



TBG 630 Features & Benefits

Rev 0 – 10/05/2018

Rev 1 – 12/01/2022



Key Features



TEREX®



ECOTEC



- 670HP High speed shredder
- 36 Swinging hammers
- Excellent service & maintenance access
- Fuel efficient Scania engine
- Class leading stockpile height





- Length 13579mm (44'7")
- Width 2988mm (9'10")
- Height 3348mm (11')
- Weight* 35600kg (78485lb)

Quick and easy set up. From transport to working in under 5 minutes with no tools required

*depending on options included

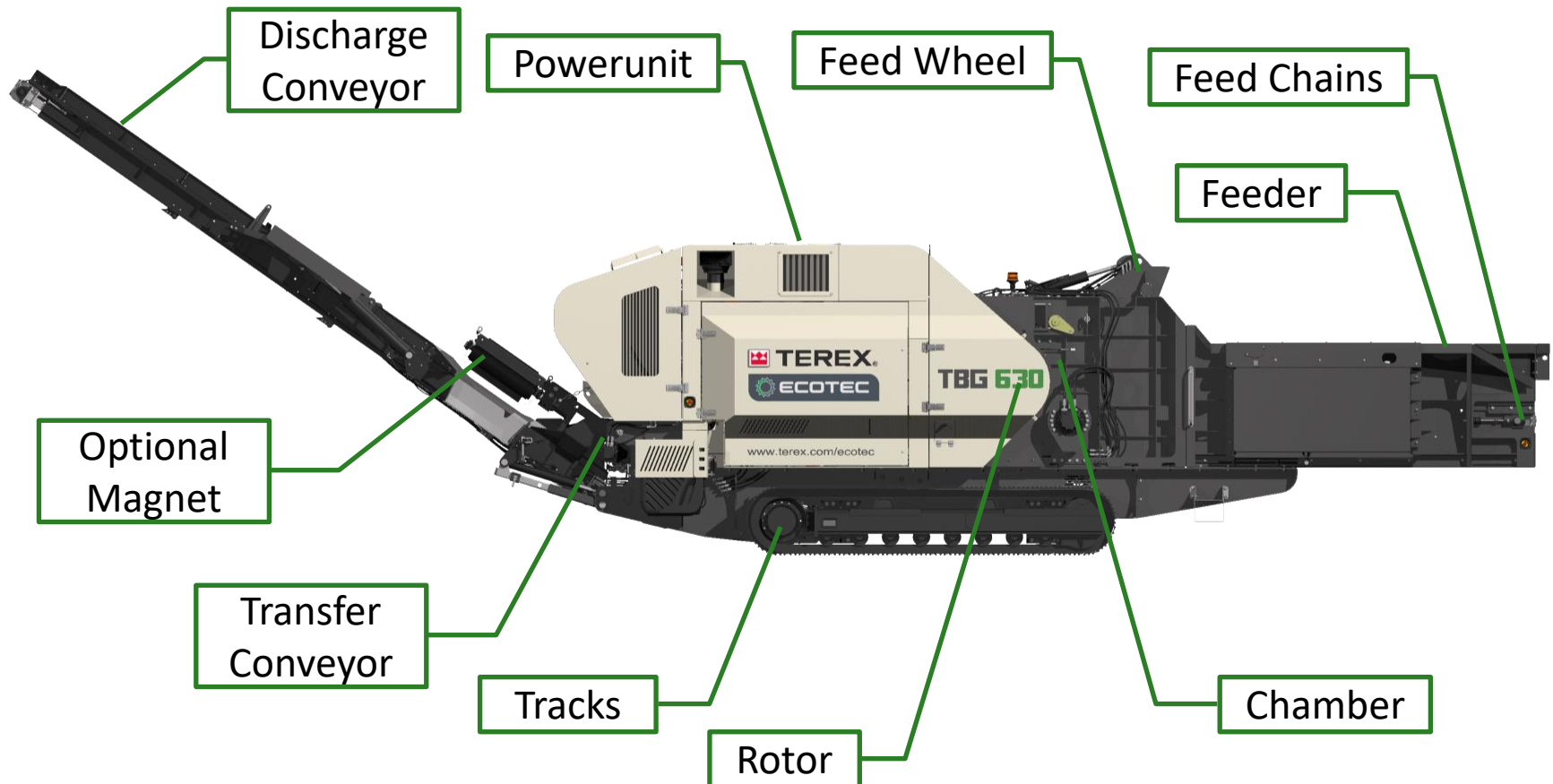
Key Components



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Tracks



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- 400mm Triple Grouser, 3237mm long
