

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 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	INFEED	OPTIONS
Height: 3350mm (10' 12")	Drives: Independent Hydrostatic Drives	Overband Magnet
Width: 3000mm (9' 10")	Infeed Opening: 780mm (2' 7") x 1700mm (5' 7")	Various Screen Apertures & Types (Standard Wood, 3D & Green Waste)
Length: 13580mm (44' 7")	Conveyor Type: Drag Chain	Dust Suppression
Weight: 35600kg (78,485lbs)	Max Conveyor Speed: 34m/min (111' 7"/min)	Fire Suppression
	Feed Wheel Tip Diameter: 1047mm (3' 5")	Ripstop Transfer Belt
	Max Feed Wheel Speed: 20rpm / 66m/min (216' 6"/min)	Various Hammer Types
		Hopper Closer
		Magnetic Head Drum
		Hardfaced Rotor
WORKING DIMENSIONS	TRANSFER CONVEYOR	
Max Discharge Height: 5065mm (16' 7")	Belt: 1400mm (4' 7") Plain Belt	
Width: 3000mm (9' 10")	Length: 5400mm (17' 9")	
Length: 14740mm (48' 4")	Max Belt Speed: 110m/min (360' 11"/min)	
Hopper Length: 3800mm (12' 6")		
Hopper Width: 1700mm (5' 7")		
POWERUNIT	PRODUCT CONVEYOR	
Engine:	Belt: 1400mm (4' 7") Chevron Belt	
<ul style="list-style-type: none"> Scania DC16 500kW (670HP) Stage V Scania DC16 493kW (661HP) Tier 4 Final Scania DC16 515kW (690HP) Stage II 	Length: 7500mm (24' 7")	
Drive Type: Direct Drive	Working Angle: 15° - 35° Adjustable	
Hydraulic Tank Capacity: 500L	Max Belt Speed: 220m/min (721' 9"/min)	
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





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