

PRODUCT  
SPECIFICATION

 **TEREX**<sup>®</sup>

 **ECOTEC**

# TBG 630

HIGH SPEED SHREDDER



# TBG 630

Terex Ecotec's TBG 630 High Speed Shredder is the ultimate processing machine for medium to large scale biomass and green waste processors.

Powered by a 670HP V8 Scania engine, the TBG 630 has been designed to give operators unrivalled production rates and ease of maintenance. The open fronted feeder uses heavy duty drag chains, a powerful feed wheel and an unrestricted feeder design to effectively utilise the 1,100mm diameter x 1,750mm wide swinging hammer rotor. This robust rotor comes with a wide selection of hammer designs and customisable screens which ensure end product material specification is met. Metal contaminants are always a concern when

using a high speed machine; the TBG 630 has an intelligent screen opening system to quickly discharge such contaminants reducing the risk of accidental damage. The unique machine layout and maintenance catwalks offer operators unrestricted access to both sides of the engine making servicing a simple task. Industry leading conveyor discharge height of 5.1m maximises stockpile capacity and allows loader operators to easily remove processed material.



## FEATURES



- 1000rpm Upturn Rotor
- 36 Swinging Hammers
- Extra-large screening area with kickback for unshreddable material
- Over 5m discharge height at 35° - Max speed 220m/min
- Intelligent feed system and feed wheel lift/downward assist
- Unrivalled service access
- Scania DC16 500kW (670HP) Stage V
- 35,600kg

## TECHNICAL DATA

### TRANSPORT DIMENSIONS

Height: 3350mm (10' 12")  
 Width: 3000mm (9' 10")  
 Length: 13580mm (44' 7")  
 Weight: 35600kg (78,485lbs)

### WORKING DIMENSIONS

Max Discharge Height: 5065mm (16' 7")  
 Width: 3000mm (9' 10")  
 Length: 14740mm (48' 4")  
 Hopper Length: 3800mm (12' 6")  
 Hopper Width: 1700mm (5' 7")

### POWERUNIT

Engine:  
 • Scania DC16 500kW (670HP) Stage V  
 • Scania DC16 493kW (661HP) Tier 4 Final  
 • Scania DC16 515kW (690HP) Stage II

Drive Type: Direct Drive  
 Hydraulic Tank Capacity: 500L  
 Diesel Tank Capacity: 1000L

### UNDERCARRIAGE

Tracks: 400mm (16") Triple Grouser, 3237mm (10' 7") long  
 Tracking Speed: 1.5 km/h

### ROTOR

Speed: 1000rpm  
 Type: Swinging  
 Rotation: Upturn  
 Length: 1750mm (5' 9")  
 Tip Diameter: 1100mm (3' 7")  
 Hammers: 36 Swinging

Specification subject to change without notice

### INFEED

Drives: Independent Hydrostatic Drives  
 Infeed Opening: 780mm (2' 7") x 1700mm (5' 7")  
 Conveyor Type: Drag Chain  
 Max Conveyor Speed: 34m/min (111' 7"/min)  
 Feed Wheel Tip Diameter: 1047mm (3' 5")  
 Max Feed Wheel Speed: 20rpm / 66m/min (216' 6"/min)

### TRANSFER CONVEYOR

Belt: 1400mm (4' 7") Plain Belt  
 Length: 5400mm (17' 9")  
 Max Belt Speed: 110m/min (360' 11"/min)

### PRODUCT CONVEYOR

Belt: 1400mm (4' 7") Chevron Belt  
 Length: 7500mm (24' 7")  
 Working Angle: 15° - 35° Adjustable  
 Max Belt Speed: 220m/min (721' 9"/min)

### OPTIONS

Overband Magnet  
 Various Screen Apertures & Types (Standard Wood, 3D & Green Waste)  
 Dust Suppression  
 Fire Suppression  
 Ripstop Transfer Belt  
 Various Hammer Types  
 Hopper Closer  
 Magnetic Head Drum  
 Hardfaced Rotor





## 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 8771 8500

---

Dealer Stamp:

## NEWTON

22 Whittier Street  
Newton, New Hampshire  
USA, 03858

Tel: +1 (603) 382 0556

---

February 2021. 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 © 2021 Terex Corporation.