



TBG 530T

HIGH SPEED SHREDDER



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HIGH SPEED, HIGH PERFORMANCE

TBG 530

The TBG 530T is a robust, track mounted high speed shredder ideal for medium scale producers requiring an accurate and consistent end product. Powered by a 493HP Scania DC13 engine, the TBG 530T has been expertly designed to give operators unrivalled performance, ease of maintenance and superb fuel efficiency. Extremely versatile, it excels in many applications and is particularly suited to waste wood processing and green waste shredding.



TBG 530T

The unrestricted open fronted feeder and intelligent control system, push productivity to the next level.



With a rapid set up time the TBG 530T is ready to work in a matter of minutes with no tooling required. The open fronted feeder enables the TBG 530T to be fed quickly and easily from the rear. The intelligently controlled feed system, comprising of heavy duty drag chains and aggressive feed wheel with unique lift/downward assist, ensure optimum material flow resulting in class leading performance.

At the heart of the machine is the 1,100mm diameter x 1,490mm wide swinging hammer rotor. This robust, direct drive rotor rotates at 1000 RPM and incorporates 30 up-swinging hammers. A wide selection of hammer designs and interchangeable screens are available, allowing the machine to be configured to suit the ever-changing product requirements. The TBG 530T also benefits from the added protection of a screen kickback system. Should an unshreddable object enter the shredding chamber the screen will release allowing the

material to quickly pass through, reducing the risk of accidental damage.

Processed material is removed from the machine via a modular product conveyor with an impressive 4.6m discharge height. This conveyor also lowers to ground level for inspection and maintenance. An optional overband magnet with hydraulic height adjustment can be fitted to remove ferrous metal from the product.

Whether performing daily checks or carrying out maintenance, the TBG 530T offers unrivalled service access to all key areas of the machine. The electric/ hydraulic raise/lower of the screen and interlocked chamber access door allow the rotor and anvil to be inspected with ease. Designed with the operator in mind, the TBG 530T offers the perfect blend of performance, efficiency and serviceability.





Product conveyor discharge height - 4.6m Modular design reducing downtime Lowers to ground level for maintenance access



368kW (493HP) Scania DC 13 Stage V Unrivalled service access Direct drive rotor for efficient shredding



1000 RPM upturn rotor 30 swinging hammers 1,490mm (length) x 1,100mm (diameter) Single piece solid or replaceable tip hammer options

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High strength overband magnet with hydraulic height adjustment (Optional)



Unrivalled service access for daily checks and maintenance





Intelligent feed wheel with lift and downward assist

Variable speed linked to engine load and/or engine RPM



Green Waste

Forestry

Waste

Timbe

Waste

Heavy duty open-ended drag chain feeder 5 rows of staggered feed chains

Unrestricted full width feed hopper

Waste Wood

Variable infeed speed intelligently linked to engine load and/or engine RPM

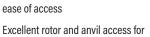
Removable bypass plate to allow fines material to bypass rotor





User friendly colour display offering simple operation and diagnostics

Customisable shredding programs allow operators to tailor the machine for specific applications



safety

Safety interlocked access door for operator

Electric/Hydraulic Raise/Lower of screen for

inspection and maintenance

- TECHNICAL DATA



TRANSPORT DIMENSION	
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Height: 3,400mm
Width: 2,800mm
Length: 11,746mm
Weight: 25,000kg (Dependent on Options)

WORKING DIMENSIONS

Max Discharge Height: 4,600mm
Width: 3,000mm
Length: 13,650mm
Hopper Length: 3,800mm
Hopper Width: 1,410mm

POWER UNIT

Engine Type: Scania DC13 Stage V Scania DC13 Tier 4 Final Scania DC13 Stage II
Power: 368kW (493HP)
Drive Type: Direct Drive
Hydraulic Tank Capacity: 300L
Diesel Tank Capacity: 800L

Specification subject to change without notice

UNDERCARRIAGE

Tracks: 400mm Triple Grouser, 3,237mm long Tracking Speed: 1.4 km/h

ROTOR

Speed: 1,000 RPM
Type: Swinging
Rotation: Upturn
Length: 1,490mm
Tip Diameter: 1,100mm
Hammers: 30 Swinging

INFEED

Drives: Independent Drives
Infeed Opening: 700mm x 1,436mm
Conveyor Type: Drag Chain
Max Infeed Chain Speed: 24 m/min
Feed Wheel Tip Diameter: 900mm
Max Feed Wheel Speed: 7.5rpm / 21m/min

PRODUCT CONVEYOR

Belt: 1,400mm Chevron Belt
Length: 10,000mm
Working Angle: 35° Fixed
Max Belt Speed: 170m/min
Discharge Height: 4,600mm

OPTIONS

Hammers – Solid, Three Piece CGP or Tungsten Tooth
Various Screen Apertures
Top Concave Options – Shark Fin or Smooth c/w Second Anvil
Overband Magnet
Magnetic Head Drum
Dust Suppression

Rear Hopper Closer



- CUSTOMER SUPPORT

With you every step of the way

We work with our customers to understand their equipment needs to select the product most suited to their business requirements. Terex Ecotec customer support incorporates a range of services including parts, technical support, warranty and financial services.



Terex Ecotec has a full inventory of genuine Terex parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time. Using genuine Terex parts ensures optimum performance and reliability.



Expert technical support

Terex Ecotec provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine.



Terex Ecotec warrants its new equipment to be free of defects in material or manufacture for a specified period from the date the equipment is first used.



Terex Ecotec are able to offer finance solutions to our customers. Our team of finance professionals know the importance of working closely with customers to understand their unique business challenges as well as their financial goals and requirements. Obtaining financing is often a time-consuming task, so we work hard to provide a reliable, flexible and responsive service.



Delivering On Our Promises, So You Can Keep Yours.



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