

DW SERIES Shredders



DW 2060
DW 2060 K
DW 2560
DW 3060
DW 3060 K
DW 3060 SA
DW 3080 K

Doppstadt

WE CARE

DW SERIES



POWERFUL AND FLEXIBLE

THE SHREDDERS OF THE DW SERIES

The shredding by means of roller and comb is suitable for the most difficult tasks. Roller teeth made of wear-resistant steel tear the material through the shredding comb. The comb opens automatically if necessary in order to avoid damages by large unshreddable contaminants. All the wear parts are quickly and easily replaceable.

The motor and aggregates of the DW shredders are easily accessible from two sides. The powerful direct drive with electric reversing function provides for a high throughput.

The self-cleaning cooler is easily accessible and its noise level is very low thanks to the large low-speed fan.

With their rear conveyor, which can be folded out hydraulically, the DW shredders are ready to go in no time. Magnets for iron separation are also available optionally.

A multifunctional display shows about the machine data and enables a simple machine operation. An optional remote control is available.

Waste wood processing with DW 3080 K and SM 720



Road transport of the DW 3060



Moving the machine



*Option

DW SERIES IN OPERATION



Shredding of waste wood/pallets

A MOBILE SOLUTION FOR MANY MATERIALS

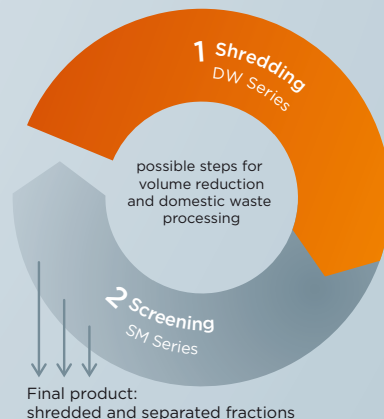
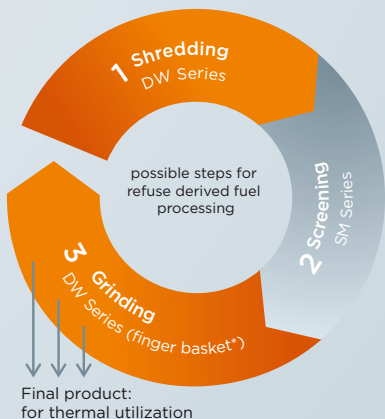
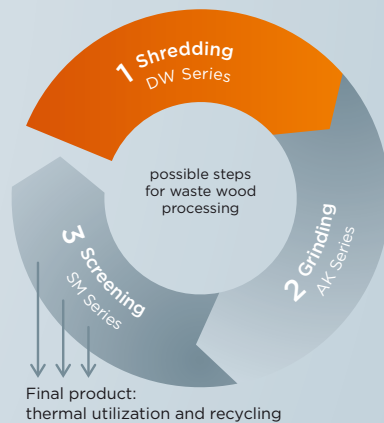
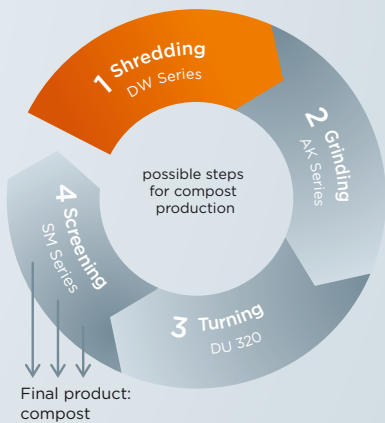
MANY OPTIONS, MANY APPLICATIONS

The shredders of the DW series process waste wood, root timber, green waste, biowaste, garbage, bulky and industrial waste, construction waste and much more.

Mounted on multi-axle trailers, semitrailers, tracklaying chassis or as stationary machines, provided with diesel and electric motors of different power ranges, they meet with any requirement.

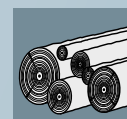
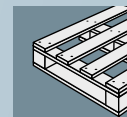
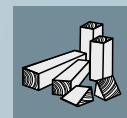


COMPOSTING, WASTE WOOD, GARBAGE AND REFUSE-DERIVED FUEL PROCESSING, VOLUME REDUCTION



Optional:
FE-separation,
windsifting and
further processing

Shredding green waste



DW SERIES



CENTRAL CONTROL PANEL

Easy operation, exact adjustment and reading of the machine data ensured with a multifunctional display. Machine operation by remote control*.