- 1.5 Km/h tracking speed
- 2 tracking speeds
- Can be tracked via wired dog lead or remote control.
- Windrow function available as standard



Feeder & Feed Chains



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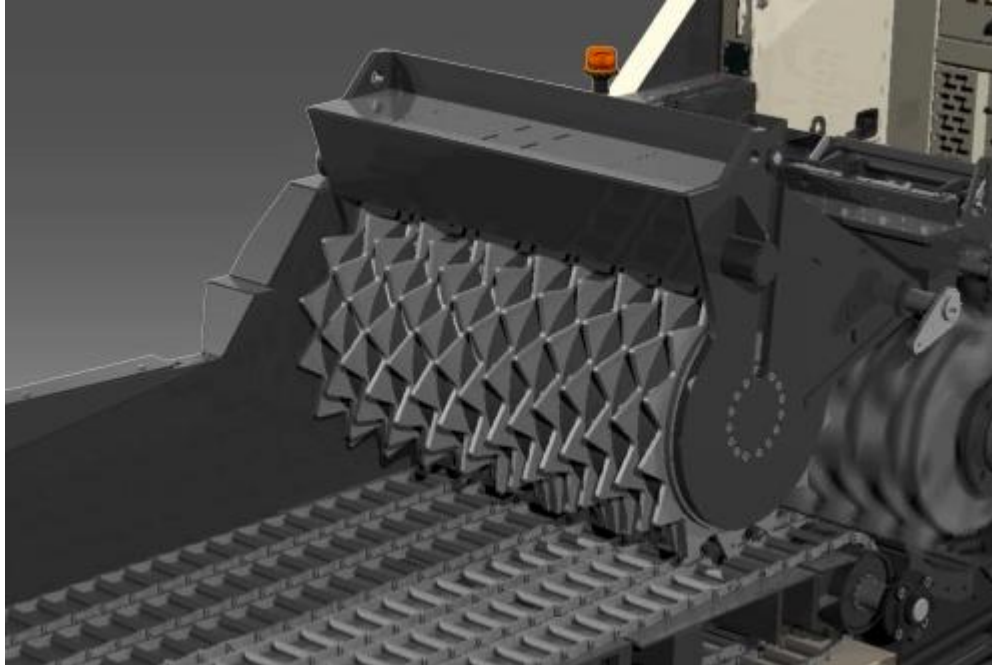


ECOTEC



- Hopper size 3800 x 1410 x 685
- 6 rows of staggered drag chains
- Independent drive allows machine to intelligently vary infeed speed depending on engine load or RPM
- Feeder can be stopped, started and reversed from remote
- Removable bypass plate to allow fine material to bypass rotor
- Open hopper as standard or optional closing plate



