

FARM AND PASTURE MACHINERY

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FARM AND PASTURE MACHINERY

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FEED SWEEPING TYRES



SAPHIR feed sweeping tyres are vital helpers in daily stable work. Using the feed sweeping tyres, the feed alley can easily be brushed clean and the feed is pushed back into the animals' feeding area. The stable floor cannot be damaged when this is done. The feed tyre is mounted on a strong running axle stub. The tyre receptacle can be adjusted for different tyre sizes. The clamping area has a diameter between 770 and 1,040 mm. The Saphir feed sweeping tyre is supplied basically without tyres. The size 16.9 R34 is recommended.

- Three point linkage Cat. I/II
- Hydraulically swivelling by 800 mm on both sides (1 x dw required)
- Bearing of sweeping tyre on stable stub assembly
- The tyre receptacle can be adjusted for different tyre sizes from 770 to 1,040 diameter
- Stable parking foot
- Tyre rotation by floor drive

| Technical Data | Feed sweeping tyres |
|----------------------|---------------------|
| Approx. weight in kg | 205 |
| Order-No. | 574401350-3 |
| €/piece | 1.375,00 € |

Note: Products are supplied fully assembled but without tyres.

Special equipment

| Name | Adapter frames Euro / Cat. II |
|-----------|-------------------------------|
| Order-No. | 391ADAPEK |
| €/piece | 620,00 € |



Feed sweeper tyres with special equipment adapter frame Cat. II on Euro/front loader

AUGURS GREIF



The SAPHIR Augurs GREIF is suitable for the excavation of post holes with a diameter of up to 450 mm. For especially long lifetime of the drives, the cardan shaft is protected against overload by shear bolt protection. In addition, the GREIF 302 is equipped with a hydraulic swivelling system for easy approaching of precise boreholes. The swivel range is approx. 1,000 mm on each side. Optionally, the GREIF auger is also available with a hydraulic drive. (GREIF 303 H) The Greif 303 is meant for attachment at the front loader with Euro mount.



Changeable drill bits

Fitted as a standard with a drill bit 300 mm, approx, 800 mm long

Equipment of Greif 301/302:

Stable oil bath angular drive

Lower link mount Cat. I/II

Stable parking supports for stability

Greif 302 with hydraulic tilting device

Equipment for Greif 303H:

Hydraulic drive (required oil quantity 40-60 litres/min.)

1x dw necessary

- Euro-mount for front loader



Device sizes

| Technical Data | Greif 301 | Greif 302 | Greif 303H |
|----------------------|-------------|-------------|-----------------|
| Approx. weight in kg | 200 | 240 | 225 |
| Drive | PTO shaft | PTO shaft | Hydraulic |
| Attachment | Cat. I/II | Cat. I/II | Euro attachment |
| Order-No. | 586GREIF301 | 586GREIF302 | 586GREIF303H |
| €/piece | 2.190,00 € | 2.550,00 € | 3.870,00 € |

Select the attachment

| | Name | Order-No. | €/piece |
|---|---|---------------|----------|
|  | Cat. I/II (only Greif 301/302) | 391GREIFKATII | Series |
|  | Euro-mount (only Greif 303H) | 391GREIFEURO | Series |
|  | Farm and wheeled loader up to 2.5 t lifting power (only Greif 303H) | 391GREIFHOF | 240,00 € |
|  | Wheeled and telescopic loader up to 2.5 t lifting power (only Greif 303H) | 391GREIFTELE | 430,00 € |

When ordering, state the type of the host vehicle

Special fittings

| Name | Order-No. | €/piece |
|--|------------|----------|
| Drill body 120 mm | 586BOHR120 | 340,00 € |
| Drill body 200 mm | 586BOHR200 | 400,00 € |
| Drill body 300 mm | 586BOHR300 | 440,00 € |
| Drill body 450 mm | 586BOHR450 | 540,00 € |
| Adapter 4-hole to 6-hole flange | 586005091 | 60,00 € |
| 200 mm extension drill body (for Greif 303H) | 586008095 | 60,00 € |

Assembly costs: Fitting the drill body onto the machine and attaching the cardan shaft



The SAPHIR concrete mixer Mammut is suitable for mixing concrete, screed, mortar, grain, manure, turf and earth. The four spring-loaded mixing arms ensure a fast homogeneous mixture of all added components. The SAPHIR concrete mixer has a three-point linkage Cat. II as well as drive-in pockets for fork tines. Optionally, a hydraulic drive is available.



Front splash guard to protect the tractor



Four spring-loaded and adjustable mixing arms for the fast production of homogeneous mixtures.



2 tear-up tips for opening the bags.



Adjustable side wall scrapers for complete emptying of the mixing container.



Rear drain



3/4" connection for mixing water

| Technical Data | Mammut 801 |
|-----------------------------------|-------------------|
| Tank diameter approx. (mm) | 1.500 |
| Tank height approx. (mm) | 700 |
| Capacity approx. (l) | 800 |
| Power requirement approx. (kW/HP) | 50/70 |
| Approx. weight in kg | 600 |
| Order-No. | 389.00926.MA800-2 |
| €/piece | 3.490,00 € |

The cardan shaft with shear bolt locking is included in the delivery scope

Installation effort: Supporting bracket, splash guard, protective cap and drain. must be mounted. The cardan shaft must be adapted, if necessary.