SLIP-ON COUPLING

The slip-on coupling permits to move the machine by wheel loader grab (only machines with drawbar).



HINGED COOLER WITH REVERSIBLE FAN WHEEL

The cooler is easily accessible and self-cleaning.



HYDRAULIC DRIVE

The machine can be moved by hydraulic self-propelled drive*.



MAINTENANCE

Large doors for optimum maintenance.

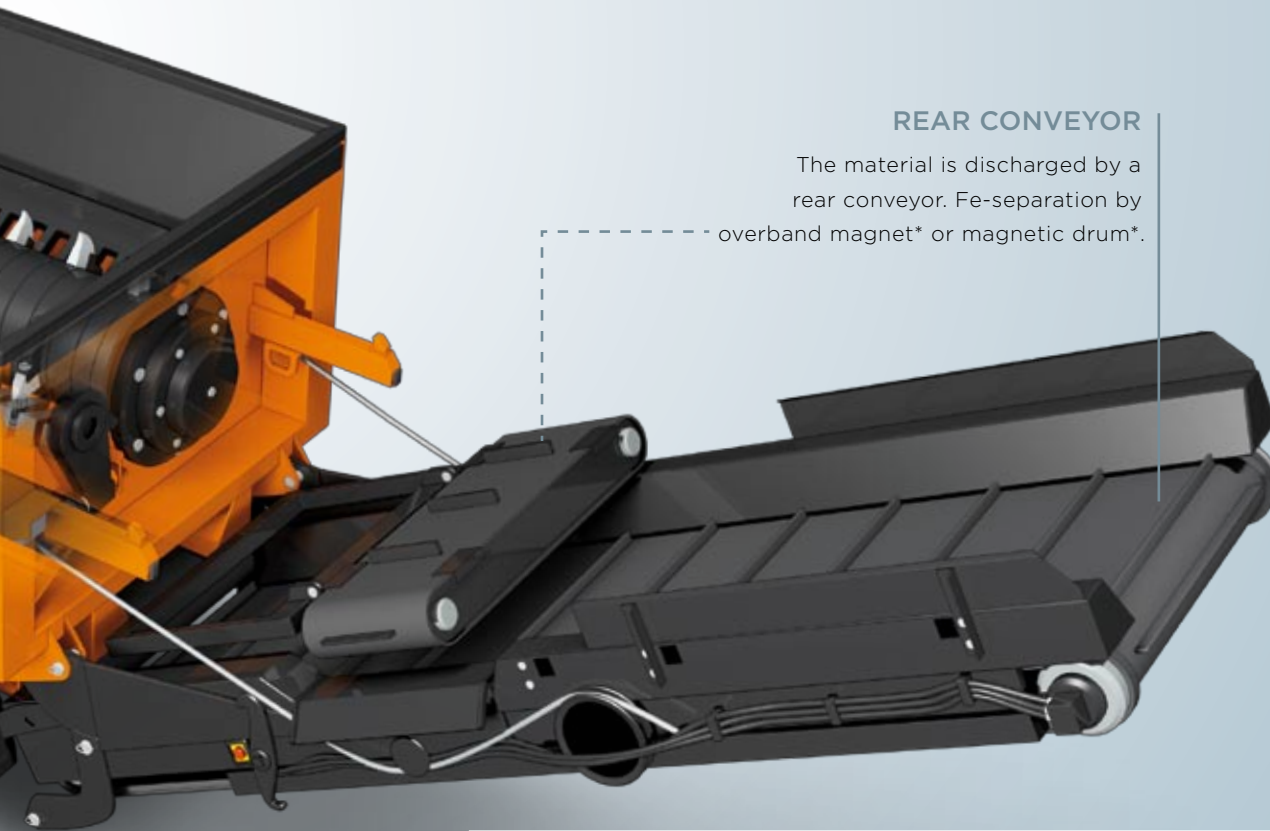


FEEDING HOPPER, ROLLER AND SHREDDING COMB

Roller teeth tear the material through the hydraulically controlled shredding comb. The comb opens automatically in case of large unshreddable contaminants in order to protect the machine and reduce the tool wear. All the wear parts are quickly replaceable with a quick-changing device.

REMOTE CONTROL

All important functions of the shredder can be operated with the 16-channel remote control, e. g. by the wheel loader operator.