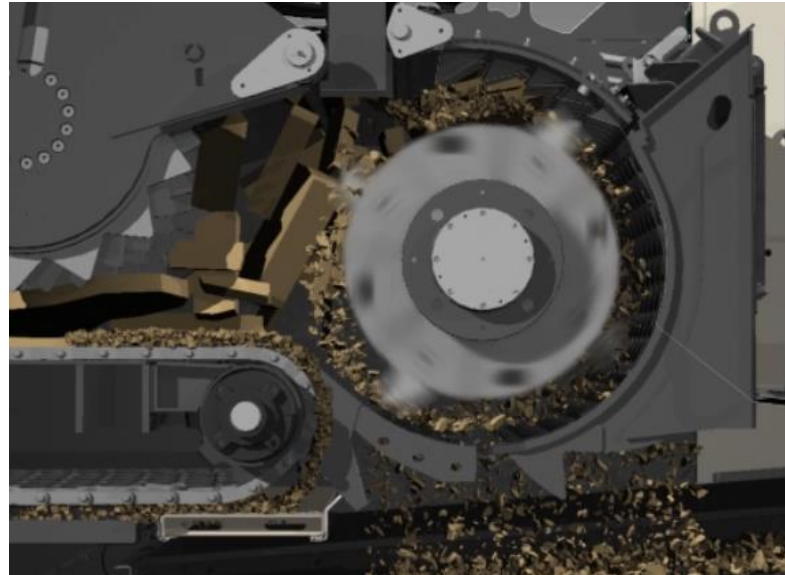


- Assists with pulling material into rotor
- Feed wheel assist - helps the feed wheel rise over material and also can apply downforce to breakup and push the material into the rotor
- Feed wheel can be raised, lowered, reversed from remote
- Just like the feed chains, the feed wheel speed can vary depending on engine load or RPM

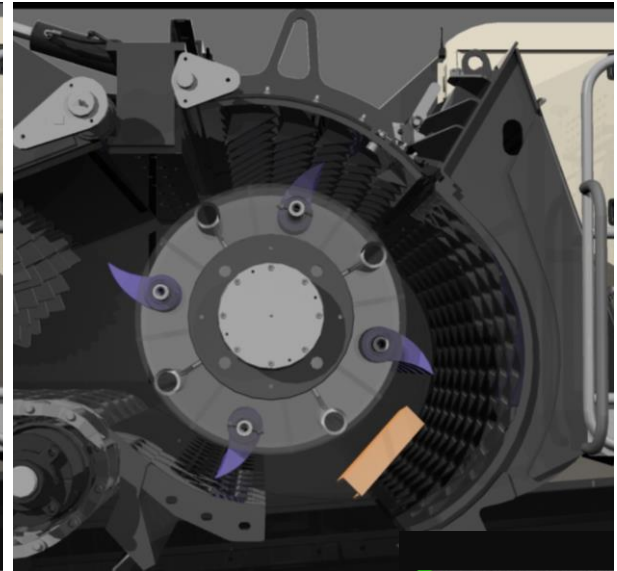
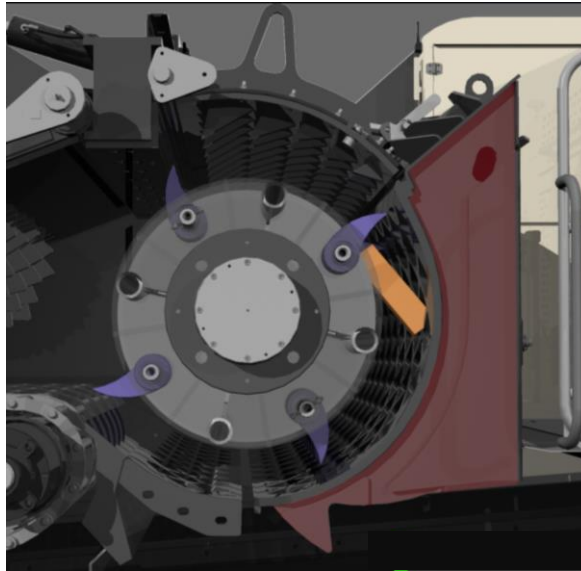
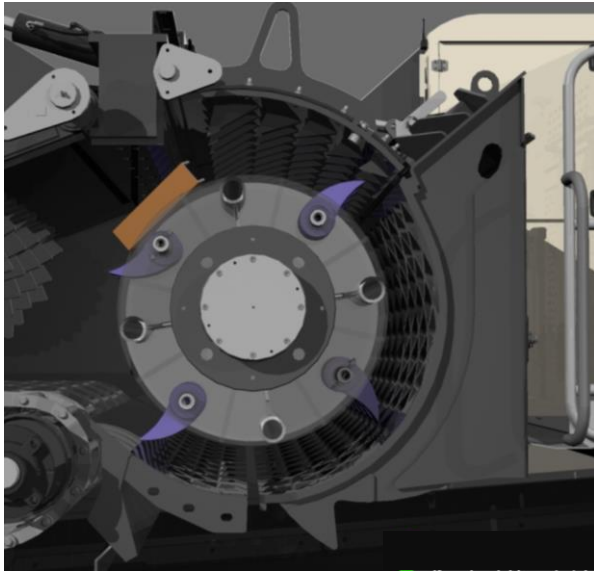
Chamber



