

OUR PRODUCT RANGE





Route description via the motorway A1 / A43

Follow A1 to exit Münster-Süd. Then take A43 in direction of Wuppertal/Recklinghausen. Leave A 43 at exit Nottuln. After leaving motorway continue in direction Coesfeld on B252 until you pass through Gescher. Then take right turn in direction of Stadtlohn. Drive straight through Stadtlohn until you cross the L572. Then turn right in direction of Ahaus/Rheine. After 5 km turn left. A sign on the L572 indicates the way to our plant.

Route description from motorway A2/3 and A31

Follow A2/3 to junction Bottrop. Then change to A31 in direction Gronau. Take exit Gescher. Turn left in direction Stadtlohn/Winterswijk. After passing through Gescher, turn right in direction Stadtlohn. Continue through Stadtlohn until you cross the L572. Then turn right in direction of Ahaus/Rheine. After 5 km turn left. A sign on the L572 indicates the way to our plant.

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UNI-Mower

UMT 10/13/15/18

UMK 16/18/21

The compact construction of the universal usable mower-, mulcher- and crusher machines UMT and UMK makes them specially suitable for small tractors from 13 kW (18 hp) upwards. They are available in working widths of 1.0 meter up to 2.10 metres. The versatile adjustment possibilities of the attachment point of the three-point hydraulic, enables the mounting of the unit onto every three-point coupler. The Uni-Mowers are available as front or rear unit and as combined front and rear unit.

Areas of use

The areas of use are varied, from the use on agricultural areas, in fruit- and vineyards, on the verges of roads, wood paths, on sports-, leisure-, training-, shooting- and air-fields. The robust and simple construction makes the mowers insensitive to foreign matters such as stones, pieces of iron or wood and other matters. All sorts of grass can be mowed. Even reed grass or thorny brushwood are no problem.

The roller which covers the full mowing width ensures a good mowing result even on uneven ground. The rough adjustment of the cutting height is effected by adjusting the roller. The finer adjustment is effected by means of the upper handle bar.

On request, the units are available with a mechanical or a hydraulic side sliding. The shifting is possible for both front and rear attachment. This sliding possibility ensures that even areas which are not easily accessible can be mowed, such as under trees or bushes, near fences and path edges.

Optional the Uni-Mower UMK can be provided with a flail shaft with swinging heavy-duty flails. Thereby a working with growth and thorny brushwood is possible. Alternative the Uni-Mower UMT and UMK can be equipped as fine cutting-flail mower. The grass is much mulched and rots faster.



UMT 15 with hydraulic drive, front mounting



UMT as fine cutting flail-mower



UMT 13 rear mounting



UMK 18 front mounting



UMK 18 rear mounting





PMK 18 mounted on Reform



MK 15 at the wheel-loader



UMK 21 at the wheel-loader



MK 12 at the digger

UNI-Mower PMK 18 / PMK 21

The UNI-Mower PMK is special developed for working in scarp. The mower-unit is intended for front-mounting in the three-point hydraulic of special vehicle, like Aebi or Reform.

The unit is pulling over the mounting-truss hunged up, so that an optimum control of the mower-head can take place. A optimum control of the mower-head is guaranteed. A sideswinging is also possible.

Mowerhead for Wheel-Loader and Diggers

Front-Flail-Mower serie MK for wheel-loader

For mounting in the wheel-loader wing, drive hydraulically of the carrier vehicle. The mowerhead is equipped with a changeable wear-pead-lining for protection against wear and for conterbore the sound level of working. The unit is lead on a roller who is mounted at the whole width of the mower. A mechanical side sliding is build in standard.

For a optimum ground adjustment the mowerhead connected with the wheel loader by a pulling-hang up parallelogram. In transport position the mowerhead is protected by 2 steel cables.

Uni-Mower serie UMK for mounting on wheel-loader

For mounting in the wheel-loader wing, drive hydraulically of the carrier vehicle. The unit is equipped with a hydraulically side-sliding for approx 60 cm. The mounting frame is equipped with a pendular-compensation, which provides for a optimal ground-adjustment. The UMK is lead on a roller, who is mounted at the whole with the mower.

