

PRODUCT  
SPECIFICATION



# TDS 825

SLOW SPEED SHREDDER



# HIGH CAPACITY SHREDDING

The TDS 825 is a robust twin shaft, slow speed shredder. Ideal for large scale operations this high capacity machine takes shredding to the next level and is suitable for all types of material including household waste, bulky waste, commercial waste, green waste, waste wood, tree stumps and roots. Customisable shredding programs allow operators to configure the machine to their specific requirements, maximising production. Designed with unrivalled levels of service access, quick and easy set-up is guaranteed from ground level.



# TDS 825

**Independently driven shafts  
for ultimate versatility**



Key features include the hydrostatic drive which offers protection against contamination and allows for bi-directional shredding. The double shaft shredder has 2.5m long shafts made from solid steel, with a fully welded tooth configuration giving an extremely high production rate with excellent size reduction.

Independent gear boxes enable each shaft to be run separately helping to reduce wrappage and improve the shredding of material. Should a blockage occur the shafts can be controlled via the radio remote control allowing material to be repositioned before attempting to shred again.

Powered by a 770HP Scania V8 DC16, the TDS

825 has been designed to provide operators with unrivalled levels of service access. The high volume, tipping hopper increases the feed area providing optimum material feed and can be activated using the control panel or via the remote control. Tipping cycle times can be configured to suit the application. Hydraulic folding hopper extensions allows for increased capacity, preventing the infeed material from falling out especially in bulky applications. Quick and easy set-up from ground level is guaranteed taking a matter of minutes with no tools or working at height required.

The TDS 825 is manoeuvred via a robust tracked undercarriage making it a great solution for difficult terrain.



# KEY FEATURES



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  
2.5m long shafts made from solid steel with a fully welded tooth configuration



Hydraulic folding hopper extensions allows for increased capacity. Quick and easy set-up from ground level in a matter of minutes (Optional)



High strength overband magnet with hydraulic raise/lower function (Optional)



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

Excellent service access reduces operator downtime



Product conveyor raises hydraulically and folds into maintenance mode to allow removal of the transfer conveyor



Full chamber access for servicing and breaker bar replacement

# TECHNICAL DATA



### TRANSPORT DIMENSIONS

Length: 9700mm (32')
Width: 3000mm (9' 10")
Height: 3400mm (11' 2")
Weight: 46,500Kg (102,514lbs) (includes hopper extensions & magnet)

### WORKING DIMENSIONS

Length: 13860mm (45' 6") (product belt @ 35°)
Width: 3000mm (9' 10")
Feed Height: 3385mm (11' 1")
Discharge Height: 4300mm (14' 1") – 2000mm (6' 6")

### SHREDDING UNIT

Type of Shredder: Twin shaft slow speed
Shaft Length: 2260mm
Shaft Diameter: 400mm solid
Effective Tool Diameter: 870mm
Torque Per Shaft: 165 000Nm
Feeder & Tilting Hopper Capacity: 8.5m³
Autolube for shredder shaft bearing

### POWERPACK

Engine: • Scania DC16 566kW (770HP) Stage II, IV & V
CleanFix variable pitch cooling fan
Shredder Drive: Twin Hydrostatic (Independent Shaft Drive)
Fuel Capacity: 1000l
CAN BUS control system with user friendly colour display offering simple operation and diagnostics

### TRANSFER CONVEYOR

Width: 1400mm (4' 7")
Length: 3100mm (10' 2")
Max. belt speed: 160m/min (520' /min)

### PRODUCT CONVEYOR

Width: 1400mm (4' 7")
Length: 6700mm (21' 11")
Max. belt speed: 150m/min (490' /min)

### TRACKED UNDERCARRIAGE

Bolt on tracks
500mm (20") shoe
3800mm (12' 6") sprocket centres

### OPTIONS

Overband magnet
Various shaft/breaker bar configurations
Hydraulic folding hopper extensions
Fire suppression
Additional hydraulic connection (65l/min)
Chamber camera & monitor

Specification subject to change without notice

# 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.



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