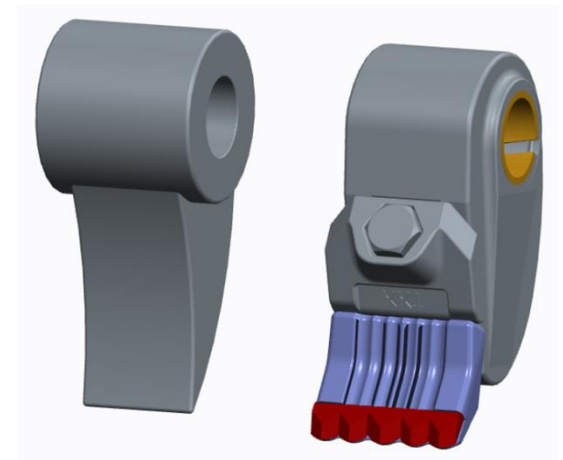
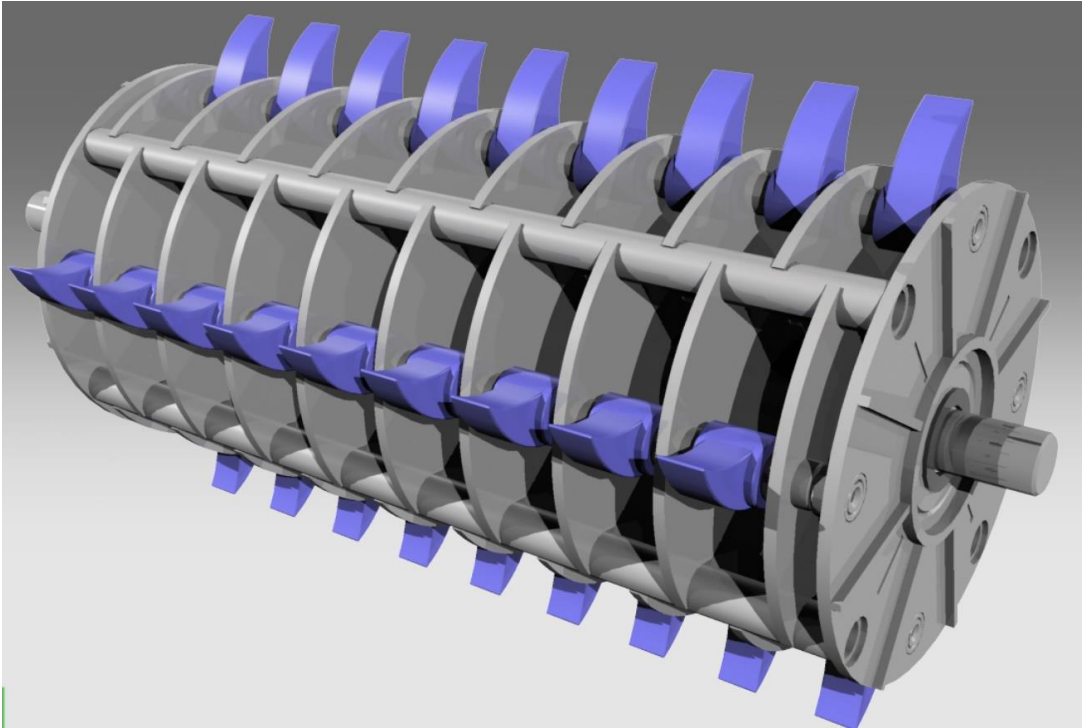
- Replaceable heavy duty anvil wear plates
- Easy change screens
- Large range of screens available for both wood and organic material
- Adjustable height on grinding path
- Second lower screen to increase throughput
- Excellent access to rotor for maintenance
- Interlock for operator safety