Flail-Mower-Head MK 12 for diggers

Working width 1,20m with hydraulically drive by hydraulic motor and v-belt drive. The mowerhead is equipped with freerunning flat-flails. The mowerhead is equipped with a changeable wear-pad-lining for p rotation against wear and for counterbore the sound level of working. At the whole working width a roller is mounted. The mowerhead is equipped with an adapter for mounting on a digger arm. For a optimum ground adjustment the mower head is connected with the pulling-hang up parallelogram. Additional a fitting by the longitudinal axis is possible. A mechanical lathing of the mowerhead is possible. On request the adapter can also construct for quick-change-system.

Uni-Mower

UM 19/23/27/30/40

Construction

The Uni-Mowers UM with working widths from 1.6 – 4 meters are versatile usable mower- mulcher and crusher machines. They are specially suitable for medium-sized and large tractors. The Uni-Mowers are available as front or rear unit and as combined front and rear unit.

Flail Shaft – Flail

The heavy flails (2 kg) made from spring steel are loosely hung into the flail shaft and secured by means of a screw. During mowing, the centrifugal force brings the beetle into the correct position. Should larger items obstruct during use, the flail moves to the rear of the machine.

The electronic-dynamic balancing of the flail shaft, the special suspension and the special construction of the flails made from spring steel, result in a favourable and power-saving rotational speed of the flail shaft.

Optional the Uni-Mower UM can be provided with a flail shaft with swinging heavy-duty flails. Thereby a working with growth and thorny brushwood is possible.

Lower rotation speed also results in lower wear and helps to reduce the fuel consumption of the tractor. All rear attachments units are delivered with a PTO-shaft with 540 rpm (except UM40). A PTO-shaft with 1000 rpm is available on request.

Collecting bag

The Uni-Mowers UM 19 – 23 – 27 can also be equipped with an additional collecting bag for the collection of the mowed material. The attachment to front machines is not possible.

The hydraulic cylinder enables the basket to be tipped. The mowed material is then collected at one point or emptied into swaths.

Recommended for use on camping sites, leisure fields and paddocks. Old grass is mowed and the material is collected.



UM 27 mowing



UM 27 front mounting with side-sliding



UM 19 with collecting bag

UM 27
with side-sliding



Large-Area-Mower GFM 740

3 flail-mower of the series UM

Working width: 7,40 meter
Power requirements: minimum 140 kW (190 HP)
Output per area: 6-8 ha/h
Revolution of PTO shaft: 1000 PRM

The GFM 740 can be used in closed-building and splitted-building form. The GFM 740 in closed-building form will be operated in thrust way device. The cutting height is central adjustable by the top link and on each mower without any difficulty. The hydraulically control system for relief provide for a protection of the ground and a optimum work result.

At hitting on a barrier the mower on the side avoid to the rear, so the mower is protect against damages. For a better comfort the GFM 740 will be get hydraulically in working- and transport position. For a space saving storage the GFM 740 can be parked in transport position. The mower of the middle can also separate be used for smaller work.



Combination UM 27 in front and USM 18 in rear mounting



Combination UM 27 and USM 26 rear mounting



GFM 740 in transport position



GFM 740 in splitted building form



UNI-Side Mower

USM 10/13/15/18/21/26

SMT 15 and SMK 15/18

The Uni-Side Mower USM operates as rear unit in a norm three-point hydraulic, offset next to the vehicle. The USM 10 – 13 are constructed for light trucks, the USM 15 – 26 for middle-sized and heavy trucks.

The Uni-Side Mower SMT and SMK operates as front unit, offset next to the vehicle.

The Uni-Side Mower is infinitely variable in its working adjustment, so that it is usable on the most difficult slopes and embankments. It is a universally usable mowing and mulching machine for the mowing of:

- Verges
- Embankments
- Fallow land
- Leisure Areas
- Edges of Fields
- Green Fertilizer
- Green Fallow Ground
- Mucking of Fields etc.

There is a good view of the working mower. The steering is effected from the hydraulic control system of the vehicle. Both together ensure a secure handling.



USM 13



USM 13 in transport position



USM with conveyor belt for putting down mowed material at the side

USM 18





SMT in transport position on a tractor



SMK at the tractor



SMK in use on a Unimog U 423



SMT in use on a Unimog U 400



SMT in transport position on a Unimog

The built-in hydraulic resp. mechanical overload safety fuse avoids damages to the machine in the case of unintended starting at obstacles.