Special fittings

| Name | Order-No. | €/piece |
|--|---------------|------------|
| Hydraulic drive Required oil quantity: 40-60 litres (Installed with initial equipment, cardan shaft is omitted) 1x dw required | 389MAMMUTHYDR | 1.150,00 € |



SALT AND MANURE SPREADERS PS AND PLS



The SAPHIR salt and manure spreaders are single-blade spreaders that are suitable for distributing granulated fertiliser as well as in connection with the winter service set also for spreading salt or a salt-chipping mixture. To protect from weather impacts additionally tarpaulins are available for all types of spreader.

Caution: The winter service set is absolutely necessary for use in winter service mode!



Steep hopper walls ensure that the material to be spread slides easily.

The mixer head supplied as standard guarantees trouble-free spreading of granulated manures.



The optional winter set consists of a narrow spreading device made of stainless steel and a stirrer with chain.



Quantity is easily controlled via a control lever by hand (series)



The optional hydraulic slider operation enables a comfortable setting of the sprayed quantity from the cabin.



For continuous use in winter service we recommend the PLS 400 + PLS 500 models with plastic container in connection with the optional winter service set. The flexible cover protects the material to be spread from the weather.



The stirrer with two attached chains is part of the optional winter service set.

Device sizes

| Technical Data | PS 300 | PS 500 | PLS 400 | PLS 500 |
|--|-----------|-----------|------------|------------|
| Tank design | Metall | Metall | Kunststoff | Kunststoff |
| Tank capacity approx. (l) | 269 | 361 | 297 | 361 |
| Additional load max. (kg) | 347 | 466 | 383 | 466 |
| Fill height approx. (mm) | 105 | 113 | 107 | 113 |
| Power requirement approx. (kW/HP) | 11/15 | 11/15 | 11/15 | 11/15 |
| Spreading width fertiliser granulated max. (m) | 12-14 | 12-14 | 12-14 | 12-14 |
| Salt spreading width max. (m) | 6-7 | 6-7 | 6-7 | 6-7 |
| Attachment | Kat. I | Kat. I | Kat. I | Kat. I |
| Approx. weight in kg | 58 | 63 | 60 | 63 |
| Order-No. | 581980521 | 581980522 | 581980523 | 581980524 |
| €/piece | 920,00 € | 970,00 € | 990,00 € | 1.050,00 € |

Special fittings

| Name | Order-No. | €/piece |
|--|------------|----------|
| Winter service set Stirrer with chain, narrow spreading device made of stainless steel | 581000527 | 290,00 € |
| Tarpaulin PS 300 | 581000529 | 105,00 € |
| Tarpaulin PS 500 / PLS 400 | 581000528 | 105,00 € |
| Tarpaulin PLS 500 | 5810005182 | 105,00 € |
| Lighting system Including fastening, socket and connection cable | 581620120 | 160,00 € |
| Hydraulic slider operation (1x dw required) | 581619111 | 300,00 € |
| Cat. II adapter frame for salt and manure spreaders PS, PLS and PES | 391408215 | 230,00 € |

Note: Goods are supplied fully fitted

PTO shaft drive 540 RPM
Maintenance-free gearbox
Protective grid
Cardan shaft
Distributing plate made of stainless steel
Three-point attachment Cat. I
Spray quantity regulation via one-hand lever



Adapter frame for using the spreader at tractors with attachment category Cat. II

SALT SPREADER PES PROFI



The SAPHIR salt spreader PES Profi is made mostly from stainless steel. This rules out corrosion caused by salt residues.

The single-disc spreader has a professional spread width limiter made of stainless steel and can be fitted with a hydraulic slider control. Components made of stainless steel and extensive accessories are the basis of professional use.



The professional spreading width limiter made of stainless steel (series equipment) with 5 settings options for the spreading width.



Steep hopper walls ensure that the material to be spread slides easily. The stirrer with chain provides for the output of salt or salt-grit mixture.



Brush and shovel holder (option) enables the transport of the mentioned tools.



Hydraulic slider operation (option) for the comfortable opening and closing of the outlets from the cabin.



The shunting help (option) enables one to move/shunt the spreader in the dismantled condition.



Lighting set (option) with 7-pin socket and blade holder made of stainless steel for more safety in road traffic.

