

SLOW SPEED SHREDDER

TDS 820

TEEvolution 



AGGRESSIVE SLOW SPEED SHREDDER

The TDS 820 is an aggressive slow speed shredder suitable for all types of material. Customisable shredding programs allow operators to configure the machine to their specific requirements, reducing wrappage and maximising production.



TDS 820



Independent shredding shafts allow for maximum application flexibility.

Key features include the hydrostatic drive offering better protection against contamination and allowing for bi-directional shredding. The double shaft shredder has 2m long shafts with a fully welded tooth configuration, impressive throughput and excellent reduction.

The independent gearboxes enable each shaft to be run separately helping to reduce wrappage and improve the shredding of material.

Additional features include the tipping feeder which increases the feed area. Hopper extensions provide increased capacity in bulky applications.

The TDS 820 is powered by the following engines dependent on geographic area and emission regulations; Scania DC13 330kw (440HP) Tier 4 final for the US and EU, Scania DC13 371kw (497HP) constant speed for the EU and the Scania DC13 331kw (440HP) Tier 2 for RoW.

The machine is manoeuvred via a robust tracked undercarriage making it a great solution for difficult terrain.

TEEvolution

TEEvolution by Terex® Environmental Equipment is a program that incorporates higher performance and higher efficiency products with reduced noise emissions and measures that make the products overall more efficient to use.

The rewards for our customers are:

- Lower Engine Operating Speed
 - Efficient Hydrostatic & Hydraulic Systems
 - User friendly machine control systems with advanced technology
 - Market leading serviceability and access
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Key Features



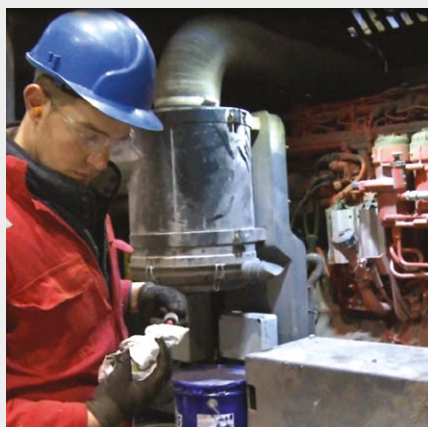
A powerful Scania engine with a low operating speed combined with an efficient hydrostatic drive creates a very responsive shredding action with protection against unshreddable contaminants



User friendly colour display offering simple operation and diagnostics

Customisable shredding programs allow operators to tailor the machine for specific applications