In the special equipment the Uni-Side Mower is equipped with a hydraulic side sliding. (USM 15-21, SMK 15-18).

When steered from the truck hydraulic, the position can be changed by 60 cm, depending on requirements. Reflector posts, trees and other obstacles can be avoided without problems.

By changing the working unit, the Uni-Mower SMT 15 can also be used as brush for wildgrowing herbs.

The Uni-Mower SMK is constructed for extensive working with growth and thorny brushwood.

Optional the Uni-Sidemower USM 15 – 26 and SMK can provided with a flail shaft with swinging heavy-duty flails. Thereby a working with growth and thorny brushwood is possible.

Alternative the Uni-Sidemower USM 10 and 13 can be equipped as fine cutting-flail mower. The grass is much mulched and rots faster.

SMK at the tractor



Verge Mower RSM 13

The verge mower RSM 13 is operated by a computerized control system, which takes optimum advantage of mowing around reflector posts, road signs and trees. Due to the unique cinematic arrangement of the swivelling point and due to the specially designed run of the mower-head guide, even large surfaces of area to be mowed lying behind crash guides are reached.

The mower-head is swivelled to the front and then guided by means of a parallel guided arm. The sliding enables an exact adjustment of the mowing unit, even in very narrow areas.

The mower-head is equipped with a flail-shaft, which offers high security against stoning due to its cutting system and the optimally arranged cutting units. Optionally a taumel-rotor is available. All functions are effected automatically; a manual oversteering is possible at any time. Besides this, the pressure of the mower-head can also be varied infinitely.

The mower-head adapts itself automatically to the slope on embankments. A rebuilding from working on the left to working on the right side is possible in short time.



RSM 13 mowing under guiding device



RSM 13 on a Fendt

Verge Mower MGK 13

The Mower Device MGK 13 is designed as verge mower and reflector-post mower. The basic equipment is mounted to local carrier vehicles with hydraulic drive.

The mower can be equipped with a flail-mower-head, optional with touchautomatic or a manual control.

An electro-hydraulic steering for the movement of the hydraulic cylinder is integrated in the basic unit. The control panel is mounted in the cab. A hour meter and a hydraulical ride-safety-device is build in standard.

A reflector-post mower is also available.

Reflector posts, traffic signs and guiding device are released from the grass. Two sensor-steered mower-disks are led exakt and ensure a completely clean mower-result. The computerised control finds its use also here.



MGK 13 mowing of verges

MGK 13 in action on reflector posts





KBM 350 with flail-mower-head in rear-mounting, working on the right



KBM 350 with hedge cutter in front-mounting, working on the right



UNA 200 with reflector post cleaner



UNA 200 with MKL 10

Outrigger KBM 350

The outrigger KBM 350 is available as combined unit for front and rear mounting on small trucks from 19 kW (25) upwards. A rebuilding from front to rear mounting, or working on right to working on left side is possible.

The mounting is effected on the three-point hydraulic Cat. I + II. The drive of the working units is effected hydraulically. The integrated hydraulic unit is operated by the PTO-shaft. The control of the extension arms is effected by means of the supplied electro-hydraulic control systems.

Also available for delivery are:

- Hedge cutter HSL 15 for branches up to 3 cm Ø
- Hedge cutter HS 16 for branches up to 4.5 cm Ø
- Pavement cleaner PFP 60

The KBM 350 is also equipped with a clear control with plain symbols and a one-lever-joy-stick with arm support for easy control of the arms.

Outrigger UNA 100, UNA 200

The outrigger UNA 100 and 200 are specially intended for mounting on multi-municipal-vehicle with own hydraulic unit and hydraulically height adjustable front-mounting plates.

- Working area:
to the left, to the right or in front of the vehicle
- Working area: 210°
- Working in front of, below and behind guiding devices (UNA 200)
- Shiftable by 1.15 meter
- Working width from middle of the vehicle up to 3.4 meter
- Can be folded in front of the vehicle for transport thereby a clear view during transport
- Evasive system when starting at obstacles
- Mechanical sliding forward of arm
- Extremely strong mower-head at low tare

Outrigger DBM 400

The outrigger DBM 400 with the range from up to 4.45 meters, a small transport width and a great number of working equipment is a universally usable outrigger arm.

