

Outrigger DBM 400

The Dücker outrigger DBM 400 can be used universally with a range of up to 4.45 metres, a low transport width and a large number of work implements.

The DBM 400 has specifically been designed for front attachment to municipal carrier vehicles or tractors and can be held by the three-point linkage in sizes cat. I. + II. or via an attachment plate.

With its special kinematics, the Dücker outrigger DBM 400 permits flexible and easy use in nearly any working position.

Conversion of the working position from right-hand work to left-hand work is possible easily and quickly.

- Working area: left, right and in front of the vehicle
- Work in front of, below and behind the guiding devices
- Work on embankments
- Working width starting from the middle of the vehicle up to 4.45 m
- Can be folded in in front of the vehicle for transport, thus providing free view on transport drives
- Evasion device when driving against obstacles
- Extremely high-performance mowing head at low dead weight
- Mechanical arm pre-adjustment

The Dücker outrigger DBM 400 may optionally be equipped with an integrated hydraulic system. They are driven by the PTO shaft of the carrier vehicle. On request, the hydraulic unit can also be delivered divided in rear attachment. On request, we optionally equip the hydraulic unit of the outrigger DBM 400 with a blower for cleaning the street.

The technical data and an overview of the possible attachments are given on pages 6 and 7.



DBM 400 mowing



DBM 400 in transport position on Fendt tractor

DBM 400 outrigger mowing





DBM 400, integrated hydraulic system



Hydraulic system in rear three-point (divided build), optionally with blower

Outrigger DBM 400 with DÜCKER-Tasttronic

The DÜCKER-Tasttronic is available as an option on the outrigger DBM 400.

The microprocessor-controlled control developed by DÜCKER provides all functions of the proportional single-lever control. In addition, the fully encapsulated signal recording integrated in the mowing head allows for automatic and very precise level adjustment. This allows for safe work at high driving speeds. The Tasttronic does not comprise any movable, dirt and dust sensitive actuators. The signal recording is performed by means of flexion and torsion measurements using strain gauges.

Another strong point is working on counter-embankments even if the driver does not drive at an exact distance. The Tasttronic can be overridden or switched off at any time. An emergency stop function provides the necessary safety. The Tasttronic protects the outrigger, the mowing head and the sod. The operator concentrates on driving and traffic while the mowing works largely automatic.

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DBM 400 with hedge cutter HS 16

Working Equipment



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



**HS 16
Hegde-Cutter**
Working width: 1600 mm
Cutting thickness: until 45 mm
Weight: approx. 120 kg



**HS 130 HR
Hegde-Cutter**
Working width: 1300 mm
Cutting thickness: bis 25 mm
Weight: approx. 165 kg



**TMK 10
Flail-Mower-Head**
Working width: 1000 mm
Revolutions of shaft: 2200 rpm
Weight: 180 kg



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



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



**LPW 500 Reflector post- and
signs-cleaner**
Working width: 500 mm
Revolutions of shaft: 375 rpm
Weight: 150 kg



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

KBM 350 control



*KBM 350 electro-hydraulic
control*

Controler UNA 100, UNA 200 and DBM 400



*Electro-hydraulic proportional
CAN-BUS Control, with multi-
controller, keypad and EloBau-
Joystick (button joystick)*



*Electro-hydraulic proportional
CAN-BUS Control with multicon-
troller, keypad and Gessmann-
Joystick (rocker-joystick)*



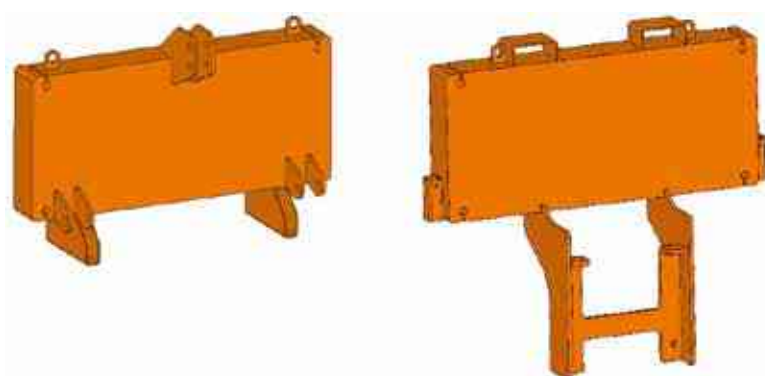
*Electro-hydraulic proportional
CAN-BUS Control with multicon-
troller, keypad and Danfoss-
Joystick (Rollen-Joystick)*