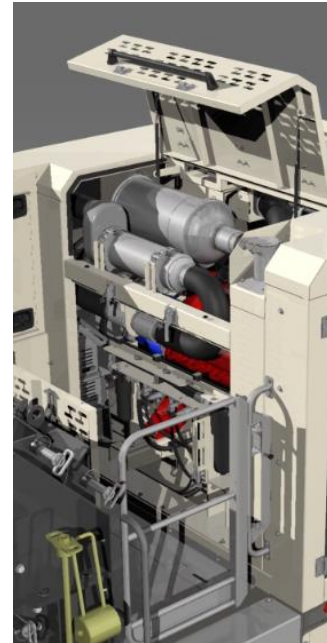
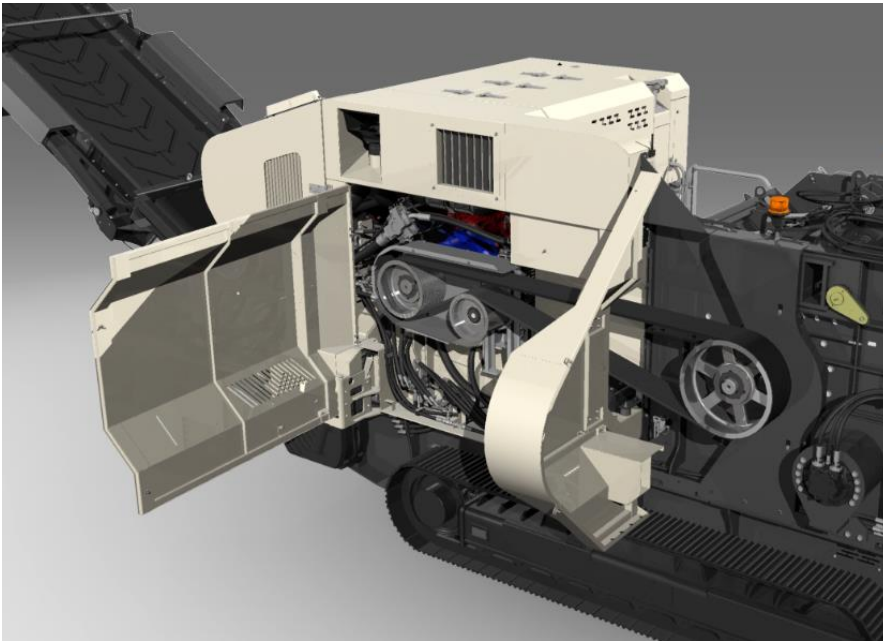
- In the event of an unshreddable material entering the chamber the swinging hammers can move back to avoid damage to the rotor
- The screen releases allowing the material to fall out of the chamber
- Screen kick can also be activated on the remote by the operator



Rotor



- 36 Up-swinging hammers
- Single piece or replaceable tip hammers available
Hammer changes simple and easy to do
- Operating speed 1000 -1040rpm (1500-1550 engine rpm)
- Tip diameter 1090mm



- 670hp Scania V8 DC16 Stage V (500kW)
- Direct drive rotor with clutch control
- Normal engine operating speed – 1500RPM
- 2 gullwing doors and removable face panels allow unhindered access to both sides of engine
- All filters easy accessed for maintenance
- Fuel capacity 1000L
- CANBUS control system with user friendly color display offering simple operation and diagnostics
- Cleanfix reversing fan for cleaning the cooling pack
- Stage II & Tier IV Final engine options available

Transfer Conveyor



- Heavy duty impact bed under chamber
- 1400mm wide belt
- Max belt speed 110m/min
- Head/tail drum and bearings accessible without removing conveyor from chassis
- Removable cassette for belt changes



Product Conveyor



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- 1400mm wide Chevron Belt
- 15-35deg adjustable working angle
- Max discharge height 5065mm
- Max belt speed 220m/min
- Fully adjustable speed from control panel
- Speedwheel to detect conveyor under speed and stop machine
- Optional magnetic head-drum available



