

DW SERIES Shredders



DW 2060
DW 2060 K BioPower
DW 3060
DW 3060 K
DW 3060 SA
DW 3060 BioPower
DW 3080 K3

Doppstadt

WE CARE

DW SERIES



Shredding of waste wood / pallets

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 engine 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 the machine data and enables a easy 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



DW SERIES IN OPERATION

A MOBILE SOLUTION FOR MANY MATERIALS

MANY OPTIONS, MANY APPLICATIONS

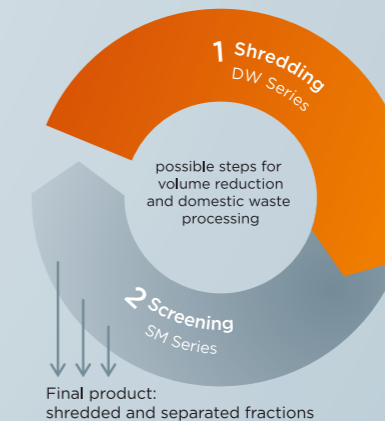
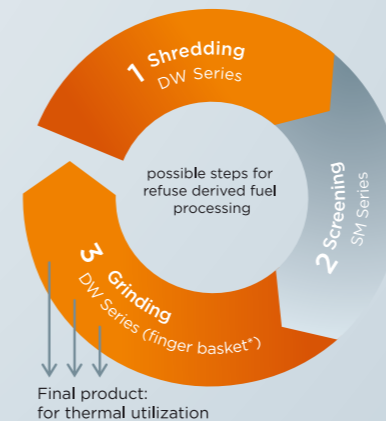
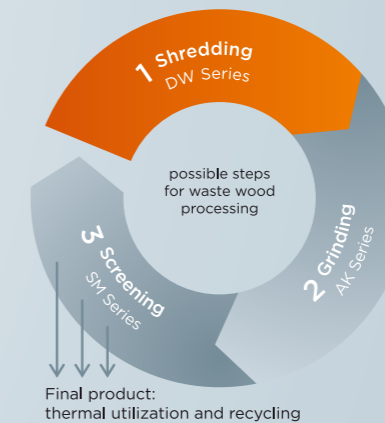
The shredders of the DW series process waste wood, roots, green waste, biowaste, garbage, bulky and industrial waste, construction waste and much more.

Mounted on multi-axle trailers, semitrailers or tracks they meet with any requirement.

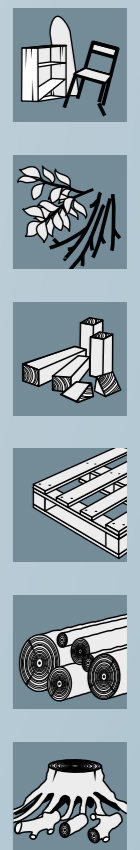


Shredding green waste

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



Optional:
Fe-separation,
windsifting and
further processing



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.



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

Easy operation - e.g. by wheel loader operator, exact adjustment and reading of the machine data by multifunction display. Machine operation by 18-channel remote control*.



REAR CONVEYOR

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



HYDRAULIC DRIVE

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



MAINTENANCE

Large doors for optimal maintenance.

LOWER DISCHARGE CONVEYOR

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



Explanations and illustrations by the example of the DW 3060

*option



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 Doppstadt products
- one-man operation (remote control of all main functions)

DW 2060



Roots and logs



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 (6' 7") roller rotates at 32 rpm. 14 roller teeth and 15 comb teeth shred the materials.

Total weight	approx. 15,000 kg (33,069 lb)	
Drive	diesel engine	Mercedes-Benz OM 906 LA
	power	150 kW (204 hp) at 2,200 rpm
Roller	length	2,000 mm (6' 7")
	diameter	600 mm (2')
	no. of teeth	14
Transport dimensions L/W/H	6,640/2,230/2,500 mm (21' 9"/7' 4"/8' 2")	



Waste wood

DW 2060 K BioPower



Logs and roots



Residual waste



Green waste

DW 2060 K BioPower

The DW 2060 K BioPower is a shredder with 28 teeth. It is a tracked version.

Total weight	approx. 20,000 kg (44,092 lb)	
Drive	diesel engine	Mercedes-Benz OM 926 LA
	power	240 kW (326 hp) at 2,200 rpm
Roller	length	2,000 mm (6' 7")
	diameter	600 mm (2')
	no. of teeth	28
Transport dimensions L/W/H	8,470/2,300/3,180 mm (27' 8"/7' 7"/10' 4")	



Waste wood

DW 3060



Industrial waste



Log timber



Roots

DW 3060

The roller of the DW 3060 TYPE D has a length of 3 m (9'10") and it rotates at 31 rpm. 21 roller teeth and 22 comb teeth shred the materials.