Device sizes

| Technical Data | Salt spreader PES 300 Profi |
|-----------------------------------|-----------------------------|
| Tank design | Stainless steel |
| Tank capacity approx. (l) | 270 |
| Additional load max. (kg) | 320 |
| Fill height approx. (mm) | 107 |
| Power requirement approx. (kW/HP) | 15/20 |
| Salt spreading width max. (m) | 1-8 |
| Attachment | Cat. I |
| Approx. weight in kg | 68 |
| Order-No. | 581980527 |
| €/piece | 1.590,00 € |

Accessories

| Benennung | Best.-Nr. | €/Stück |
|--|-----------|----------|
| Hydraulic slider operation | 581619111 | 300,00 € |
| Tarpaulin | 581000528 | 105,00 € |
| Lighting system Including fastening, socket and connection cable | 581620120 | 160,00 € |
| License plate holder | 581619130 | 40,00 € |
| Shunting help | 581613301 | 210,00 € |
| Brush and shovel holder | 581613350 | 70,00 € |
| Cat. II adapter frame for salt and manure spreaders PS, PLS and PES | 391408215 | 230,00 € |

PTO shaft drive 540 RPM
 Maintenance-free gearbox
 Protective grid
 Cardan shaft
 Distributing plate made of stainless steel
 Three-point attachment Cat. I
 Spray quantity regulation via one-hand lever



Adapter frame for using the spreader at tractors with attachment category Cat. II

RUBBER SLIDER MULTI



The SAPHIR rubber slider MULTI is suitable for use in sludge, snow, dung/much, feed. The pusher blade can be swivelled hydraulically and the side sections can be bent mechanically. The name „MULTI“ stands for the various options of attachment receptacle on the same machine. Used rubber strips are used to produce the rubber slider. There may be signs of use and wear. However, the functionality of the machine is not adversely affected by this.



Receptacle option for Euro / fork carrier / Cat. II combined, alternatively also available with farm loader receptacle



Side parts can be swivelled mechanically in an operator-friendly way using the mounting lever delivered



Device sizes

| Technical Data | MULTI 175 | MULTI 225 | MULTI 275 |
|---|-------------------|-------------------|-------------------|
| Blade width approx. (mm) | 1.750 | 2.250 | 2.750 |
| Blade height approx. (mm) | 400 | 400 | 400 |
| Blade thickness approx. (mm) | 35 | 35 | 35 |
| Clearing width approx. (mm) | 1.240 | 1.640 | 2.040 |
| Swivel range | 43° | 43° | 43° |
| Approx. weight in kg | 205 | 220 | 240 |
| Order-No. Euro / fork carrier / Cat. II | 574MULTI175 | 574MULTI225 | 574MULTI275 |
| €/piece | 1.390,00 € | 1.650,00 € | 1.950,00 € |

Surcharge for rubber shield with fabric insert: € 200 per model.

Attachment



| Name | Order-No. | €/piece |
|---|------------|----------|
| Combined mount Cat. II three point, fork tines mount | 574KOMBI | Series |
|  Farm and wheel loader up to 2.5 t lifting power | 574HOFRAD | 240,00 € |
|  Wheel loader and telescopic loader starting with 2.5 t lifting power | 574RADTELE | 430,00 € |

Accessories

| Name | Order-No. | €/piece |
|---|-----------|----------|
| Spare rubber with vertical, vulcanised steel wires for Multi 175 | 574003346 | 360,00 € |
| Spare rubber with vertical, vulcanised steel wires for Multi 225 | 574003347 | 440,00 € |
| Spare rubber with vertical, vulcanised steel wires for Multi 275 | 574000439 | 520,00 € |
| Spare rubber with fabric lining for coated feed tables for Multi 175 | 391002879 | 580,00 € |
| Spare rubber with fabric lining for coated feed tables for Multi 225 | 391002880 | 650,00 € |
| Spare rubber with fabric lining for coated feed tables for Multi 275 | 391002881 | 720,00 € |

RUBBER SLIDER MS

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FARM AND PASTURE MACHINERY



The SAPHIR rubber slider MS is suitable for use in sludge, snow, dung/muck, feed. Used rubber strips are used to produce the rubber sliders. There may be signs of use and wear. However, the functionality of the machine is not adversely affected by this.

- Rubber blade with vertical, vulcanised steel wires
- Rubber blade can be used in both sides
- Type S: Attachments Cat. II combined with fork tine receptacle
- Type E: Euro quick change receptacle

Device sizes

| Technical Data | Rubber slider MS-275-S | Rubber slider MS-275-E |
|------------------------------|-------------------------------------|------------------------|
| Blade width approx. (mm) | 2.600 | 2.600 |
| Blade height approx. (mm) | 400 | 400 |
| Blade thickness approx. (mm) | 35 | 35 |
| Attachment options | Three-point Cat. II, forklift forks | Frontloader (Euronorm) |
| Approx. weight in kg | 155 | 165 |
| Order-No. | 574401397-2 | 574401398-2 |
| €/piece | 1.040,00 € | 1.190,00 € |

Surcharge for rubber shield with fabric insert: € 200 per model.

Note: Goods are supplied fully fitted

Accessories

| Name | Order-No. | €/piece |
|--|-----------|----------|
| Spare rubber with vertical, vulcanised steel wires, for MS-275 | 574000439 | 520,00 € |
| Spare rubber with fabric lining for coated feed tables, for MS-275 | 391002881 | 720,00 € |

TRANSPORT CONTAINER TL



The SAPHIR transport container must be present in every farm and can be used, for instance, for the transportation of wood, vegetation, manure etc. For the easy and operator-friendly emptying, all machine sizes can be tipped mechanically.