Overband Magnet (Optional)

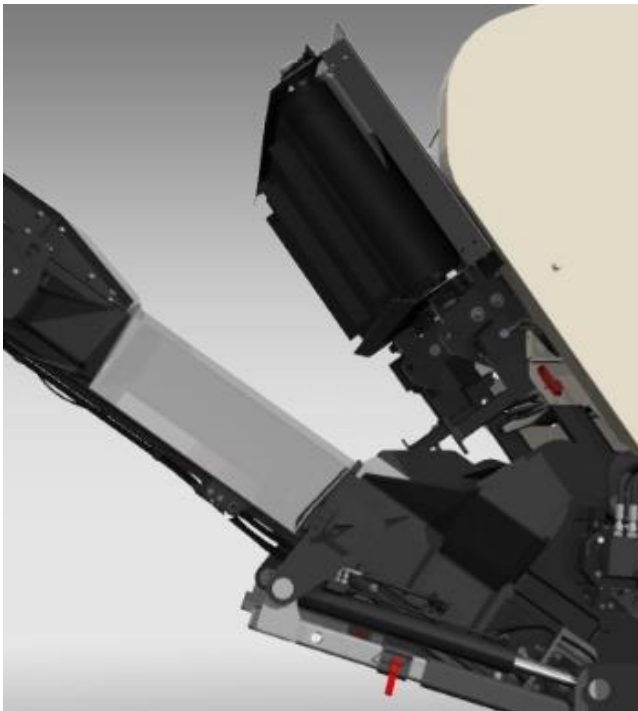


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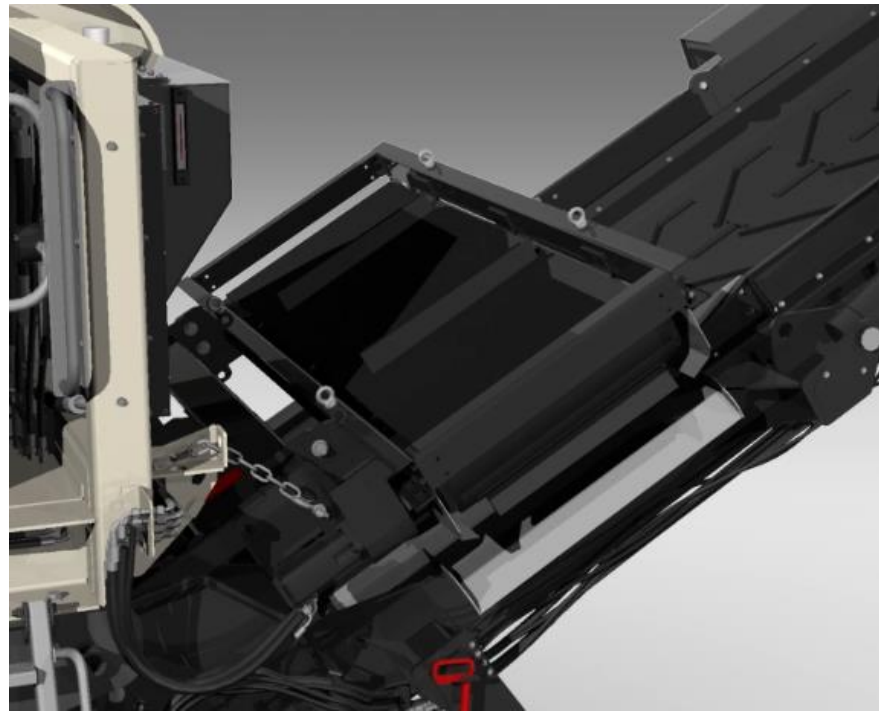


ECOTEC

- Can be discharged either side of machine
- Adjustable speed
- Easy height adjustment and can be stowed out of way if required
- Rare earth option available



Stowed



Working

Typical Applications



Waste Wood - Biomass



Organic – Green Waste