The outrigger DBM 400 is specially designed for front-mounting on local carrier or tractor into the three-point cat. I + II or on the mounting plate.

Due to its special kinematics the Dücker outrigger DBM 400 allows flexible and easy use in almost every working position.

- Working area: left, right and in front of the vehicle
- Working in front of, below and behind guiding devices
- Working on embankments
- Working width from middle of the vehicle up to 4.45 meter
- Can be folded in front of the vehicle for transport thereby a clear view during transport
- Evasive system when starting at obstacles
- Extremely strong mower-head at low tare
- Mechanical sliding forward of arm



DBM 400 mowing



DBM 400 in transport position on a tractor (Fendt)

Outrigger MBM 400

The outrigger MBM is specially designed for front-mounting on local carrier or tractor of the 80 HP-class (approx. 6 tons). The power of the working equipment be provided by in the device integrated hydraulic system, which is driven by the PTO-shaft, or the hydraulic system of the carrier vehicle will be used.

- Working area: left, right and in front of the vehicle
- Working in front of, below and behind guiding devices
- Shiftable for 1.40 meters
- Working width from the middle of the vehicle up to 4.60 meters
- Evasive system when starting at obstacles
- Can be folded in front of the vehicle for transport, so a clear view during transport



MBM 400 in transport position

The MBM 400 at a Fendt mowing of an embankment





UNA 600 with AWS 22



UNA 500 in transport position



UNA 600 mounted in rear mounting

Outrigger UNA 450, 500 and 600

The outriggers UNA 450, UNA 500 and UNA 600 are universally usable outrigger arms, which are mounted to the front quick change plates. The working area of the arms range from working on the left to working directly in front of the vehicle, up to working on the right side of the vehicle up to a total distance of approx. 16 m (UNA 600). The arms which are mounted on special rails are hydraulically shiftable by 1.6 m.

The working device always stays in the same parallel height when sliding the arm. This arrangement makes the readjustment of the arms and the working devices unnecessary when mowing around obstacles like reflector posts, guiding device, traffic signs etc.

A float position enables the device to adapt itself to the respective surface conditions. The available working equipment are infinitely rotatable by 360°.

Control System:

- Electro-hydraulic one-lever or doublelever control system
- Electro-proportional one-lever control system
- Digital proportional one-lever control system via CAN-BUS with working hour counter, per day and total, therefore optimum coordination of unit and driver
- Tasttronic – digital one-lever control system, collection of signals via strain control strips (without movable operating elements) and CAN-BUS computer supported bearing pressure regulation of mower-head (also on opposite embankment)

The UNA 450 at a
Unimog 318



Outrigger

DUA 700 and DUA 800

The outrigger arm of the series DUA are constructed for front mounting into the vehicle plate size 3 or 5. The arms are movable and mounted onto a sliding frame. The DUA-arms consist of 3 arms (DUA 700) or 3 arms and a telescope arm (DUA 800). A hexagon profile was used for the arms as perfect protection against twisting and distortion. To take up the working units, a swing head is situated at the end of the last extension arm. The swivelling range is 260°.

The control system is operated via a one-level-joystick and a keyboard as well as a display. The control data from the joystick resp. the data from the display are processed by a computer (CCU) and transferred to the hydraulic valve. This guarantees an easy and safe operation of the DUA-arm.

- Working area: to the left, to the right and in front of the vehicle
- Swivelling range of the outrigger 210°
- Working in front of, underneath and behind crash barriers as well as on embankments
- Shiftable for 1.60 meter
- Working width from middle of vehicle
DUA 700 up to 6.8 meter
DUA 800 up to 7.8 meter
- Can be folded in at front of vehicle for transport thereby a clear view during transport
- Hydraulic shifting of arms
- Evasive system when starting at obstacles
- Extremely strong mower-head at low own weight
- Exchangeable working equipment



The DUA 700 with AWS 22 at a Unimog



Outrigger DUA 800 with tunnel washing machine



DUA 800 - The telescope arm enable a drive over traffic signs



Mower Combination MK 25

By combining two basic units, a mower combination has been developed which is very suitable for front-mounting and single-person operation.

In addition to the DUA, the verge mower RSM with its computerized touch-automatic has been mounted on the sliding frame. The newly developed touch-automatic system enables a trouble-free mowing.

