

SLOW SPEED
SHREDDER

TDS 820



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

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 maneuvered via a robust tracked undercarriage making it a great solution for difficult terrain.



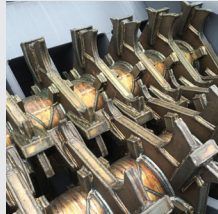
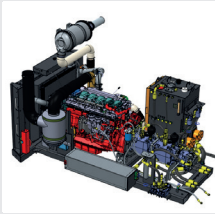
TEEvolution

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
- Marketing leading serviceability and access

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

- 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



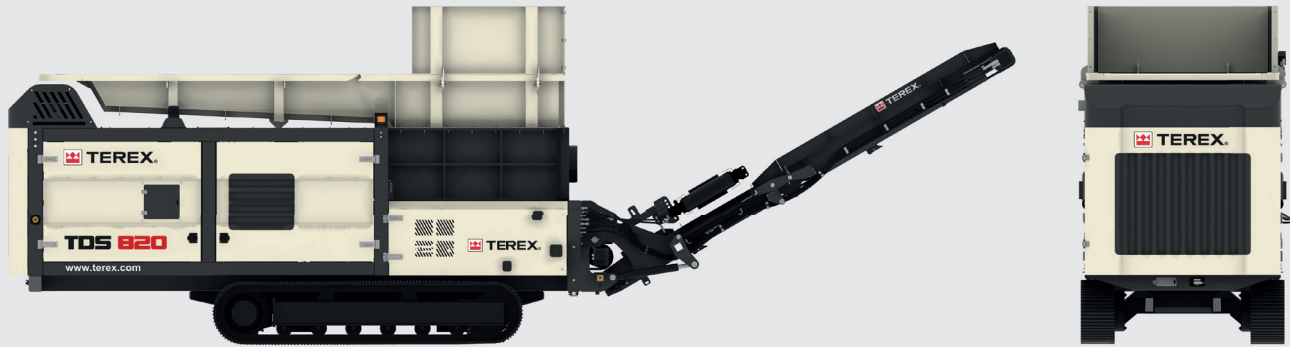
- A separate transfer conveyor with a high specification belt ensures material is effectively removed from below the shredding chamber

- 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



Technical Data



Transport Dimensions

Length: 9100mm (29' 10")
Width: 2500mm (8' 2")
Height: 3200mm (10' 6")
Weight: 27,500Kg (60600lbs)
(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

CANBUS 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)

FARWELL

1250 Commerce Drive
Farwell, Michigan, US, 48622

Toll Free: 1-800-953-5532

Dealer Stamp:

DUNGANNON

200 Coalisland Road
Dungannon, Co Tyrone
BT71 4DR Northern Ireland

Tel: +44 (0) 28 87 718 500

Fax: +44 (0) 28 87 747 231

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