Excellent service access reduces operator downtime



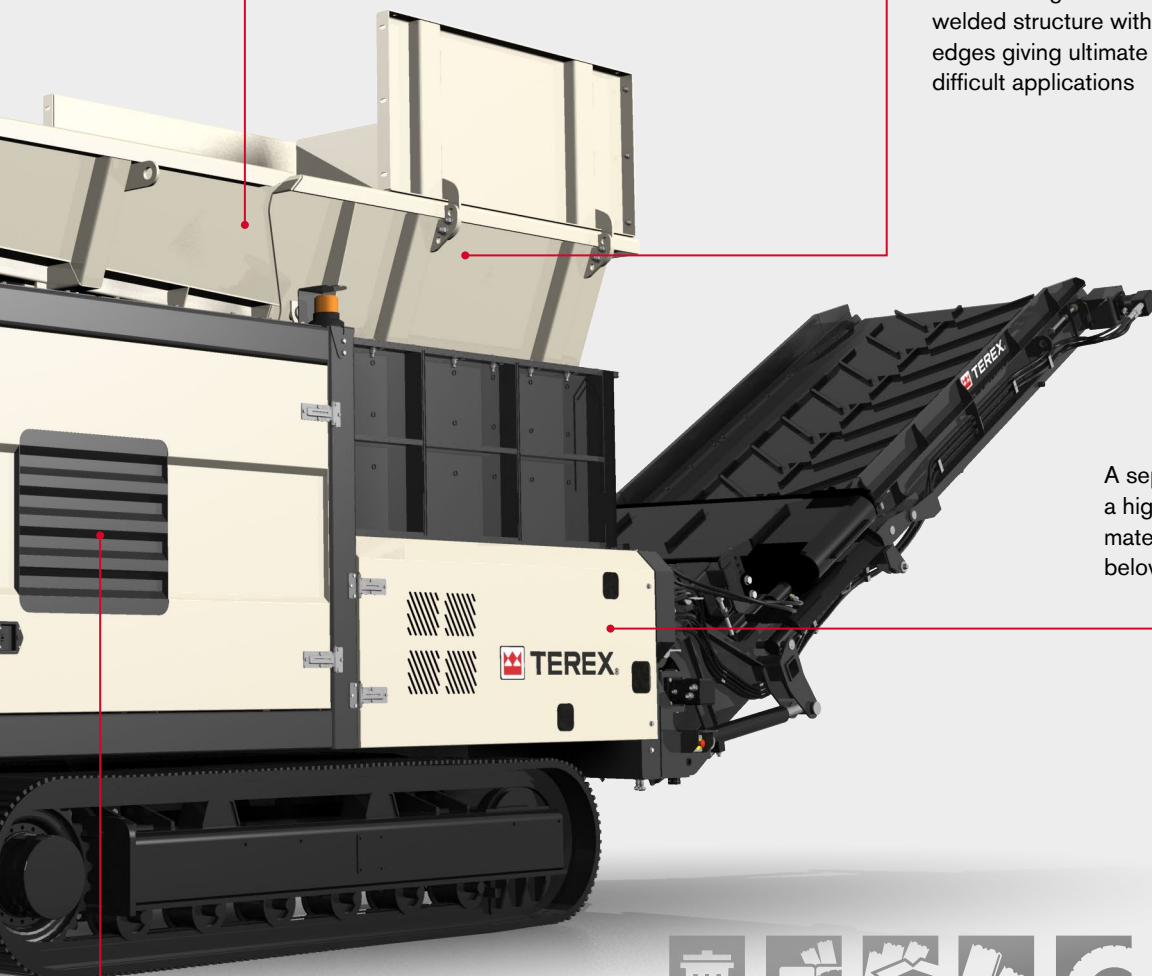


Robust German designed shredding chamber

Independently driven shafts give excellent shredding performance in even the most challenging of applications



Shaft cutting elements are a fully welded structure with hard-faced edges giving ultimate strength in difficult applications



A separate transfer conveyor with a high specification belt ensures material is effectively removed from below the shredding chamber



Household Waste



Bulky Waste



Commercial Waste



Waste Wood



Tyres



Green Waste

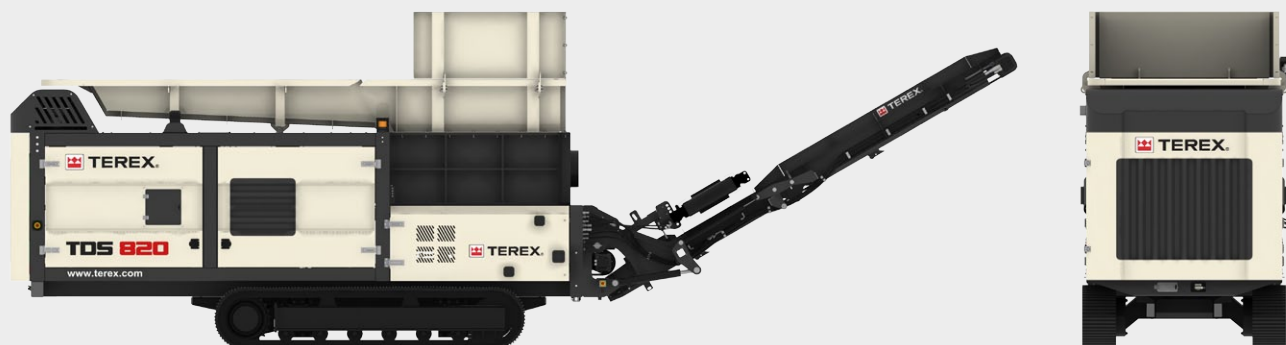


Forestry Waste



Logs

Technical Data



Transport Dimensions

Length: 9100mm (29' 10")
Width: 2500mm (8' 2")
Height: 3200mm (10' 6")
Weight: 27,500Kg (60,600lbs)
(dependent on options)

Working Dimensions

Length: 11700mm (38' 5")
(product belt @ 35°)
Width: 2500mm (8' 2")
Feed Height: 3200mm (10' 6")
Discharge Height:
3900mm (12' 10") – 1700mm (5' 7")

Shredding Unit

Type of shredder: Twin shaft slow speed
Shaft Length: 2000mm
Shaft diameter: 700mm
Torque per shaft: 100 000Nm
Tilting feeder capacity: 7m³

Powerpack

Engine:

- Scania DC13 331kW (440HP)
Tier 4 Final (USA & EU)
- Scania DC13 371kW (497HP)
Constant speed (EU)
- Scania DC13 331kW (440HP)
Tier 2 (ROW)

CleanFix variable pitch cooling fan
Shredder drive: Twin Hydrostatic
(independent shaft drive)
Fuel capacity: 500l
CAN BUS control system with user friendly
colour display offering simple operation and
diagnostics

Transfer conveyor

Width: 1300mm (4' 3")
Length: 2450mm (8' 0")
Max. belt speed: 130m/min (426' 6"/min)

Product conveyor

Width: 1400mm (4' 7")
Length: 5500mm (18")
Max. belt speed: 130m/min (426' 6"/min)

Tracked Undercarriage (option)

Bolt on tracks
500mm (20") shoe
2920mm (9' 7") sprocket centres

Options

Overband magnet
Various shaft/breaker bar configurations
Autolube system
800mm hopper extensions
Fire suppression
Additional hydraulic connection (85l/min)

CUSTOMER SUPPORT



We work with our customers to understand their equipment needs to select the product most suited to their business requirements. TEE customer support incorporates a range of services including parts, technical support, warranty and financial services.

Parts

TEE 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.

Technical Support

TEE 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 works for you.

Warranty

TEE 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.

Terex Financial Services

Financial Solutions Made Easy

TEE 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.



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