Permissible weight	25,000 kg (55,116 lb)
Drive	diesel engine MTU 6R1300* power 320 kW (435 hp) at 2,000 rpm
Roller	length 3,000 mm (9'10") diameter 600 mm (2') no. of teeth 21
Transport dimensions L/W/H	9,700/2,550/3,990 mm (31' 9"/8' 4"/13' 1")



Waste wood - optionally equipped with starscreen and return conveyor

* MTU engines are based on proven Mercedes-Benz engine technology

DW 3060 K



Waste wood



Residual waste



Bulky waste

DW 3060 K

The DW 3060 K is equal to the DW 3060, but on tracks.

Total weight	approx. 30,000 kg (66,139 lb)	
Drive	diesel engine	MTU 6R1300*
	power	320 kW (435 hp) at 2,000 rpm
Roller	length	3,000 mm (9'10")
	diameter	600 mm (2')
	no. of teeth	21
Transport dimensions L/W/H	10,120/2,800/3,200 mm (33'2"/9'2"/10'6")	



Green waste

* MTU engines are based on proven Mercedes-Benz engine technology

DW 3060 SA



Waste wood



Pallets



Log timber

DW 3060 SA

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

Permissible weight	30,000 kg (66,139 lb)	
Drive	diesel engine	Mercedes-Benz OM 460 LA
	power	315 kW (428 hp) at 2,000 rpm
Roller	length	3,000 mm (9'10")
	diameter	600 mm (2')
	no. of teeth	21
Transport dimensions L/W/H	9,210/2,550/3,940 mm (30'3"/8'4"/12'11")	



Industrial waste

DW 3060 BioPower Option



DW 3060 BioPower



DW 3060 SA BioPower



DW 3060 K BioPower



Shredding roller with 42 teeth



High throughput capacity



Strong drive unit, bigger gear box

DW 3060 BioPower Option

The roller of the DW 3060 BioPower has a length of 3 m (9' 10") and it rotates at 31 rpm. 42 roller teeth and 22 comb teeth shred the materials.

Drive	DW 3060 BioPower
	diesel engine MTU 6R1300* power 360 kW (490 hp) at 2,000 rpm
Drive	DW 3060 SA BioPower
	diesel engine Mercedes-Benz OM 460 LA power 360 kW (490 hp) at 2,000 rpm
Roller	length 3,000 mm (9'10")
	diameter 600 mm (2') no. of teeth 42
Transport dimensions	L/W/H 9,700/2,550/3,990 mm
	DW 3060 BioPower (31'9"/8'4"/13'1")
Transport dimensions	L/W/H 9,210/2,550/3,940 mm
	DW 3060 SA BioPower (30'3"/8'4"/12'11")
Transport dimensions	L/W/H 10,120/2,800/3,200 mm
	DW 3060 K BioPower (33'2"/9'2"/10'6")

THE DW 3060 BIOPOWER - A POWERFUL SHREDDER

- higher engine power (360 kW / 490 hp)
- bigger gear box (higher torque)
- Roller with 42 teeth
- high throughput capacity

* MTU engines are based on proven Mercedes-Benz engine technology

DW 3080 K3



Waste wood



Waste wood/pallets



Green waste

DW 3080 K3

The DW 3080 K3 is a track driven machine with two speeds. Its 3 m (9'10") roller rotates at 25 rpm. 21 roller teeth and 20 comb teeth shred the materials.

Total weight	approx. 50,000 kg (110,231 lb)	
Drive	diesel engine	Mercedes-Benz OM502LA E3B
	power	480 kW (653 hp) at 2,000 rpm
Roller	length	3,000 mm (9'10")
	diameter	800 mm (2'7")
	no. of teeth	21
Transport dimensions	L/W/H	11,040/3,000/3,400 mm
		(36'3"/9'10"/11'2")

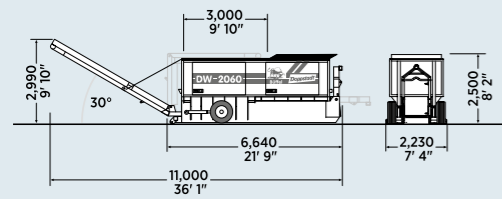


Garbage



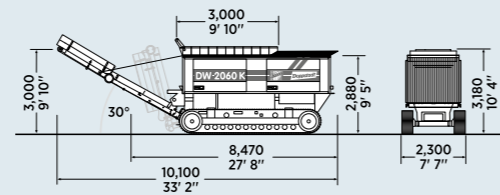
TECHNICAL DATA DW SERIES

DW 2060



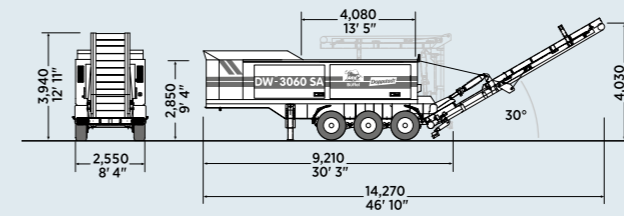
Transport dimensions L/W/H: 6,640/2,230/2,500 (21'9"/7'4"/8'2")