REAR CONVEYOR

The material is discharged by a rear conveyor. Fe-separation by overband magnet* or magnetic drum*.

LOWER DISCHARGE CONVEYOR

Below the shredding unit, the material is transported by a separately controlled discharge conveyor.

*Option



DW SERIES



DW SERIES

MAIN ADVANTAGES

- wide range of possible applications - shredding of various materials
- high efficiency thanks to direct roller drive
- resistant against contaminants
- hydraulically controlled shredding comb, protection of the machine, high availability (contaminants are discharged)
- low fuel consumption due to direct drive
- can be combined with other Dopstadt products
- one-man operation (remote control of the most important functions)

DW 2060



Root and log timber



Residual waste



Green waste

DW 2060

The DW 2060 can be moved by means of the knob on the grab of a wheel loader. Its 2 m roller rotates at 35 rpm. 14 roller teeth and 15 comb teeth shred the materials.

Gross vehicle weight	approx. 14.500 kg	
Drive	Motor type	Mercedes-Benz OM 906 LA
	Power	150 kW (204 hp) at 2.300 rpm
Roller	length	2.000 mm
	diameter	600 mm
	no. of teeth	14
Transport dimensions L/W/H	6.640/2.090/3.100 mm	



Waste wood

DW 2060 K



Log and root timber



Residual waste



Green waste

DW 2060 K

The DW 2060 K is similar to the DW 2060, but it has a tracklaying chassis.

Gross vehicle weight	18.000 kg	
Drive	Motor type	Mercedes-Benz OM 906 LA
	Power	150 kW (204 hp) at 2.300 rpm
Roller	length	2.000 mm
	diameter	600 mm
	no. of teeth	14
Transport dimensions L/W/H	7.120 / 2.300 / 2.720 mm	



Waste wood

DW 2560



Industrial waste



Green waste



Bulky waste

DW 2560

The DW 2560 can be moved by wheel loader with the help of a slip-on coupling. Its 2,5 m roller rotates at 31 rpm. 17 roller teeth and 18 comb teeth shred the materials.

Gross vehicle weight	19.000 kg	
Drive	Motor type	Mercedes-Benz OM 501 LA
	Power	260 kW (353 hp) at 1.800 rpm
Roller	length	2.500 mm
	diameter	600 mm
	no. of teeth	17
Transport dimensions L/W/H	9.300/2.500/3.900 mm	



Log and root timber

DW 3060



Industrial waste



Log timber



Waste wood

DW 3060

The roller of the DW 3060 has a length of 3 m and it rotates at 31 rpm. 21 roller teeth and 22 comb teeth shred the materials.

Gross vehicle weight	25.000 kg	
Drive	Motor type	Mercedes-Benz OM 460 LA
	Power	315 kW (428 PS) bei 2.000 rpm
Roller	length	3.000 mm
	diameter	600 mm
	no. of teeth	21
Transport dimensions L/W/H	9.750/2.500/3.800 mm	



Green waste

DW 3060 SA



Waste wood



Pallets



Log timber

DW 3060 SA

The DW 3060 SA is similar to the DW 3060, but it is mounted on a semitrailer chassis.

Gross vehicle weight	25.000 kg
Drive	Motor type Mercedes-Benz OM 460 LA Power 315 kW (428 hp) at 2.000 rpm
Roller	length 3.000 mm diameter 600 mm no. of teeth 21
Transport dimensions L/W/H	9.210/2.500/3.940 mm



Industrial waste

DW 3060 K



Waste wood



Residual waste



Bulky waste

DW 3060 K

The DW 3060 K is similar to the DW 3060, but it is mounted on a tracklaying chassis.

Gross vehicle weight	30.000 kg
Drive	Motor type Mercedes-Benz OM 460 LA Power 315 kW (428 hp) at 2.000 rpm
Roller	length 3.000 mm diameter 600 mm no. of teeth 21
Transport dimensions L/W/H	10.120/2.800/3.200 mm



Green waste

DW 3080 K



Waste wood



Waste wood/pallets



Green waste

DW 3080 K

The DW 3080 is self-propelled on a tracklaying chassis. Its 3 m roller rotates at 30 rpm. 21 roller teeth and 22 comb teeth shred the materials.

