

FLAIL MOWER VMS 1200 – 2500



VMS 1600

Flail mower

VMS 1200 – 2500

Working widths from 1.20 to 2.50 m

The all-new flail mowers of the VMS series are designed as flail mowers for tractor sizes from 22 KW. Maintenance-free bearings on the scanning roller and flail shaft, a newly developed flail shaft bearing and an optionally mounted wear protection liner testify to the latest technology. The modular design of the VMS series provides a high degree of flexibility in the design of the mowers. You will always find the right mower for your purpose of application.

With the two front and rear attachment variants (figs. 1 and 2), switching from front to rear attachment (or vice versa) becomes as easy as moving the linkage by loosening 3 bolts. A second PTO shaft is required for flail mowers with PTO drive.

The robust and simple construction of the machine makes the mowers insensitive to foreign bodies such as stones, iron parts, pieces of wood and other debris. All types of grass are mowed. Not even reeds, sedges, shrubs and thorny bushes become an obstacle.

The scanning roller mounted over the entire mowing width ensures good mowing results, even on uneven terrain.

The following attachment options are available:

- stiff rear or front attachment (fig. 1)
- front and rear attachment with 50 cm of hydraulic displacement (fig. 2)
- front attachment with 60 cm of hydraulic displacement (fig. 3)
- Wheel loader mounting bracket with parallel guided suspension (fig. 4)
- Front attachment pulling and guided suspended (fig. 5)
- Excavator mounting bracket with parallel guided suspension (fig. 6)
- Attachment options to municipal narrow-gauge vehicles, wheel loaders and vehicles with a fixed attachment plate

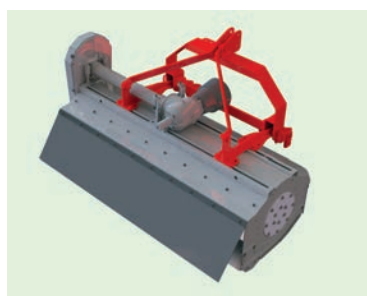


Fig. 1)
Front and rear attachment – without displacement

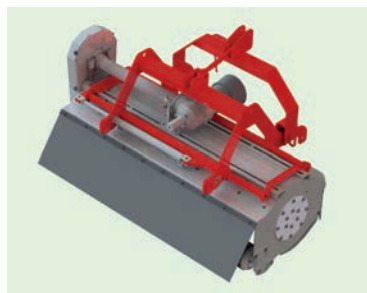


Fig. 2)
Front and rear attachment with displacement by 0,50 m



Fig. 3)
Front attachment with 0,60 m of hydraulic displacement

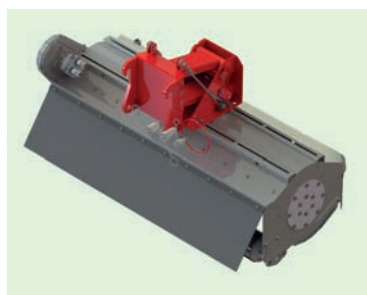


Bild 4)
Wheel loader mounting bracket with parallel guided suspension



Bild 5)
Front attachment pulling and guided suspended

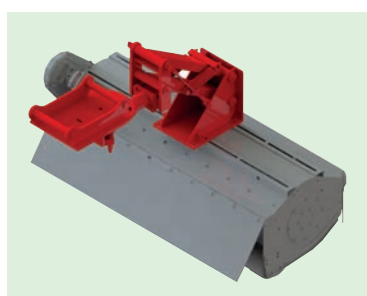


Bild 6)
Excavator mounting bracket with parallel guided suspension

Flail mower VMS 1600 as front attachment with displacement of 0,60 m



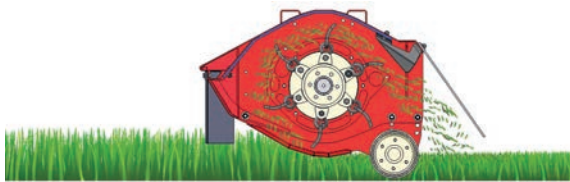


Fig. 5) Scanning roller normal position

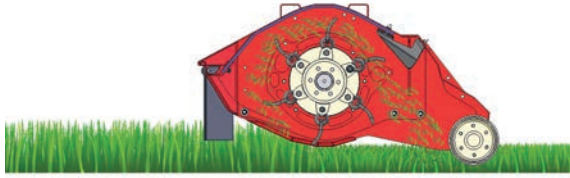


Fig. 6) Scanning roller attached further back

Less dust generation due to scanning roller repositioning

Optionally, the scanning roller on the front attachment devices can be attached further back so that the mulch is deposited in front of the scanning roller.

This significantly reduces dust generation, especially when using during the dry period. This way, the radiator contamination in tractors is lessened.

The right flail type for your range of application

As an option, 4 flail types are available for different ranges of application. Ask us which type of flails is suitable for you.



945000990 945000661 945000900 945000880 945000870 945000585

Technical data

	Drive type	Working width (m)	Total width (m)	Weight basic device (kg)	Power requirement kW (HP)	PTO shaft speed (rpm)	required minimum hydraulic power (ltr./bar)	E-point linkage category	Flail number	Front-rear attachment without displacement (Fig. 1)	Front-rear attachment with displacement by (m) (Fig. 2)	Front attachment with displacement by (m) (Fig. 3)	Wheel loader attachment with parallelogram linkage (Fig. 4)	Excavator mounting bracket with pendulum compensation
VMS 1200	hydraulics	1,23	1,40	365	-		40/200	I+II		●	-	0,60	●	●
VMS 1200	PTO shaft	1,23	1,44	375	22 (30)		-	I+II		●	-	0,60	-	-
VMS 1400	hydraulics	1,43	1,60	450	-		60/200	I+II	Depending on the working width and flail type	●	-	0,60	●	●
VMS 1400	PTO shaft	1,43	1,64	460	25 (34)		-	I+II		●	-	0,60	-	-
VMS 1600	hydraulics	1,63	1,84	475	-	optional 540 / 750 / 900 / 1000	90/200	I+II		●	-	0,60	●	-
VMS 1600	PTO shaft	1,63	1,84	485	28 (38)		-	I+II		●	-	0,60	-	-
VMS 1700	hydraulics	1,73	1,94	490	-		90/200	I+II		●	0,50	0,60	-	-
VMS 1700	PTO shaft	1,73	1,94	500	31 (42)		-	I+II		●	0,50	0,60	-	-
VMS 2000	hydraulics	2,03	2,24	525	-		115/200	I+II		●	0,50	0,60	-	-
VMS 2000	PTO shaft	2,03	2,24	535	35 (47)		-	I+II		●	0,50	0,60	-	-
VMS 2200	hydraulics	2,23	2,45	550	-		115/200	I+II		●	0,50	0,60	-	-
VMS 2200	PTO shaft	2,23	2,45	560	40 (54)		-	I+II		●	0,50	0,60	-	-
VMS 2500	hydraulics	2,53	2,75	590	-		120/200	I+II		●	0,50	0,60	-	-
VMS 2500	PTO shaft	2,53	2,75	600	45 (60)		-	I+II		●	0,50	0,60	-	-

Technology for environmental landscape maintenance and agriculture



GERHARD DÜCKER GMBH & CO. KG
48703 Stadtlohn, Wendfeld 9, Germany
Telefon 0 25 63 / 93 92 - 0
Telefax 0 25 63 / 93 92 90
E-Mail info@duecker.de
Internet www.duecker.de