The large extension arm enables the outrigger DUA to cover the second step behind crash guides. Equipped with TASTTRONIC, the mowerhead is guided excellently. Also step 3 and 4 can be effected with the DUA.

Both the DUA as well as the verge mower RSM 13 can be used individually.



MK 25 mounted on a tractor (Fendt)



MK 25 in use on a tractor (John Deere)



MK 25 in transport position on a tractor (Steyer)

*Mower Combination MK 25
(DUA 800 and RSM)
in use on a light truck (Unimog)*



DÜCKER Working Equipment



TMK 10/13
Flail-Mower-Head
Working width: 1000/1300 mm
Revolutions of shaft: 2200 rpm
Weight: 180 kg/210 kg



MKL 10
Flail-Mower-Head
Working width: 1000 mm
Revolutions of shaft: 2700 rpm
Weight: 180 kg



MKT 10/13
Flail-Mower-Head
Working width: 1000/1300 mm
Revolutions of shaft: 2100 rpm
Weight: 240 kg/270 kg



MK 12
Flail-Mower-Head
Working width: 1250 mm
Revolutions of shaft: 2400 rpm
Weight: 320 kg



HSL 15
Cuttersystem
Working width: 1500 mm
Cutting thickness: until 30 mm
Weight: approx. 85 kg



HS 16/20
Hegde-Cutter
Working width: 1600/2000 mm
Cutting thickness: until 45 mm
Weight: approx. 120 kg/130 kg



AWS 13/22
Branch- and Hedge-Cutter
Working width: 1300/2200 mm
Cutting thickness: until 110 mm
Weight: approx. 160 kg / 230 kg



LPS 20
Clearance-Gauge-Cutter
Working width: 2000 mm
Revolutions of saw blades:
2600 rpm
Weight: approx. 220 kg



PFP 600/900
Pavement Cleaner
Working width: 600/900 mm
Revolutions of shaft: 150 rpm
Weight: 140 kg/190 kg



RWB 600
Radial-Weed-Brush
Working width: 600 mm
Revolutions of shaft: 150 rpm
Weight: 320 kg



TTM 13
Flail-Mower-Head
Working width: 1300 mm
Revolutions of shaft: 2800 rpm
Weight: 270 kg



GMK 12
Brushwood-Mower-Head
Working width: 1200 mm
Cutting thickness: until 60 mm
Revolutions of shaft: 2700 rpm
Weight: 350 kg



GSF 600
Ditch-Bottom-Cleaner
Working width: 600 mm
Revolutions of shaft: 800 rpm
Weight: 230 kg



LPW 500 Reflector post- and
signs-cleaner
Working width: 500 mm
Revolutions: max. 375 rpm
Weight: 150 kg



SWA 900
Sign-Washer-Machine
Width of brush: 900 mm
Revolutions of brush: 250 rpm
Weight: 155 kg



TWA 18
Tunnelwashermachine
Width of brush: 1800 mm
Revolutions of brush: 280 rpm
Weight: 285 kg

Fitting Frame for Front Loading FVA for Branch and Hedge Cutters

DÜCKER branch and hedge cutters guarantee an efficient and careful treatment of woods and hedges. The slow running blades of the shears guarantee a clean cut, without pulping and splitting. A clean cut surface remains, ideal conditions for new sprouting.

The branch and hedge cutters consist of one coarse toothed fixed knife and one mobile knife which is operated by a hydraulic cylinder. Due to the rather slow movements (no quick rotating parts) there is no danger of flying around parts of wood, splitters or saw dust. The control personnel and the mobile traffic are under no danger.

The low amount of cycles to and fro of the two cutting knives enables a clean cut and a safe use, even in horizontal position.

The Dücker-Fitting Frame FVA provides an opportunity to use different branch cutter and clearance-gauge-cutter on front loader, telescope loader or wheel loader. The fitting frame have a hydraulical evasive system with a side sliding for 1.60 m. The unit is applicable for right-hand or left-hand working.

A mounting of the branch and hedge cutter to different elevation systems (e. g. front or telescope loaders), outrigger arms, diggers or forest cranes is possible.