DW 2060 K BioPower



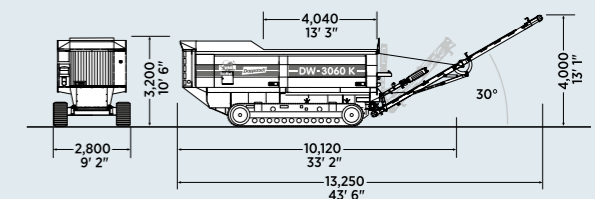
Transport dimensions L/W/H: 8,470/2,300/3,180 (27'8"/7'7"/10'4")

DW 3060 SA (optional: BioPower)



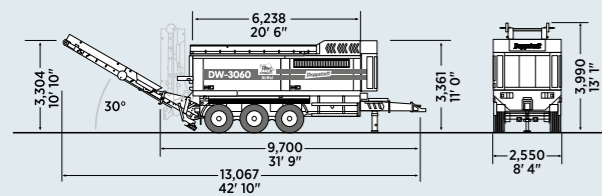
Transport dimensions L/W/H: 9,210/2,550/3,940 (30'3"/8'4"/12'11")

DW 3060 K (optional: BioPower)



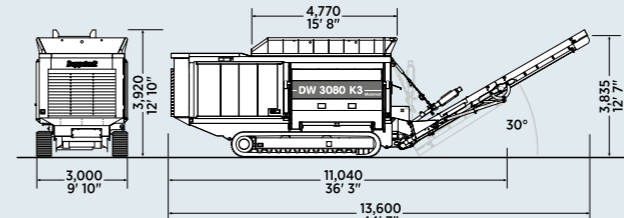
Transport dimensions L/W/H: 10,120/2,800/3,200 (33'2"/9'2"/10'6")

DW 3060 (optional: BioPower)



Transport dimensions L/W/H: 9,700/2,550/3,990 (31'9"/8'4"/13'1")

DW 3080 K3



Transport dimensions L/W/H: 11,040/3,000/3,400 (36'3"/9'10"/11'2")