- Attachment Cat. I/II
- Tank can be tilted
- Effortless release, since tilting point is on upper linkage bolt
- Bevelled scraper and riser edge
- Rear flap can be removed
- Mechanical unlocking

Device sizes

| Technical Data | TL 120 | TL 150 | TL 180 | TL 200 |
|---|-----------|-----------|-----------|-----------|
| Width (inside) approx. (mm) | 1.200 | 1.500 | 1.800 | 2.000 |
| Depth (inside) approx. (mm) | 1.000 | 1.000 | 1.000 | 1.000 |
| Height of container wall at the front (inside) approx. (mm) | 700 | 700 | 700 | 700 |
| Height of container wall rear (inside) approx. (mm) | 400 | 400 | 400 | 400 |
| Attachment | Cat. I/II | Cat. I/II | Cat. I/II | Cat. I/II |
| Permissible total weight approx. (kg) | 390 | 520 | 650 | 750 |
| Approx. weight in kg | 150 | 170 | 190 | 220 |
| Order-No. | 589TL120 | 589TL150 | 589TL180 | 589TL200 |
| €/piece | 770,00 € | 830,00 € | 880,00 € | 940,00 € |

Assembly effort: The headstock with tipping device must be mounted. The rear flap must be hooked in.

TRANSPORT CONTAINER TLH



The SAPHIR transport container TLH is the ideal help on the farm. The hydraulic tilting device enables the comfortable and continuous emptying of the tank. The optional extension sides can double the loading volume. The stanchions build the optimum extension for transporting branches, etc.

- Three-point attachment Cat. I/II
- Can be tilted continuously (approx. 50°)
- Bevelled scraper and riser edge
- Rear flap with 4 spring-loaded bolts
- Rear flap can be removed
- Kennfixx hydraulic couplings
- Container depth 1,100 mm
- 4 Receptacles for stanchions
- Holes for side extensions
- Lateral lashing eyes



Optional side extensions increase the loading volume.



Optional stanchions simplify the transportation of branches, etc.

Device sizes

| Technical Data | TLH 150 | TLH 180 | TLH 200 | TLH 220 | TLH 240 |
|--|------------|------------|------------|------------|------------|
| Approx. width in mm | 1.500 | 1.800 | 2.000 | 2.200 | 2.400 |
| Approx. depth in mm | 1.100 | 1.100 | 1.100 | 1.100 | 1.100 |
| Height of container wall (inside) approx. (mm) | 400 | 400 | 400 | 400 | 400 |
| Attachment | Kat. I/II | Kat. I/II | Kat. I/II | Kat. I/II | Kat. I/II |
| Required oil connections | 1 x dw | 1 x dw | 1 x dw | 1 x dw | 1 x dw |
| Permissible total weight approx. (kg) | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| Approx. weight in kg | 277 | 300 | 312 | 327 | 341 |
| Order-No. | 589409954 | 589409955 | 589409956 | 589409957 | 589409958 |
| €/piece | 1.440,00 € | 1.500,00 € | 1.550,00 € | 1.620,00 € | 1.720,00 € |

Note: Products are supplied fully assembled

Optional extras

| Name | Order-No. | €/piece |
|--|-----------|----------|
| Side extensions TLH 150 Height: 400 mm, screwable | 589409964 | 490,00 € |
| Side extensions TLH 180 Height: 400 mm, screwable | 589409965 | 510,00 € |
| Side extensions TLH 200 Height: 400 mm, screwable | 589409966 | 530,00 € |
| Side extensions TLH 220 Height: 400 mm, screwable | 589409967 | 550,00 € |
| Side extensions TLH 240 Height: 400 mm, screwable | 589409968 | 570,00 € |
| Attachment stanchions TLH / TLH Plus Height: 600 mm / screwable (cannot be combined with side extensions) | 589409963 | 130,00 € |
| Ventilation for conversion from dw to ew (loose accessory pack) | 589005237 | 10,00 € |
| Conversion from dw to ew (Assembled with original equipment) | 589005238 | 50,00 € |

TRANSPORT CONTAINER TLH PLUS



The SAPHIR transport container TLH PLUS is the optimal transport aid for severe cases. The permissible total weight of 2,000 kg is made possible by the massive design of the three-point tower. With a container depth of 1,250 mm and the optional side extensions, TLH PLUS offers any amount of stowage space. The hydraulic tilting device enables the comfortable and continuous emptying of the tank. The stanchions are the optimum extension for transporting branches, brushwood, etc.

- Three-point attachment Cat. I/II
- 2,000 kg permissible total weight
- Can be tilted continuously (approx. 50°)
- Bevelled scraper and riser edge
- Rear flap with 4 spring-loaded bolts

- Rear flap can be removed
- Kennfixx hydraulic couplings
- Container depth 1,250 mm
- 4 Receptacles for stanchions
- Holes for side extensions



Optional side extensions increase the loading volume.



Optional stanchions simplify the transportation of branches, etc.