Wood Chipper Series H 230

Series 230 for wood thickness > 230 mm

The wood chipper of the series 230 fragmentise long wood, branches, twigs and brushwood, hard and dry wood as well as trunks with leaves and needles. The material to be fragmentised is lead into the cutting discs from a sloping position by means of horizontally situated draw-in rollers and then cut exactly by the three built-in knives. The built-in wood breakers ensure that even smaller twigs and branches are fragmentised perfectly. The draw-in rollers are operated by means of a hydraulic-motor and a slow running chain drive. An absolute synchronous run of the rolls is guaranteed. This arrangement of the upright situated rolls and the sloping feed to the chopping disc guarantees a steady feed-in and reduces the knocking of the material which is to be fragmentised.



Woodchipper H 230 in landscape-care with a trailer



Wood chipper HF 230 mounted on light truck (Unimog) mounted at the front on the vehicle plate

Wood Chipper Series H 130, 160, 200 and 250

Series 130 for wood thickness > 130 mm
Series 160 for wood thickness > 160 mm
Series 200 for wood thickness > 200 mm
Series 250 for wood thickness > 250 mm

The wood chipper of this series are equipped with heavy tandem cutting discs (H 130 and H 160 = 2 knives, H 200 and H 250 = 3 knives) which process thick problematic material with a high percentage of green safely and without any disturbances. Even after multiple grinding or after changing of discs, the chopping discs need no re-adjustment, due to fix-point suspension. Therefore the splitters are maintenance friendly and guarantee a quick exchange of discs.

Types available for delivery:

- For mounting at front into the device plate
- For mounting at rear into the three-point hydraulic
- Mounted onto tandem axle with diesel motor



H 160 during use on a tractor

Wood chipper HM 200,
mounted on one-axle chassis with turn ring





HM 160 mounted on one-axle chassis



HF 200 in use on a light truck (Unimog)



Wood chipper HM 130, mounted on one-axle chassis



HF 250 in use on a light truck (Unimog)



Wood chipper HM 250, mounted on one-axle chassis with turn ring



H 130 during use on a tractor



H 200 during use on a tractor



H 250 in use on a light truck (Unimog)

Sweeping Machines

The DÜCKER sweeping machines have been constructed for daily use under hardest conditions. The stable, distortion-free housing is manufactured from double-walled steel. The drive of the sweeping roller is effected either hydraulically by the vehicle hydraulic or, specially powerful, via the PTO-shaft of the carrier vehicle.

The sweeping roller oscillates itself independently. Due to this, it has an excellent surface contact over the total width and a sweeping of holes and unevenness is possible. An annoying adjustment via support wheels is not necessary. Besides this, the independent oscillation reduces the standing time considerably.

On request a generously dimensioned dirt-collecting-box is installed. It is opened and closed hydraulically. With free sweeping the box at the machine can remain and does not have to remove.

The hydraulically operated side-sweeping-broom is installed at the dirt-collecting-box and is infinitely variable in the number of revolutions. The diameter amounts to 700 mm.

The standard sweeping roller consists of disk brooms in synthetic material. In addition, there are available sweeping rollers of synthetic-flat-wire, snow sweeping rollers or sweeping rollers in honeycomb-shape.

On request the sweeping machines can be equipped with a hydraulically side slanting for 0.60 m. Thereby a working is also possible at curves.

The large range of accessories like water spraying unit, water high pressure system, water tank or dirt scratch ledge guarantee a versatile working area of the sweeping machines.



HDK in front mounting



HDK with side brush in action



FKM with hydraulic drive

SFK with dirt scratch-ledge





FKM with side sliding



FKM with brushes for cleaning of rail-grooves



FKM with drive via cardan shaft



SFK with dirt scratch-ledge and water high-pressure spraying unit

Sweeping Machine Series HDK

for working width of 1.3 to 2.7 meters

The compact construction of the sweeping machines HDK and also the versatile possibilities of adding units guarantee the mounting to tractors, municipal tool carriers, fork-lift trucks etc.

The sweeping machines HDK are available for front- or rear-mounting.

The sweeping roller of the HDK has a diameter of 600 mm.

Sweeping Machine Series FKM

for working width of 1.8 to 2.7 meters

The sweeping machines FKM has been constructed as front machines for tractors with three-point cat. II + III, light trucks (Unimog), trucks and wheel loaders.