Model	DW 2060	DW 2060 K BioPower	DW 3060	DW 3060 SA	DW 3060 K	DW 3080 K3
Weight	approx. 15,000 kg (33,069 lb)	approx. 20,000 kg (44,092 lb)	max. 25,000 kg (55,116 lb)	max. 30,000 kg (66,139 lb)	approx. 30,000 kg (66,139 lb)	approx. 50,000 kg (110,231 lb)
Chassis	hook lift frame	track drive with two speeds	central-axle trailer chassis with 3 axles for 80 km/h (50 mph), with ABS	semitrailer chassis with 3 axles for 80 km/h (50 mph), with ABS	track drive with two speeds	track drive with two speeds
Drive	diesel engine	diesel engine	diesel engine	diesel engine	diesel engine	diesel engine
Type	Mercedes-Benz OM 906 LA	Mercedes-Benz OM 926 LA	MTU 6R1300*	Mercedes-Benz OM 460 LA	MTU 6R1300*	Mercedes-Benz OM502LA E3B
Power	150 kW (204 hp) at 2,200 rpm	240 kW (326 hp) at 2,200 rpm	320 kW (435 hp) at 2,000 rpm	315 kW (428 hp) at 2,000 rpm	320 kW (435 hp) at 2,000 rpm	480 kW (653 hp) at 2,000 rpm
Exhaust level	EUROMOT III A	EUROMOT III B	EUROMOT IV	EUROMOT III B	EUROMOT IV	EUROMOT III B
Cubic capacity	7,200 cm ³	7,200 cm ³	11,970 cm ³	11,970 cm ³	11,970 cm ³	15,930 cm ³
Tank fuel	300 l (79 gal)	300 l (79 gal)	2 x 300 l (2 x 79 gal)	2 x 300 l (2 x 79 gal)	2 x 300 l (2 x 79 gal)	700 l (185 gal)
Roller						
Length	2,000 mm (6' 7")	2,000 mm (6' 7")	3,000 mm (9' 10")	3,000 mm (9' 10")	3,000 mm (9' 10")	3,000 mm (9' 10")
Diameter	600 mm (2')	600 mm (2')	600 mm (2')	600 mm (2')	600 mm (2')	800 mm (2' 7")
Speed	25/32 rpm	25/32 rpm	31 rpm	31 rpm	31 rpm	25 rpm
Tooth width/-length	60/174 mm (2.4"/6.9")	60/174 mm (2.4"/6.9")	60/174 mm (2.4"/6.9")	60/174 mm (2.4"/6.9")	60/174 mm (2.4"/6.9")	60/174 mm (2.4"/6.9")
No. of teeth	14	28	21	21	21	21
Comb						
Length	2,000 mm (6' 7")	2,000 mm (6' 7")	3,000 mm (9' 10")	3,000 mm (9' 10")	3,000 mm (9' 10")	3,000 mm (9' 10")
Tooth width	60 mm (2.4")	60 mm (2.4")	60 mm (2.4")	60 mm (2.4")	60 mm (2.4")	60 mm (2.4")
No. of teeth	15	15	22	22	22	20
Discharge conveyors	(bended conveyor)	lower belt rear belt	lower belt rear belt	lower belt rear belt	lower belt rear belt	lower belt rear belt
Width	800 mm (2' 7")	800 mm (2' 7") 1,000 mm (3' 3")	1,000 mm (3' 3") 1,200 mm (3' 11")	1,000 mm (3' 3") 1,200 mm (3' 11")	1,000 mm (3' 3") 1,200 mm (3' 11")	1,000 mm (3' 3") 1,200 mm (3' 11")
Length	8,500 mm (27' 11")	2,410 mm (7' 11") 5,000 mm (16' 5")	3,335 mm (10' 11") 5,500 mm (18' 5")	4,000 mm (10' 11") 7,000 mm (23')	3,335 mm (10' 11") 7,000 mm (23')	4,000 mm (13' 1") 7,000 mm (23')
max. Belt speed m/s (ft in/s)	2.2 (7' 3")	2.6 mm (8' 6") 2.8 mm (9' 2")	2.2 mm (7' 3") 2.3 mm (7' 7")	2.2 mm (7' 3") 2.3 mm (7' 7")	2.2 mm (7' 3") 2.3 mm (7' 7")	1.8 mm (5' 11") 2.3 mm (7' 7")
Standard equipment	roller tooth 174 (6.9") C, armored comb tooth	roller tooth 174 (6.9") C, armored comb tooth, remote control, additional hydraulic connection	roller tooth 174 (6.9") C, armored comb tooth, additional hydraulic connection 20l (4.3 gal) & 70l (15.3 gal)	roller tooth 174 (6.9") C, armored comb tooth, additional hydraulic connection 20l (4.3 gal) & 70l (15.3 gal)	roller tooth 174 (6.9") C, armored comb tooth, remote control, damping facility, additional hydraulic connection 20l (4.3 gal) & 70l (15.3 gal)	roller tooth 174 (6.9") C, basket system incl. fine basket, armored comb tooth, remote control, damping facility, additional hydraulic connection 20l (4.3 gal) & 40l (8.8 gal)
Options	remote control, damping facility, hopper extensions, overband magnet, magnetic pulley, additional hydraulic connection	hopper extensions, comb extension, overband magnet, damping facility, comb basket system	remote control, twin drive, damping facility, hopper extensions, comb basket system, comb extension, overband magnet, magnetic pulley, etc	remote control, twin drive, damping facility, hopper extensions, comb basket system, comb extension, overband magnet, magnetic pulley	twin drive, hopper extensions, comb basket system, comb extension, overband magnet, magnetic pulley	hopper extensions, comb extension, magnetic pulley, neodym magnet

Option BioPower: stronger drive unit (bigger gear box); Power: 360 kW (490 hp) at 2,000 rpm; Roller Speed: 28 rpm; Roller Teeth: 42

As of October 2014 - subject to technical alterations. All dimensions are in mm (ft/in). The specifications are approximate. Illustrations and descriptions may include options that are not part of the standard equipment.

* MTU engines are based on proven Mercedes-Benz engine technology

Doppstadt Calbe GmbH

Barbyer Chaussee 3
39240 Calbe/Saale
Germany
Phone: +49 (0)39291 55-0
Fax: +49 (0)39291 55-350
E-Mail: info@doppstadt.com
Internet: www.doppstadt.com

**Werner Doppstadt
Umwelttechnik GmbH & Co. KG**

Steinbrink 13
42555 Velbert
Germany
Phone: +49 (0)2052 889-0
Fax: +49 (0)2052 889-144
E-Mail: info@doppstadt.de
Internet: www.doppstadt.com

The logo for Doppstadt, featuring the word "Doppstadt" in a bold, italicized, sans-serif font, enclosed within a black parallelogram border.

WE CARE