Device sizes

| Technical Data | TLH 180 Plus | TLH 200 Plus | TLH 220 Plus | TLH 240 Plus |
|--|--------------|--------------|--------------|--------------|
| Approx. width in mm | 1.800 | 2.000 | 2.200 | 2.400 |
| Approx. depth in mm | 1.250 | 1.250 | 1.250 | 1.250 |
| Height of container wall (inside) approx. (mm) | 400 | 400 | 400 | 400 |
| Attachment | Cat. I/II | Cat. I/II | Cat. I/II | Cat. I/II |
| Required oil connections | 1 x dw | 1 x dw | 1 x dw | 1 x dw |
| Permissible total weight approx. (kg) | 2.000 | 2.000 | 2.000 | 2.000 |
| Approx. weight in kg | 345 | 360 | 375 | 390 |
| Order-No. | 589409959 | 589409960 | 589409961 | 589409962 |
| €/piece | 1.910,00 € | 1.970,00 € | 2.030,00 € | 2.090,00 € |

Note: Goods are supplied fully fitted.

Optional extras

| Benennung | Best.-Nr. | €/Stück |
|--|-----------|----------|
| Side extensions TLH 180 Plus Height: 400 mm, screwable | 589409969 | 550,00 € |
| Side extensions TLH 200 Plus Height: 400 mm, screwable | 589409970 | 580,00 € |
| Side extensions TLH 220 Plus Height: 400 mm, screwable | 589409971 | 610,00 € |
| Side extensions TLH 240 Plus Height: 400 mm, screwable | 589409972 | 640,00 € |
| Attachment stanchions TLH / TLH Plus Height: 600 mm / screwable (cannot be combined with side extensions) | 589409963 | 130,00 € |
| Ventilation for conversion from dw to ew (loose accessory pack) | 589005237 | 10,00 € |
| Conversion from dw to ew (Assembled with original equipment) | 589005238 | 50,00 € |

TRANSPORT CONTAINER TLH MULTI



The SAPHIR transport container TLH Multi is the universal helper for home and farm. Two hydraulic cylinders enable a tilt angle of approx. 100°. The transport container offers attachment options for Euro/fork tines and Cat. II.

Because of the flat design, the scraper bar can be lowered till the ground without diagonal position. Optimum requirements for the easy loading and unloading.

- Can be tilted continuously (approx. 100°)
- Highly wear-resistant scraper bar 150 x 15 mm (400 HB)
- Rear flap can be swivelled with 4 spring-loaded bolts
- Rear flap can be removed
- 2 lashing points each at the lower edge of the side walls
- Kennfixx hydraulic couplings
- Container depth 1,250 mm
- Inner pocket dimension of the fork tine receptacle approx. 105 x 55 mm



The massive headstock combines the attachment options for three-point Cat. II Euro and fork tines (inner pocket dimension approx. 105 x 55) and is suitable for front and rear attachment. The rear flap can be locked in 2 positions with the spring-loaded bolts.



The upper cylinder provides for lifting the container from the ground position.



Highly wear-resistant scraper bars extend the service life and enable the wear-free transport of loose bulk material.



The lower cylinder tilts the container.



The tilting rear flap increases the loading volume and acts as overflow protection.

Device sizes

| Technical Data | TLH 180 Multi | TLH 200 Multi | TLH 220 Multi | TLH 240 Multi |
|--|---------------|---------------|---------------|---------------|
| Approx. width in mm | 1.800 | 2.000 | 2.200 | 2.400 |
| Approx. depth in mm | 1.250 | 1.250 | 1.250 | 1.250 |
| Height of container wall (inside) approx. (mm) | 450 | 450 | 450 | 450 |
| Attachment | combined | combined | combined | combined |
| Oil connections required | 1 x dw | 1 x dw | 1 x dw | 1 x dw |
| Permissible total weight approx. (kg) | 3.000 | 3.000 | 3.000 | 3.000 |
| Weight (kg) | 446 | 470 | 486 | 501 |
| Order-No. | 589409974 | 589409975 | 589409976 | 589409977 |
| €/piece | 2.300,00 € | 2.380,00 € | 2.440,00 € | 2.500,00 € |

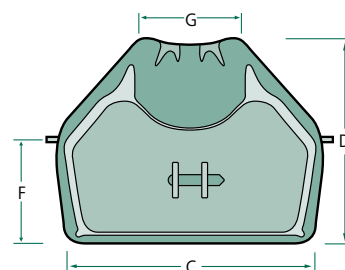
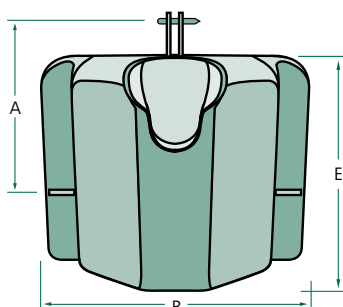
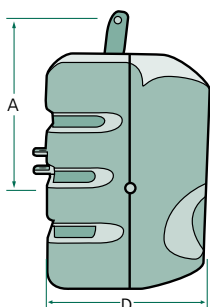
Note: Products are supplied fully assembled

