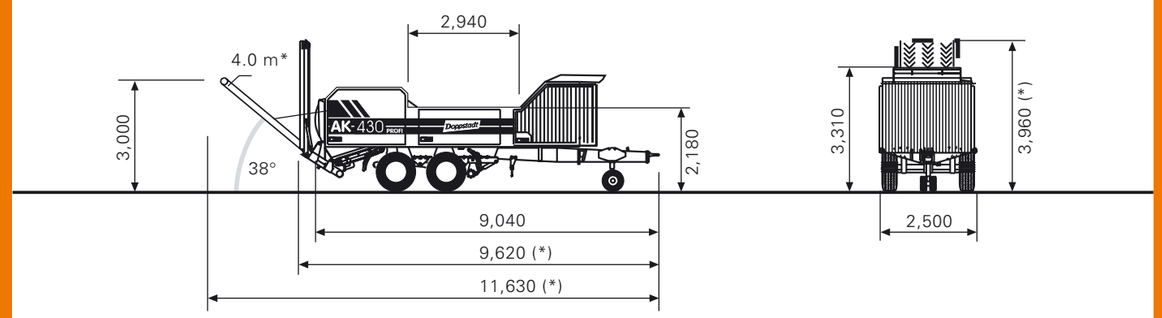
AK 430 PROFI

Technical Data (dimensions in mm)



Permissible total weight	19,000 kg
Description	Mobile shredder (high-speed shredding) on a central axle trailer for 80 km/h speed according to road traffic regulations, with ABS, incl. 1 fine shredding basket with mesh sizes from 40-280 mm to choose from, with 16-channel remote control
Drive	Diesel engine
Type	DaimlerChrysler OM 457 LA (optional CAT C12, electric motor)
Power	315 kW at 2,000 rpm
Max. Torque	2,000 Nm at 1,200 rpm
Emission standard	EUROMOT 2
Fuel tank	450 l
Flail drum	
Width	1,750 mm
Diametre	1,100 mm
Weight (with flails)	appr. 2,500 kg
Speed	850 – 1,000 rpm (depends on the engine speed)
Number of flails	36
Flail weight	appr. 14.5 kg
Max. introducing height	650 mm
Discharge conveyor*	
Length	4,000 mm
Width	1,800 mm
Belt speed	2.25 m/s
Discharge height	3,000 mm
Options (*)	Hydraulic drive, discharge conveyor, additional hydraulic connection, damping facility, magnetic head pulley on discharge conveyor

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January 2005, specifications subject to technical alterations.
The specifications are approximate, illustrations and descriptions might include options that are not part of the standard equipment.



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AK 430 PROFI

Shredder

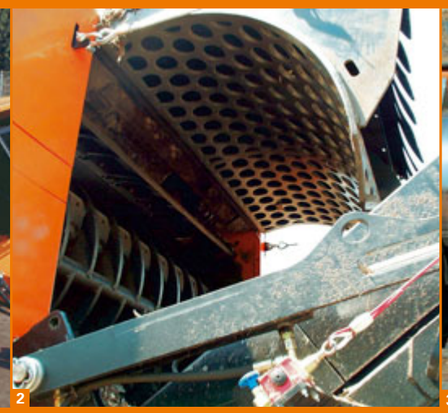


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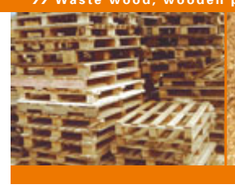


›› Trunks and Green waste

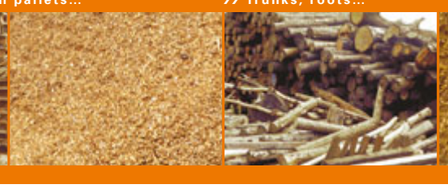


›› Waste wood

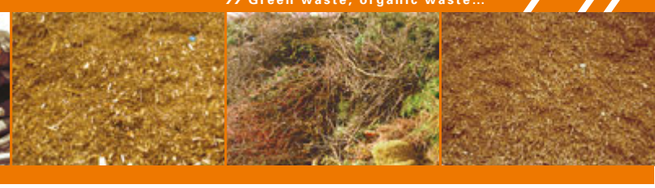
›› Waste wood, wooden pallets...



›› Trunks, roots...



›› Green waste, organic waste...



A powerful shredder...

...for almost all kinds of shredding problems, with a high throughput rate and a patented load-sensing material feeding system. Thanks to the heavy grating mass, the flail drum with 1,000 rpm and the free-swinging flail holders with replaceable flail tips, this shredder is unrivaled. The quickly replaceable shredding system is unique and the final sizing basket can be changed in less than 15 minutes.

›› 1 Maintenance-friendly thanks to large side doors and central lubrication.

›› 2 A replaceable fine shredding basket closes the shredding chamber at the rear; the mesh size (40-280 mm) determines the material grain size.

›› 3 The load-sensing scraper floor leads the material to be shredded to the heavy roller with oscillating bearing which inroduces the material securely into the shredding chamber.

›› 4 Short set-up operation time thanks to the hydraulically foldable discharge conveyor* (<10 min.), which can be equipped optionally with a magnetic drum*.

›› 5 The cooler is easily accessible. For self-cleaning, the large fan wheel is reversible. The low speed of the fan wheel keeps the noise level down.

›› 6 The free-swinging flail holders of the flail drum (gyrating mass appr. 2,5 t) are provided with easily replaceable flail tips that can be adjusted according to the materials to be shredded (e.g. hard metal, armoured tips).

›› 7/8 Easy machine handling, remote control, the machine can be moved by the wheel loader bucket with gripping device and slip-on coupling or by the hydraulic drive*.

*) option



4


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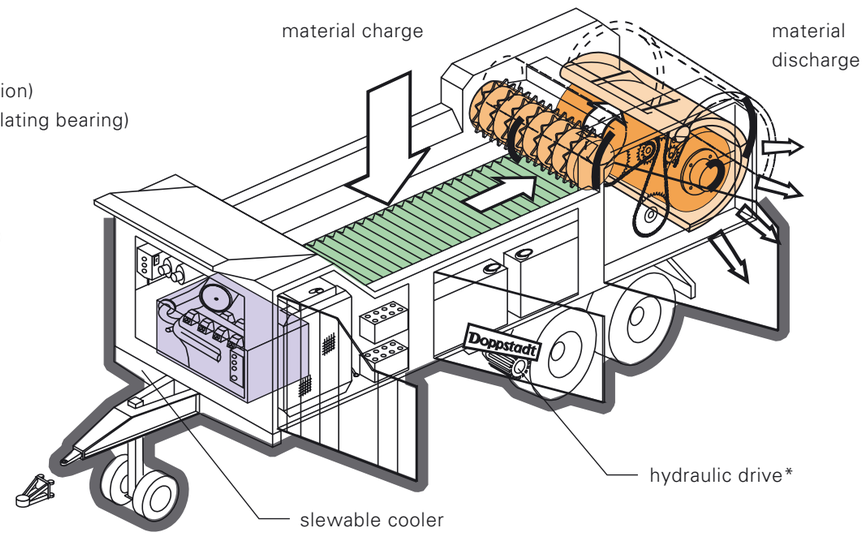

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8

Shredding of waste wood, wooden pallets, trunks, roots, green waste, organic waste...

Possibility of optimum combination with other DOPPSTADT-products, e.g. pre-shredder, screen...

drive unit
scraper floor (introduction)
introducing roller (oscillating bearing)
flail drum with free-swinging flails
fine shredding basket (slewable, replaceable)



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