

**PRODUCT
SPECIFICATION**



TDS 820

HIGH TORQUE SHREDDER



AGGRESSIVE HIGH TORQUE SHREDDER

The TDS 820 is an aggressive high torque 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 331kW (440HP) Stage V for EU, Scania DC13 331kW (440HP) Tier 4 Final for the USA and Scania DC13 371kW (497HP) Stage IIIA Constant Speed for ROW.

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

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



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



Excellent service access reduces operator downtime



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

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TECHNICAL DATA



TRANSPORT DIMENSIONS
Length: 9100mm (29' 10")
Width: 2500mm (8' 2")
Height: 3200mm (10' 6")
Weight: 27,500kg (60,627lbs) (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
Autolube for shredder shaft bearing

POWERUNIT
Engine: - Scania DC13 331kW (440HP) Stage V (EU) - Scania DC13 331kW (440HP) Tier 4 Final (USA) - Scania DC13 371kW (497HP) Stage IIIA Constant Speed (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
Bolt on tracks
500mm (20") shoe
2920mm (9' 7") sprocket centres
OPTIONS
Overband Magnet
Various Shaft/Breaker Bar Configurations
Plant Autolube (Excluding Shredder Shafts)
Extended Discharge Conveyor
Hydraulic Raise / Lower Overband Magnet
Hydraulic Folding Hopper Extensions
Chamber Camera & Monitor

Specification subject to change without notice

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CUSTOMER SUPPORT

With you every step of the way

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



The Right Part at the Right Time

Terex Ecotec 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.



Warranty Delivering on our promise so you can keep yours

Terex Ecotec 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.



Expert technical support

Terex Ecotec 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 Financial Services Financing that works for you

Terex Ecotec 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.



Delivering On Our Promises,
So You Can Keep Yours.



CAMPSIE

20 Keans Hill Road
Campsie Industrial Estate
BT47 3YT, Northern Ireland

Tel: +44 (0) 28 7122 3110

DUNGANNON

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

Tel: +44 (0) 28 8771 8500

Dealer Stamp:

NEWTON

22 Whittier Street
Newton, New Hampshire
USA, 03858

Tel: +1 (603) 382 0556

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