STANDARD REINFORCED CONCRETE WEIGHTS



- Design of high-quality reinforced concrete with cast steel basket
- Three point linkage Cat. II
- ST 250 kg: Three point linkage Cat. 0 / Cat. I
- Stable and safe tow bar
- Shunting coupling for fast coupling and decoupling of vehicle
- For front and rear attachment

| Technical Data | ST 250 kg Cat. 0/I | ST 400 kg | ST 600 kg | ST 800 kg | ST 1000 kg | ST 1200 kg | ST 1500 kg |
|--------------------------|-----------------------|--------------|--------------|--------------|---------------|---------------|---------------|
| Attachment | Cat. 0/I | Cat. II | Cat. II | Cat. II | Cat. II | Cat. II | Cat. II |
| Dimension A approx. (mm) | 465 | 380 | 440 | 520 | 520 | 540 | 540 |
| Dimension B approx. (mm) | 780 | 780 | 950 | 950 | 950 | 1060 | 1060 |
| Dimension D approx. (mm) | 450 | 480 | 620 | 630 | 630 | 800 | 800 |
| Dimension E approx. (mm) | 580 | 580 | 640 | 860 | 860 | 810 | 910 |
| Dimension F approx. (mm) | 420 | 240 | 300 | 300 | 300 | 470 | 470 |
| Approx. weight in kg | 250 | 400 | 600 | 800 | 1.000 | 1.200 | 1.500 |
| Order-No. | 391000250ST | 391000400ST | 391000600ST | 391000800ST | 391001000ST | 391001200ST | 391001500ST |
| €/piece | 600,00 € | 580,00 € | 660,00 € | 750,00 € | 870,00 € | 1.060,00 € | 1.300,00 € |



REINFORCED CONCRETE WEIGHT TOP



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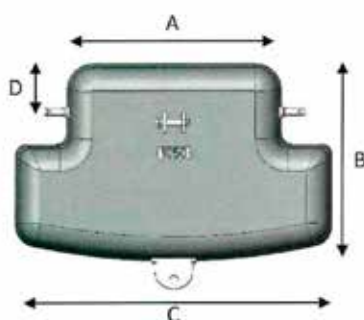
FARM AND PASTURE MACHINERY



- Design made of high quality reinforced concrete with integrated steel basket
- Three-point linkage Cat. II
- Shunting coupling for quick coupling and uncoupling of vehicles
- High ground clearance because of appropriate dimensions
- The intake point shifted to the back achieves a better effect of the weight on the towing axle
- For front and rear attachment
- Reflectors (3M foil) with strong luminosity for more safety

Device sizes

| Technical Data | TOP 450 kg | TOP 750 kg | TOP 1050 kg | TOP 1450 kg |
|--------------------------|--------------|--------------|--------------|--------------|
| Attachment | Cat. II | Cat. II | Cat. II | Cat. II |
| Dimension A approx. (mm) | 800 | 800 | 800 | 800 |
| Dimension B approx. (mm) | 530 | 600 | 705 | 825 |
| Dimension C approx. (mm) | 800 | 1.115 | 1.145 | 1.440 |
| Dimension D approx. (mm) | 140 | 150 | 160 | 160 |
| Dimension E approx. (mm) | 210 | 300 | 310 | 320 |
| Dimension F approx. (mm) | 515 | 615 | 655 | 695 |
| Dimension G approx. (mm) | 485 | 590 | 610 | 645 |
| Dimension H approx. (mm) | 320 | 310 | 285 | 250 |
| Order-No. | 391000450TOP | 391000750TOP | 391001050TOP | 391001450TOP |
| €/piece | 650,00 € | 750,00 € | 880,00 € | 1.160,00 € |



NEW GENERATION REINFORCED CONCRETE WEIGHTS

06

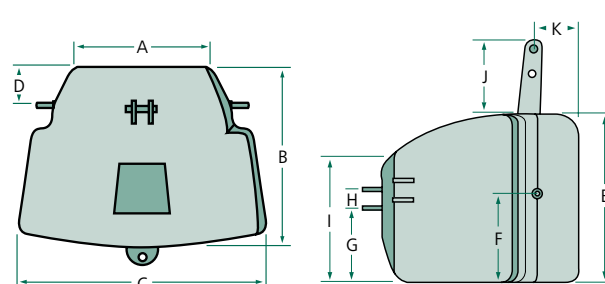
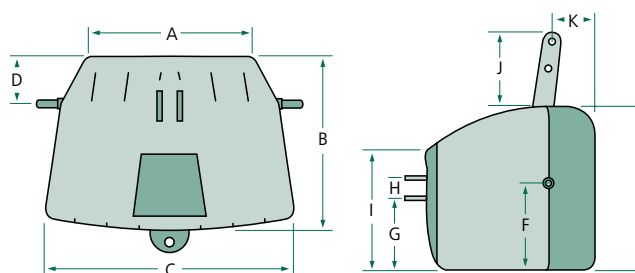
FARM AND PASTURE MACHINERY

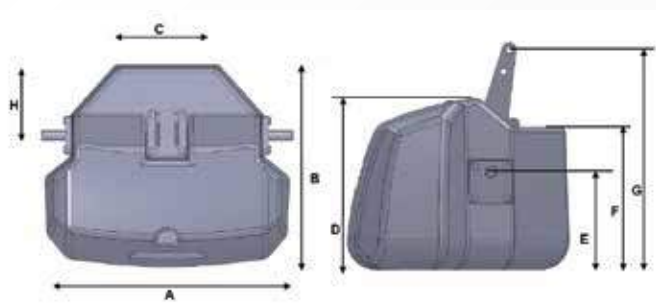


- Design of high-quality reinforced concrete with integrated steel basket
- Three point linkage Cat. II Cat. II
- NG 400 kg with Cat. I or Cat. II
- Shunting coupling for fast coupling and decoupling of vehicles
- High ground clearance due to favourable dimensions
- The attachment point transferred to the back has a better effect on the weight on the tractor axle.
- Well-shaped format, optically adapted to the tractor hood
- For front- and rear attachment