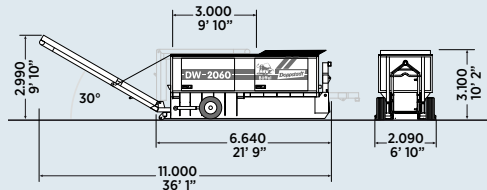
Gross vehicle weight	45.000 kg	
Drive	Motor type	Mercedes-Benz OM 502 LA
	Power	450 kW (612 hp) at 1.800 rpm
Roller	length	3.000 mm
	diameter	800 mm
	no. of teeth	21
Transport dimensions L/W/H	11.200/3.000/3.200 mm	



Garbage

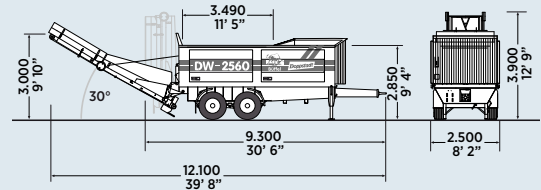
TECHNICAL DATA DW SERIES

DW 2060



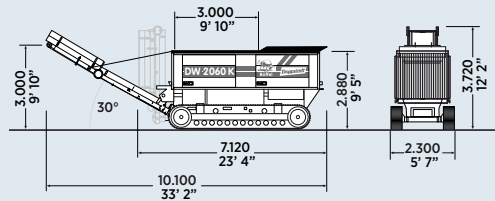
Transport dimensions L/W/H: 6.640/2.090/3.100

DW 2560



Transport dimensions L/W/H: 9.300/2.500/3.900

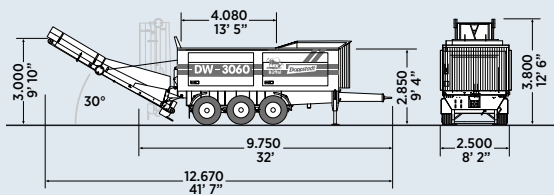
DW 2060 K



Transport dimensions L/W/H: 7.120/2.300/3.720

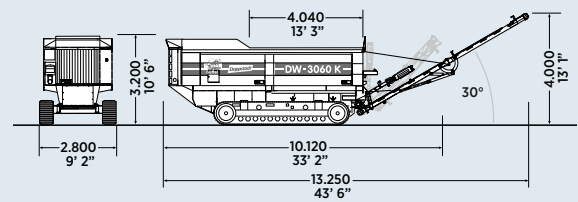
Model	DW 2060	DW 2060 K	DW 2560		
Gross vehicle weight	ca. 14.500 kg	18.000 kg	19.000 kg		
Chassis	hook lift frame	Track drive with two speeds	2-central-axle trailer chassis for 80 km/h according to StVZO, with ABS		
Drive	Diesel motor	Diesel motor	Diesel motor		
Type	Mercedes-Benz OM 906 LA	Mercedes-Benz OM 906 LA	Mercedes-Benz OM 501 LA		
Power	150 kW (204 hp) at 2.300 rpm	150 kW (204 hp) at 2.300 rpm	260 kW (353 hp) at 1.800 rpm		
Exhaust level	EUROMOT III A	EUROMOT III A	EUROMOT III A		
Cupic capacity	5.958 cm ³	5.958 cm ³	11.950 cm ³		
Tank fuel	300 l	300 l	300 l		
Roller					
Length	2.000 mm	2.000 mm	2.500 mm		
Diameter	600 mm	600 mm	600 mm		
Speed	35 rpm	35 rpm	31 rpm		
Tooth width/-length	60 mm/174 mm	60 mm/174 mm	60 mm/174 mm		
No. of teeth	14	14	17		
Comb					
Length	2.000 mm	2.000 mm	2.500 mm		
Tooth width	60 mm	60 mm	60 mm		
No. of teeth	15	15	18		
Discharge conveyors	(bended conveyor)	Lower belt Rear belt	Lower belt	Rear belt	
Width	800 mm	800 mm	1.000 mm	1.200 mm	
Length	8.500 mm	2.410 mm	5.000 mm	3.335 mm	5.000 mm
Belt speed	2,2 m/s max.	2,6 m/s max.	2,8 m/s max.	2,2 m/s max.	2,3 m/s max.
Standard equipment	Roller tooth 174 mm C1, armoured comb tooth	Roller tooth 174 mm C1, armoured comb tooth, remote control, damping facility	Roller tooth 174 mm C1, armoured comb tooth		
Options	Remote control, hydraulic supports, damping facility, hopper extensions, comb extension, overband magnet, magnetic drum	Hydraulic supports, hopper extensions, comb extension, overband magnet	Remote control, hydraulic supports, splash guard, damping facility, overband magnet		

