant steel (screwed, 500 HB)



Three-part hydraulic folding device



Optional sliding runner set for easy guiding of the shield on the silo stock



Optional grid attachment for greater feed quantities with good visibility



Option LED working lights and side lamps for more comfort and safety at work.

Device sizes

Technical data	Kompakt 4001	Kompakt 5001
Working width (mm)	4.000	5.000
Blade height without attachment approx. (mm)	1.100	1.100
Blade height with grid attachment approx. (mm)	1.500	1.500
Approx. transport width in mm	2.360	3.000
Attachment	Kat. II/III	Kat. II/III
Width of central section approx. (mm)	2.000	2.600
Hydraulic connection	2 x dw	2 x dw
Power requirement approx. (kW/HP)	100/135	110/150
Approx. weight in kg	910	990
Order-No.	574KOMPAKT4001	574KOMPAKT5001
€/piece	7.680,00 €	7.990,00 €

Special fittings

Name	Order-No.	€/piece
Grid attachment Compact 4001	574000671-2	840,00 €
Grid attachment Compact 5001	574000673-2	920,00 €
Sliding runner set Compact 4001	574000670	610,00 €
Sliding runner set Compact 5001	574000672	670,00 €
Polyurethane scraper bars for Compact 4001 130x25 mm Set	574004010	680,00 €
Polyurethane scraper bars for Compact 5001 130x25 mm Set	574004011	840,00 €
Flow dividers The right and left side sections are controlled by a control circuit (1 x da). Both the side sections move synchronously	574001145	480,00 €
Additional weight 280 kg Water tank for installation at the frame	391002948	540,00 €
LED limiting lights (2 pieces)	574001138	320,00 €
LED working lights (2 pieces)	574001139	490,00 €

MAIZE AND GREEN FORAGE PUSHING BLADE COMBI 4501/5001

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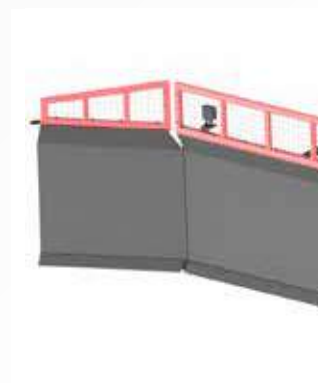
*Combi 5001 with grid attachment,
working lights and side lamps*



The SAPHIR maize and green forage pushing shields COMBI are suitable for pull and push runs. Replaceable highly wear-resistant scraper bars (500 HB) are fitted on both sides of the stable shield body. The side sections can be retracted and folded out individually backwards or forwards. Because the shield has a particularly stable, robust design, it can be used with system tractors of up to approx. 350 HP.



Highly wear-resistant scraper bars (500 HB) on the front and rear side of the shield body



Optional grid attachment for greater feed quantities with good visibility



Side sections can be tilted individually hydraulically, swivel range 120°



Option LED working lights and side lamps for more comfort and safety at work.

1. Device sizes

Technical data	KOMBI 4501	Kombi 5001
Working width (mm)	4.500	5.000
Blade height without attachment approx. (mm)	1.160	1.160
Blade height with grid attachment approx. (mm)	1.560	1.560
Approx. transport width in mm	3.000	3.000
Width of central section approx. (mm)	2.600	2.600
Width of side section approx. (mm)	950	1.200
Hydraulic connection	2 x dw	2 x dw
Power requirement approx. (kW/HP)	147/200	183/250
Approx. weight in kg	980	1.030
Order-No.	574KOMBI4501	574KOMBI5001
€/piece	8.170,00 €	8.560,00 €

2. Select the attachment



Name	Order-No.	€/piece
Attachment Cat. II / III	574KATIII-S	Series



Attachment Cat. IV	574KATIV	990,00 €
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3. Special fittings