The sweeping roller of the FKM has a diameter of 600 mm.

Sweeping Machine Series SFK

for working width of 2.0 to 3.0 meters

The sweeping machines SFK has been constructed as front machines for tractors with three-point cat. II + III, light trucks (Unimog), trucks and wheel loaders.

The sweeping roller of the SFK has a diameter of 700 mm.



Verge Milling Auger BRS

Grown up and increased banquetts prevent the water drain from the road and thus jointly responsible for aquaplaning. In the winter the water runs under the asphalt and the road surface freezes up.

The Verge Milling Auger BRS is inserted to mill the increased banquetts and to distribute the material sideways.

The front mounted device is equipped with a strong outrigger arm who leads the milling auger through the bottom. In addition to the milling auger there is also mounted an adjustable and moveable ploughshare.

Both, the outrigger arm with auger and ploughshare, can hydraulical be moved and adjustable on the front frame. The movement makes it easier to work around obstacles such as reflector posts, traffic signs etc.

The milling auger which is mounted on the end of the arm can be moved hydraulical to all directions. Used in conjunction with the shifting every setting can be driven.

The sense of rotation of the auger is set via an integrated control panel for the outrigger.

All working equipment of the outrigger arm such as mowerhead, branch cutter wild brushes etc. can be mounted alternative to the auger.



Verge Milling Auger BRS 15 in use



BRS 15 in use under guiding device

Mix Shredder DMS

The mobile Mix-Shredder DMS processes all waste where it is produced. This saves time and costs for transport as the original volume is reduced to 1/7th, so that approx. 40 cubic meter raw material is reduced to 5 cubic meter after having been through the DMS. The crushing in the Mix Shredder DMS is effected by a shredder and two screw conveyors.

The DÜCKER Mix Shredder System fragmentises in different sizes:

- Wood, roots, garden waste, cemetery waste, packaging material, plastic, house waste where it is produced
- Mixes the shredded material with grass, fertilizer, bio-waste etc.
- Builds up compost
- Re-stacks compost
- Loads shredded material onto loading surface of trucks, into containers etc.

The raw material which can be composted is conveyed easily and oxygen permeable onto compost heaps of up to 3 meter height by means of conveyor belts.

Available:

- On tandem axle 80 km/h
- On quick exchange frame for use in container systems
- Mounted fixed on truck
- Stationary with electric drive Additional aggregates
- Mounted crane with approx 6,8 meter range, this is the requirement for cost-saving single person operation
- Fixed diesel motor with noise protection-capsule – approx. 125 kW/170 hp power



Mix Shredder in transport position



Mix Shredder DMS with topmounted crane

Raised Verge Milling Machine BF 800 – towed SBF 900 – automotive

DÜCKER raised verge milling machine make the care of raised verges easy and free of problems. They replace the former process of cleaning out verges, which also involved much work. The surface of the milled verge is clean as well as crumbly and therefore very suitable for new sowing.

The great advantages of these machines:

- Milling off and transporting in one process
- No soiling of the roadway
- Hardly any influence on existing flow of traffic, as short-term mobile road works
- High working efficiency
- Extremely favourable cost/performance relation
- Insensitive to foreign matters
- No set-up time
- Single person operation

The DÜCKER raised verge milling machine BF 800 is just attached to the trailer coupling of a truck or a pulling vehicle. The raised verge milling machine is ready for immediate use. The DÜCKER raised verge cutter SBF 900 is our automotive edition. The drive and cutting is effected fully hydraulically. The vehicle to be loaded is pushed at the front by the raised verge milling machine SBF 900 by means of a roller. The milling machine therefore defines the working speed.

The very spacious, practical and comfortable cabin is equipped with a convex window screen. The driver therefore has an excellent view of the milling machine, to both sides and to the rear. The comfortable and adjustable seat which can be adjusted in accordance to the weight and size of the driver, the good heating, ventilation and well-situated control instruments ensure excellent ergonomic conditions.

The additional cutter extends the working width to 2 meter and also makes work under and behind the crash guides easier. The attached sweeping brush cleans the road surface during the same process.



Raised verge milling machine SBF 900



Raised verge milling machine BF 800 with screw



Raised verge milling machine SBF 900 at the lateral placing of the milling material



Technology for Environmental-, Landscape Care and Agriculture.



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