DW 3060



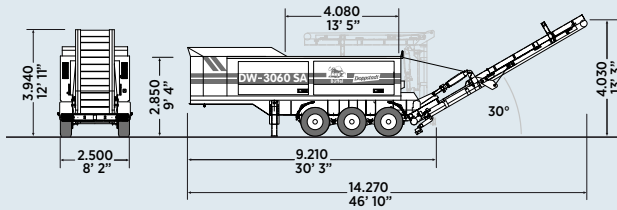
Transport dimensions L/W/H: 9.750/2.500/3.800

DW 3060 K



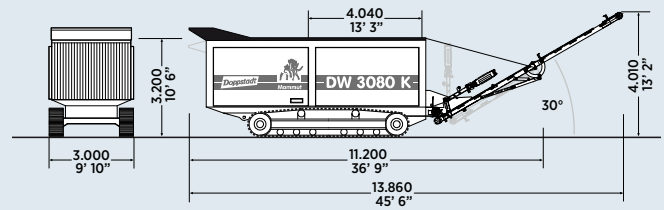
Transport dimensions L/W/H: 10.120/2.800/3.200

DW 3060 SA



Transport dimensions L/W/H: 9.210/2.500/3.940

DW 3080 K



Transport dimensions L/W/H: 11.200/3.000/3.200

DW 3060

DW 3060 SA

DW 3060 K

DW 3080 K

25.000 kg

25.000 kg

30.000 kg

45.000 kg

3-central-axle trailer chassis for 80 km/h according to StVZO, with ABS

3-central-axle trailer chassis for 80 km/h according to StVZO, with ABS

Track drive with two speeds

Track drive with two speeds

Diesel motor

Diesel motor

Diesel motor

Diesel motor

Mercedes-Benz OM 460 LA

Mercedes-Benz OM 460 LA

Mercedes-Benz OM 460 LA

Mercedes-Benz OM 502 LA

315 kW (428 hp) at 2.000 rpm

315 kW (428 hp) at 2.000 rpm

315 kW (428 hp) at 2.000 rpm

450 kW (612 hp) at 1.800 rpm

EUROMOT III A

EUROMOT III A

EUROMOT III A

EUROMOT III A

11.970 cm³

11.970 cm³

11.970 cm³

11.970 cm³

2 x 300 l

2 x 300 l

2 x 300 l

600 l

3.000 mm

3.000 mm

3.000 mm

3.000 mm

600 mm

600 mm

600 mm

800 mm

31 rpm

31 rpm

31 rpm

31 rpm

60 mm/174 mm

60 mm/174 mm

60 mm/174 mm

60 mm/174 mm

21

21

21

21

3.000 mm

3.000 mm

3.000 mm

3.000 mm

60 mm

60 mm

60 mm

60 mm

22

22

22

22

Lower belt

Rear belt

Lower belt

Rear belt

Lower belt

Rear belt

Lower belt

Rear belt

1.000 mm

1.200 mm

1.000 mm

1.200 mm

1.000 mm

1.200 mm

1.000 mm

1.200 mm

3.335 mm

5.000 mm

3.335 mm

5.000 mm

3.335 mm

7.000 mm

4.000 mm

7.000 mm

2,2 m/s max.

2,3 m/s max.

2,2 m/s max.

2,3 m/s max.

2,2 m/s max.

2,3 m/s max.

1,3 m/s max.

1 m/s max.

Roller tooth 174 mm C1, armoured comb tooth

Roller tooth 174 mm C1, armoured comb tooth

Roller tooth 174 mm C1, armoured comb tooth, 16-channel remote control, damping facility

Roller tooth 174 mm C1, armoured comb tooth, 16-channel remote control, damping facility

Remote control, hydraulic drive, hydraulic supports, damping facility, hopper extensions, splash guard, comb for basket system, comb extension, overband magnet, magnetic drum

Remote control, hydraulic drive, hydraulic supports, damping facility, hopper extensions, splash guard, comb for basket system, comb extension, overband magnet, magnetic drum

Hydraulic drive, hydraulic supports, hopper extensions, comb for basket system, comb extension, overband magnet, magnetic drum

Hydraulic supports, comb extension, magnetic drum, Fe collecting box, neodym magnet

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