Name	Order-No.	€/piece
Grid attachment Combi 4501	574001317	860,00 €
Grid attachment Combi 5001	574000674	920,00 €
Polyurethane scraper bar (one-sided) for Combi 4501 130x25 mm	574004008	770,00 €
Polyurethane scraper bar (one-sided) for Combi 5001 130x25 mm	574004009	840,00 €
Additional weight 280 kg Water tank for installation at the frame	391002938U	540,00 €
Additional weight 550 kg (Cannot be combined with the additional weight 280 kg)	574004013	720,00 €
Flow dividers The right and left side sections are controlled by a control circuit (1 x da). Both the side sections move synchronously	574001145	480,00 €
LED limiting lights (2 pieces)	574001138	320,00 €
LED working lights (2 pieces)	574001139	490,00 €

MAIZE AND GREEN FORAGE PUSHING SHIELD COMBI PLUS

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The SAPHIR maize and green forage pushing shields COMBI PLUS are suitable for pull and push runs. Below the honey-combed shield body there are replaceable wear rails (500 HB) on both the sides with a high service life.

The side sections can be folded in and out individually by 170° at the front and the back. The design that can be filled with water is made for highest loads and is ideally fitted for the use at large tractors starting with 200 HP.



Heavy design with shield body that can be filled with water.



Optional grid attachment for greater feed quantities with good visibility as a standard



Highly wear-resistant scraper bars (500 HB) on the front and rear side of the shield body



170° swivel range of the side sections, can be extended and retracted individually

1. Select the device size

Technical data	KOMBI PLUS 4500	KOMBI PLUS 5500
Approx. working width in mm.	4.500	5.500
Approx. height in mm	1.700	1.700
Approx. depth in mm	1.500	1.500
Approx. transport width in mm	2.950	2.950
Width of central section approx. (mm)	2.600	2.600
Power requirement approx. (kW/HP)	147/200	183/250
Power requirement approx. (kW/HP)	1.850	2.050
Weight (kg)	2.400	2.700
Order-No.	574KOMBIPLUS4500	574KOMBIPLUS5500
€/piece	13.190,00 €	14.680,00 €

2. Select the attachment



Name	Order-No.	€/piece
Attachment Cat. II/ III/IV	574KAT-S	Serie

3. Special equipment

Name	Order-No.	€/piece
Polyurethane scraper bar 140x25 mm Combi Plus 4500 one-sided	574001070	790,00 €
Polyurethane scraper bar 140x25 mm Combi Plus 5500 one-sided	574001071	960,00 €
Flow dividers The right and left side sections are controlled by a control circuit (1 x da). Both the side sections move synchronously	574001145	480,00 €
LED limiting lights (2 pieces)	574001138	320,00 €
LED working lights (2 pieces)	574001139	490,00 €

GREEN FORAGE FORK GG

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The SAPHIR GG green forage fork is a heavy duty fork for excavating and distributing green cuttings. The heavy-duty tines connected with screws enable the loading of high silage and green cutting quantities. The rear part, enclosed by expanded metal, prevents the green cuttings getting onto the loading arms or the quick change frame. Therefore, there is always good visibility when operating the machine.



Massive square-pipe frame for maximum stability



GG 38 / 49: hydraulic folding device fitted as standard for road transport (1x da required)



Tine support pipe protected by additional wear-resistant scraper bar 200 x 20 mm (500 HB)



Optional pressure limiting valve (controllable) for carrier vehicles with more than 200 bar operating pressure



Replaceable, screw-on 1.400 mm heavy duty tines from SHW



Optional road protection. Mandatory for transport on public roads

1. Device sizes

Benennung	GG 29	GG 38	GG 49
Arbeitsbreite (mm)	2.950	3.800	4.950
Transportbreite ca. (mm)	2.950	2.800	2.800
Rahmen klappbar	Nein	Ja	Ja
Rückwandhöhe ca. (mm)	1.400	1.400	1.400
Zinkenanzahl	11	16	20
Gewicht ca. (kg)	940	1.450	1.670
Best.-Nr.	391GG29	391GG38	391GG49
€/Stück	6.990,00 €	12.960,00 €	14.890,00 €