Counterweights and attachment plate

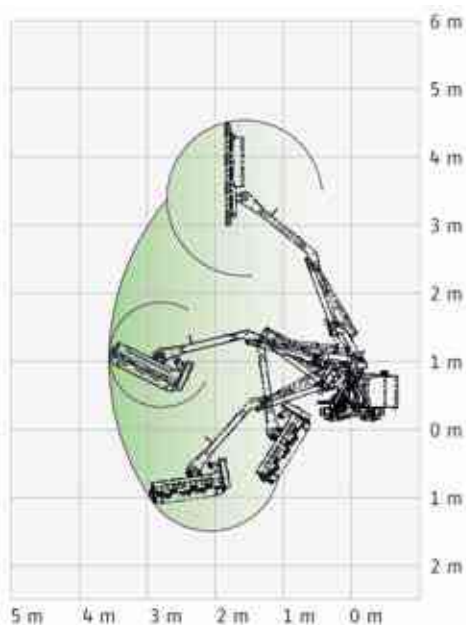


Attachment plate size F2

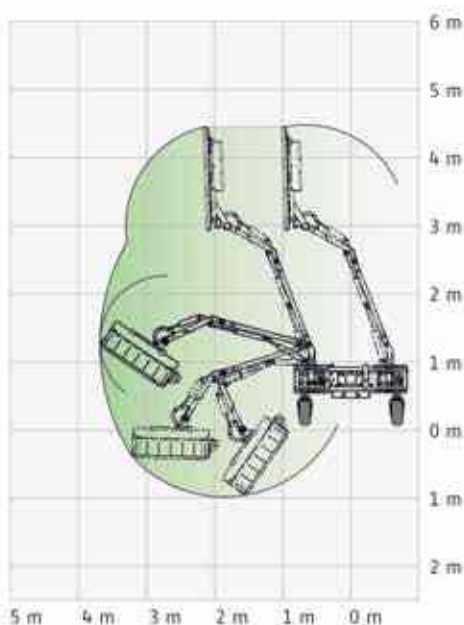


Counterweights for three-point or attachment fittings

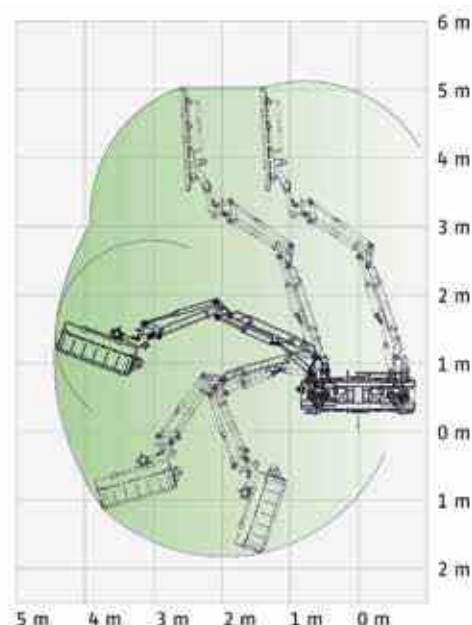
Range diagrams



KBM 350 ranges



UNA 200 ranges



DBM 400 ranges

Technical data

	KBM350	UNA 100	UNA 200	DBM 400
Range	3,50 m	1,80 m	3,40 m	4,45 m
Transport width	1,65 m	1,65 m	1,65 m	1,70 m
Weight basic device	470 kg	225 kg	320 kg	380 kg
Displacement by	-	1,15 m	1,15 m	1,15 m
Swivel angle of equipment	270°	140°	140°	180°
Right- and left-hand work	ja	ja	ja	ja
Drive for working equipment 60 ltr. / 200 bar	Front or rear PTO shaft	Power hydraulics from the vehicle or front PTO shaft		
Control	Electro-hydraulic control	Electro-hydraulic control or from the vehicle		
Attachment	Front or rear attachment Three-point cat. I + II	Front attachment plate or three-point hitch cat. I + II		