Device sizes

| Technical Data | NG 400 kg Cat. I | NG 400 kg Cat. II | NG 650 kg | NG 900 kg | NG 1100 kg | NG 1500 kg |
|---|---------------------|----------------------|-------------|-------------|-------------|-------------|
| Attachment | Cat. I | Cat. II | Cat. II | Cat. II | Cat. II | Cat. II |
| Dimension A approx. (mm) | 760 | 600 | 560 | 560 | 600 | 600 |
| Dimension B approx. (mm) | 660 | 530 | 600 | 750 | 800 | 970 |
| Dimension C approx. (mm) | 878 | 880 | 870 | 1.000 | 1.100 | 1.180 |
| Dimension D (middle of the bolt) approx. (mm) | 102 | 100 | 110 | 110 | 110 | 110 |
| Dimension E approx. (mm) | 450 | 470 | 600 | 640 | 680 | 750 |
| Dimension F (middle of the bolt) approx. (mm) | 195 | 270 | 320 | 335 | 350 | 390 |
| Dimension G approx. (mm) | 200 | 200 | 265 | 270 | 300 | 330 |
| Dimension H approx. (mm) | 57 | 90 | 90 | 90 | 90 | 90 |
| Dimension I approx. (mm) | 350 | 360 | 460 | 460 | 470 | 530 |
| Dimension J (middle of the hole) approx. (mm) | 78 | 245 | 245 | 275 | 275 | 275 |
| Dimension K (middle of the hole) approx. (mm) | - | 130 | 130 | 135 | 135 | 135 |
| Approx. weight in kg | 400 | 400 | 650 | 900 | 1100 | 1500 |
| Order-No. | 391000400NG-I | 391000400NG | 391000650NG | 391000900NG | 391001100NG | 391001500NG |
| €/piece | 750,00 € | 650,00 € | 760,00 € | 900,00 € | 1.040,00 € | 1.350,00 € |





- Design of mineral cast
- Three point linkage Cat. II
- Shunting coupling for fast coupling and decoupling of vehicles
- Available with up to 2,500 kg
- Compact design
- Lower link and top link bolts Cat. III in MG 2500 and MG 2500, Spread Cat. II

Device sizes

| Name | MG 1600 kg | MG 1800 kg | MG 2000 kg | MG 2500 kg |
|--------------------------|-------------|-------------|-------------|-------------|
| Dimension A approx. (mm) | 1.150 | 1.200 | 1.200 | 1.540 |
| Dimension B approx. (mm) | 800 | 900 | 900 | 875 |
| Dimension C approx. (mm) | 380 | 380 | 380 | 380 |
| Dimension D approx. (mm) | 650 | 695 | 695 | 760 |
| Dimension E approx. (mm) | 345 | 345 | 345 | 375 |
| Dimension F approx. (mm) | 580 | 620 | 620 | 690 |
| Dimension G approx. (mm) | 930 | 960 | 960 | 1.180 |
| Dimension H approx. (mm) | 280 | 285 | 285 | 285 |
| Approx. weight in kg | 1.600 | 1.800 | 2.000 | 2.500 |
| Order-No. | 391001600MG | 391001800MG | 391002000MG | 391002500MG |
| €/piece | 2.400,00 € | 2.540,00 € | 2.750,00 € | 3.290,00 € |

CAST WEIGHT B



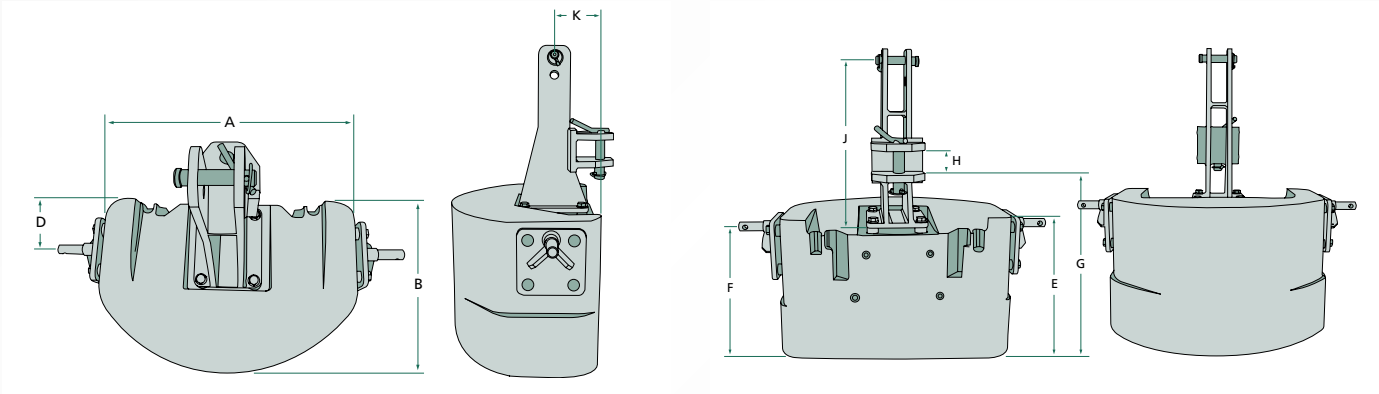
- Cast steel design
- Three point linkage Cat. II
- Very compact design (free cooler and free lighting)
- Shunting coupling
- Threaded inserts to fix an optional adapter plate

