

**PRODUCT
SPECIFICATION**

 **TEREX®**

 **ECOTEC**

TBG 530T

HIGH SPEED SHREDDER



HIGH SPEED, HIGH PERFORMANCE

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.

KEY FEATURES



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



Safety interlocked access door for operator safety
Electric/Hydraulic Raise/Lower of screen for ease of access
Excellent rotor and anvil access for inspection and maintenance



Intelligent feed wheel with lift and downward assist
Variable speed linked to engine load and/or engine RPM



Heavy duty open-ended drag chain feeder
5 rows of staggered feed chains
Unrestricted full width feed hopper
Variable infeed speed intelligently linked to engine load and/or engine RPM
Removable bypass plate to allow fines material to bypass rotor



High strength overband magnet with hydraulic height adjustment (Optional)



Unrivalled service access for daily checks and maintenance



User friendly colour display offering simple operation and diagnostics
Customisable shredding programs allow operators to tailor the machine for specific applications

▼ TECHNICAL DATA



TRANSPORT DIMENSIONS

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

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

Specification subject to change without notice

▼ 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.



The Right Part at the Right Time

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.



Warranty Delivering on our promise so you can keep yours

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.



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 Financial Services Financing that works for you

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.**



CAMPSIE

20 Keans Hill Road
Campsie Industrial Estate
BT47 3YT, Northern Ireland

Tel: +44 (0) 28 7122 3110

DUNGANNON

32 Farlough Road
Dungannon, Co. Tyrone
BT71 4DT, Northern Ireland

Tel: +44 (0) 28 87 718 500

Dealer Stamp:

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

January 2022. The material in this document is for information only and is subject to change without notice. Terex Ecotec assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. Due to continual product development we reserve the right to change specifications without notice. Any product performance figures given in this brochure are for guidance purposes only. This information does not constitute an expressed or implied warranty or guarantee, but shows text examples provided. These results will vary depending on product settings, screen media and sizes, feed source and types of material being processed. Photographs are for illustrative purposes only. Some or all of the machines in the illustrations may be fitted with optional extra. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights reserved. Terex is a registered trademark of Terex Corporation in the USA and many other countries © 2022 Terex Corporation.