2. Select the attachment



Name	Order-No.	€/piece
Variable Lock System	574VARILOCK	Series

Please specify the carrier vehicle mount when placing the order

3. Special fittings

Name	Order-No.	€/piece
Pressure limiting valve (necessary starting from 200 bar working pressure) controllable	85002127	190,00 €
Road guard for GG 29	391001861	370,00 €
Road guard for GG 38	391003491	560,00 €
Road guard for GG 49	391000617	610,00 €

GREEN FORAGE FORK WITH HYDRAULIC TILT FUNCTION GJK

Product video



The green forage fork with hydraulic tilt function is used to collect and distribute large quantities of silage. The integrated hydraulic tilt function enables the load to be tilted easily. The rear section, especially closed with expanded metal, prevents the green cuttings from getting into the area of the attachment because of its design. However, this does not block visibility to the tines.



Massive square-pipe frame for maximum stability



Hydraulic tilt function (1 x da required) with rotational movement over a system of rollers



Tine support pipe protected by additional wear-resistant scraper bar 200 x 20 mm (500 HB)



Optional road guard, mandatory for transport on public roads



Replaceable, screw-on 1.400 mm heavy duty tines (SHW)



Optional base plate for chaff. Recommended for maize silage.

Device sizes

Technical data	GGK 30
Working width (mm)	2.700
Approx. transport width in mm	2.970
Approx. rear wall height in mm	1.400
Attachment	Kat. II/III
Number of tines	10
Approx. weight in kg	1.560
Order-No.	391.01175.GGK30
€/piece	10.690,00 €

Special fittings

Name	Order-No.	€/piece
Pressure limiting valve, adjustable (required starting from 200 bar working pressure)	391001154	190,00 €
Base plate Recommended for maize silage.	391002605	1.270,00 €
Road guard for GGK 30	391002317	370,00 €

SILAGE ROLLER SW 30 / 30H



SW 30H with silage edge compactor and lighting

Product video



The SAPHIR silage rollers SW 30 and SW 30H are used to increase the compaction performance of the compaction tractor in case of grass and maize silage. The welded rings ensure a very high point load and thus optimum penetration in the silo. The machines have twelve welded rings with a height of 160 mm and a distance of 225 mm. Roller body and frame can be filled separately with water. In this way, the ballasting of the device can be adjusted individually depending upon the use and tractor power.

The model SW 30H has a hydraulic displacement. The displacement range is 700 mm to the right. Thus, work can also be performed in corners and walls.



The roller body has a diameter of 950 mm. The welded rings with a fillet height of 160 mm and a distance of 225 mm ensure a homogeneously deep compaction of the silage heap without sticking together



As a standard with towing hitch. Max. tensile load 17 tonnes.



Hydraulic frame displacement by 700 mm (SW 30H) to the right, optionally available also with 600 mm to both sides



Optional tow bar (1 x da required) as towing aid for transport vehicles for especially high silage heaps



Frame and roller body can be filled separately with water for an optimum ballasting.



Optional silage edge compactor (1 x da required) for fastening free-standing silage edges

Device sizes

Technical data	SW 30	SW 30H
Approx. working width in mm.	3.000	3.000
Can be moved hydraulically	-	700 mm rechts
Approx. weight in kg	1.980	2.240
Laden weight approx. (kg)	2.910	3.170
Order-No.	927SW30	927SW30H
€/piece	9.420,00 €	11.490,00 €

Special fittings

Name	Order-No.	€/piece
Silage edge compactor (365 kg; 1 x da required) Recommended for silo places without walls!	927002007-3	3.450,00 €
Can be moved hydraulically on both sides (600 mm each on both sides) Note: When fitted with silage edge compactor, only about 400 mm shift is possible in the left direction of travel	927001589	440,00 €
Towing device (1 x da required) Note: Cannot be combined with two-sided shift	927001792-2	1.710,00 €
Electronic operating hours counter (incl. installation) Reliable working time recording through vibration sensor	927SW30ZAEHLER	580,00 €
Scraper - for the cleaning between the rings NEW!	927003089	360,00 €
Lighting incl. warning signs	927001588	270,00 €