Device sizes

| Technical Data | B 900 kg | B 1200 kg |
|---|------------|------------|
| Dimension A approx. (mm) | 685 | 875 |
| Dimension B approx. (mm) | 485 | 610 |
| Dimension D approx. (mm) | 195 | 305 |
| Dimension E approx. (mm) | 440 | 440 |
| Dimension F approx. (mm) | 380 | 375 |
| Dimension G approx. (mm) | 565 | 565 |
| Dimension H approx. (mm) | 65 | 65 |
| Dimension J (middle of the hole) approx. (mm) | 485 | 485 |
| Dimension K (middle of the hole) approx. (mm) | 70 | 70 |
| Approx. weight in kg | 900 | 1200 |
| Order-No. | 391000900B | 391001200B |
| €/piece | 2.150,00 € | 2.850,00 € |

Special fittings

| Name | Order-No. | €/piece |
|---|-----------|----------|
| Adapter plate with arrester hooks Cat. II | 391000556 | 420,00 € |



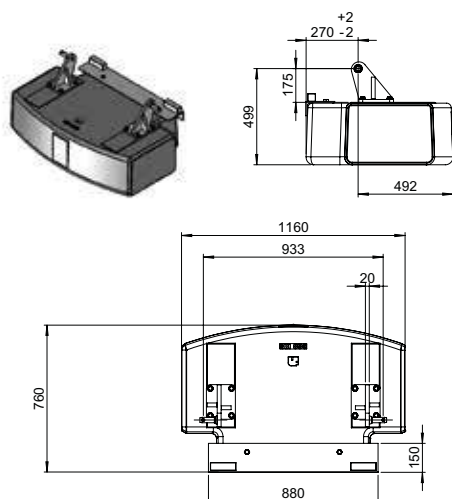


- Magnetite cast design
- Three point linkage Cat. II with bolt Cat. III
- Very low centre of gravity in the rear hydraulics system
- Free hitch on the tractor and, if necessary tow bar on vehicles/ machines (depending on the design and type of tractor)
- Free electrical, compressed air and hydraulic connections on the tractor

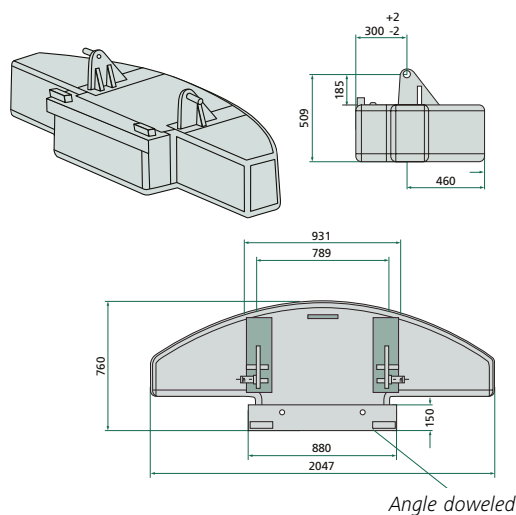
Device sizes

| Technical Data | Rear weight 600 kg | Rear weight 900 kg | Rear weight 1250 kg | Rear weight 1450 kg |
|----------------------|-----------------------|-----------------------|------------------------|------------------------|
| Approx. weight in kg | 600 | 900 | 1.250 | 1.450 |
| Order-No. | 391000600HECK | 391000900HECK | 391001250HECK | 391001450HECK |
| €/piece | 1.200,00 € | 1.550,00 € | 1.850,00 € | 2.200,00 € |

Rear weight 600 & 900 kg



Rear weight 1250 & 1450 kg



[illegible]

SPECIFIC PAYLOAD WEIGHTS

| Silage | kg/m3 |
|------------|-------|
| Grass | 800 |
| Feed rye | 920 |
| Maize | 820 |
| Maize, CCM | 850 |
| Clover | 900 |
| Potatoes | 1,000 |
| Beet leaf | 1,000 |

| Root crops | kg/m3 |
|------------|-------|
| Potatoes | 730 |
| Beet | 700 |

| Fuel | kg/m3 |
|--------------|-------|
| Logs | 750 |
| Anthracite | 900 |
| Briquettes | 1,250 |
| Green oak | 1,000 |
| Green spruce | 750 |

| Straw and hay | kg/m3 |
|-------------------|-------|
| Loose straw | 60 |
| Round straw bales | 140 |
| Loose hay | 70 |
| Round hay bales | 140 |

| Miscellaneous | kg/m3 |
|---------------|-------|
| Loose snow | 130 |
| Damp snow | 550 |

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Illustrations sometimes show optional extras. Valid from 01/11/2019.

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