

PRODUCT
SPECIFICATION

 **TEREX**[®]

 **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 661HP 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 493kW (661Hp) Tier 4 Final
- 35,600 kg



TECHNICAL DATA

TRANSPORT DIMENSIONS

Height: 3,350mm
Width: 3,000mm
Length: 13,580mm
Weight: 35,600kg

WORKING DIMENSIONS

Max Discharge Height: 5,065 mm
Width: 3,000mm
Length: 14,740mm
Hopper Length: 3,800mm
Hopper Width: 1,700mm

POWER UNIT

Engine Type: Scania DC16 Tier 4 Final
Power: 493kW (661HP)
Drive Type: Direct Drive
Hydraulic Tank Capacity: 500L
Diesel Tank Capacity: 1000L

UNDERCARRIAGE

Tracks: 400mm Triple Grouser, 3,237mm long
Tracking Speed: 1.5 km/h

ROTOR

Speed: 1,000rpm
Type: Swinging
Rotation: Upturn
Length: 1,750mm
Tip Diameter: 1,100mm
Hammers: 36 Swinging

INFEED

Drives: Independent Hydrostatic Drives
Infeed Opening: 780mm x 1,700mm
Conveyor Type: Drag Chain
Max Conveyor Speed: 34 m/min
Feed Wheel Tip Diameter: 1,047mm
Max Feed Wheel Speed: 20rpm / 66m/min

TRANSFER CONVEYOR

Belt: 1,400mm Plain Belt
Length: 5,400mm
Max Belt Speed: 110m/min

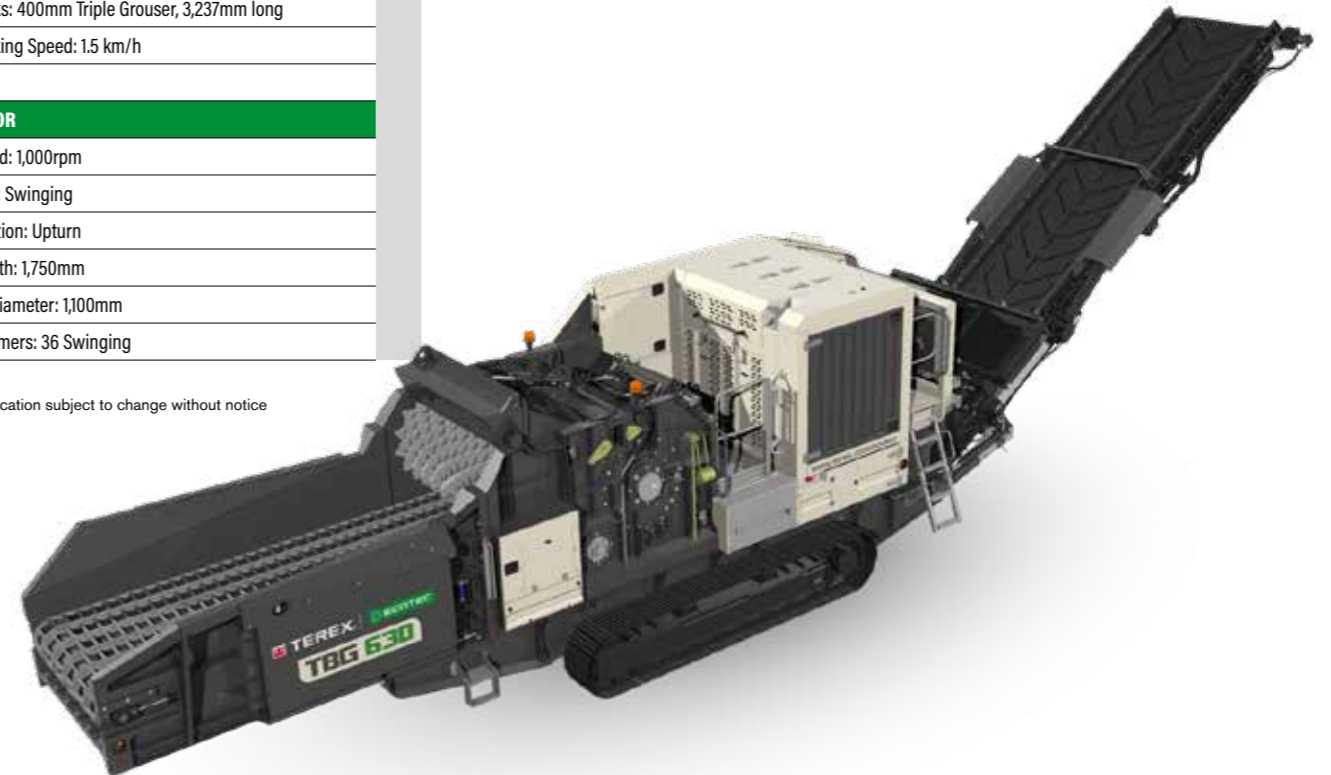
PRODUCT CONVEYOR

Belt: 1,400mm Chevron Belt
Length: 7,500mm
Working Angle: 15° - 35° Adjustable
Max Belt Speed: 220m/min

OPTIONS

Overband Magnet
Various Screen Apertures
Dust Suppression
Fire Suppression

Specification subject to change without notice





DUNGANNON

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

Tel: +44 (0) 28 87 718 500

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

Dealer Stamp:

April 2018. 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 © 2018 Terex Corporation.