

WASTE WOOD &
GREEN WASTE
SHREDDERS

TBG 620



Shredding in top form:

Value creation for economy and environment.
Intelligent control and flexible deployment.



Chopping without destroying and making a new material of quality out of it.

Ideal for shredding of waste wood for making particle boards and for biomass. Green waste and branch wastes are optimally recycled for composting.

Terex Environmental Equipment factors:

- ▶ Tested CAN bus control with automatic detection of overload
- ▶ Terex Environmental Equipment material auto pilot for load dependent power input
- ▶ Extra-large feed chamber for efficient non-stop performance
- ▶ Motor control and automatic cleaning of the cooling unit (standard)
- ▶ Tested, roadworthy carrier with airbrake and ABS
- ▶ The 3.5 or 5.0 meter long discharging transport belt can be equipped with a magnetic separator.

Efficiency generating money.

Modern CAN bus control. The most robust equipment of its class. One of the finest examples of remote control. Serially placed material autopilot.



CAN bus control for an efficient and secure system management.

All at one glance and quick response options. Automatic detection of overload.



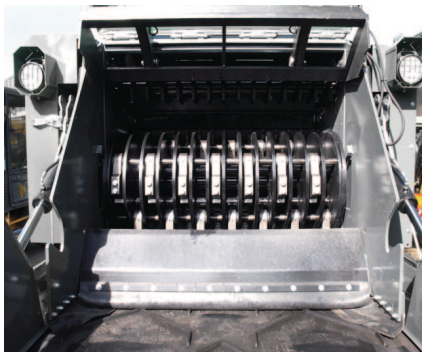
Large feed chamber for constant material feeding.

Ideal specifications for a non-stop productivity under all circumstances.



Reduced tool wear and tear

thanks to the massive instruments in its shredder class. The easily replaceable mallet are equipped with hard metal plates.



Extremely easy to service and maintain

Only short dwell times and a daily inspection in a couple of minutes



Highest level of efficiency

Direct power transmission from motor through coupling to the flail bar



Options which can increase the individual applications:

- 5 meter long conveyer belt
- Magnet above the conveyer belt for sorting of iron and other metals
- Fire fighting equipment

Professional shredder for wood-waste and green-waste.

Gaining good reputation.

The TBG 620 is a time-tested, robust and strong shredder and knows its trade: a specialist with multiple talents which can always be deployed for any productive purpose.

His strength lies in his efficient deployment for practical applications ... and he offers an unparalleled advantage in these days of fierce competition:

- ▶ Robust and time-tested technology for reliable and trouble-free functioning.
- ▶ Easy and self-explanatory operation.
- ▶ Intelligent control.
- ▶ Time-saving design for quick service and easy maintenance.
- ▶ Mobility and safety.

Terex Environmental Equipment has many years of experience and a lot of know-how in producing efficient special-purpose machines which optimize the working processes and thus make a lot of difference. Terex Environmental Equipment can offer one thing above all: complete professionalism. Right from consultation regarding the individual configuration up to service and conservation of value.



TBG 620

Main Data

Concept	Robust and heavy shredder
Weight	– 19000 kg
Breadth x Length x Height	2550 x 9350 x 3250 mm
Initial breadth	1450 mm
Tires	385 / 65 R 22,5

Application area

Suitable for chopping tough branch material, demolition and industrial timber

Performance

Maximal capacity of chopped material	bis 175 m ³ /h
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Engine specifications

Engine	John Deere 6135HF485
Performance	425 HP / 317 kW
Diesel tank	450 l
Electrical system	24 Volt

Hydraulic system

Oil tank capacity No. 1	150 l
Oil tank capacity No. 2	50 l
Load sensing pump for the feeder	45 ccm
Axial piston pump for cooling device	28 cm ³ /U
Gear pump for conveyor & additional functions	22+6 cm ³ /U
Gear pump for conveyor magnet	6 cm ³ /U
Hydraulic ventilator drive with reversible function	

Mallet

Number of mallets	28
Weight	16 kg / pc
Flail bar revolutions	1200 rpm
Drive with turbo coupling and two 4-fold belts	

Feed chamber

Length x Breadth x Depth	3500 x 1530 x 850 mm
Load intake height / Load intake length / width	2250 mm / 5000 mm / 1960 mm

Rear conveyer belt short (3.5m)

Length / Belt width	3500 mm / 1800 mm
Max. Loading height with a belt of 3.5 m	2300 mm

Rear conveyer belt long 5.0 m

Length	5000 mm
Belt width	1600 mm
Maximal unloading height with a belt of 5 m	3100 mm

Options

Feed chamber 500 mm, usable on both sides (right or left) | Magnetic device for sorting of metal with a 3.5 meter long rear conveyer belt | Conveyor magnet for the sorting of metal with a 5 meter long rear carrying belt | Pickup screws for side conveyer belt 5.0 meter | Central lubrication | Bio hydraulic oil | Fire fighting equipment

FARWELL

1250 Commerce Drive
Farwell, Michigan, US, 48622

Toll Free: 1-800-953-5532

NEWTON

22 Whittier Street
Newton, New Hampshire, US, 03858

Tel: +1(603) 382 0556

Dealer Stamp:

DUNGANNON

200 Coalisland Road
Dungannon, Co Tyrone
BT71 4DR Northern Ireland

Tel: +44 (0) 28 87 718 500
Fax: +44 (0) 28 87 747 231

NIJVERDAL

Fuutweg 6
7442 CL Nijverdal
Netherlands

Tel: +31 548 37 49 06

LINZ

Actualstraße 32,
4053 Ansfelden,
Austria

Tel: +43 7229 780000

www.terex.com/environmental-equipment

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