

PRODUCT
SPECIFICATION



TSS 390

SINGLE SHAFT, SLOW SPEED SHREDDER



ROBUST & VERSATILE SHREDDING

The TSS 390 is a robust and versatile single shaft, slow speed shredder. Powered by a fuel efficient 493HP Scania DC13 engine, it is designed for maximum output and minimum downtime. Ideal for volume reduction, the TSS 390 has the ability to handle the toughest of materials including tree stumps and roots, green waste, C&D waste, waste wood, pallets and rail ties. The TSS 390 is simple to operate, offers excellent all-round serviceability and is available in both tracked and wheeled variants.



TSS 390

High Torque, Variable Speed Shredding



The TSS 390's 3m long shredding shaft was expertly designed in-house and is made from heavy-duty steel, with easily replaceable, bolt-on shredding teeth. Being hydrostatically driven, it offers the benefit of full speed reverse, as well as protection against contaminants. Customisable shredding programs enable the operator to configure the machine to their specific requirements and offers improved shaft cleaning in difficult applications, reducing wrappage and optimising throughput.

Shredding takes place against a hydraulically adjustable counter comb allowing the product size to be tailored. This comb can be operated in either a fixed position, where product size is critical or in release mode when the comb can open rapidly to allow large contaminants to pass without the need to stop shredding.

Designed to provide operators with unrivalled levels of service access the shredding chamber has hydraulically operated doors on both sides allowing chamber maintenance to be carried out with ease. The TSS 390 offers quick and simple set-up and will be ready to shred in a matter of minutes. All conveyors are modular in design allowing each one to be removed independently, reducing maintenance downtime.

The TSS 390 is available in both tracked and wheeled variants. The tracked unit is fitted with heavy duty crawler tracks and offers ultimate site mobility. The 5th wheel, tri axle wheeled unit, complete with European Whole Vehicle Type Approval, offers unrestricted movement between sites ensuring maximum uptime.

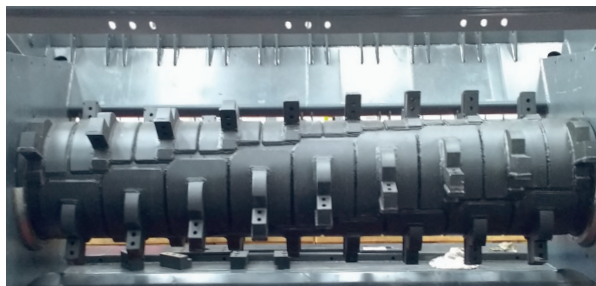


➤ KEY FEATURES



User friendly colour display offering simple operation and diagnostics

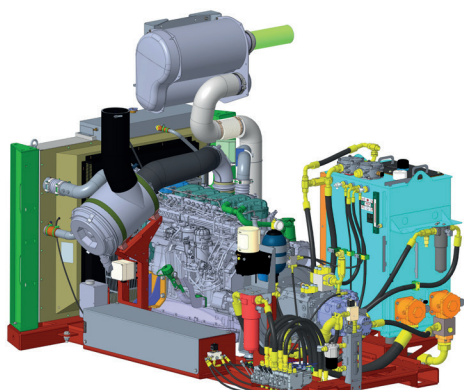
Customisable shredding programs allow operators to tailor the machine for specific applications



Expertly designed in-house shredding chamber

3m long shaft made from heavy duty steel with an AR lining and bolt on teeth

Multiple shredding chamber configurations



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 and also offers full torque, full reverse



Excellent service access reduces operator downtime





Bulky Waste



Commercial Waste



Waste Wood



Green Waste



Forestry Waste



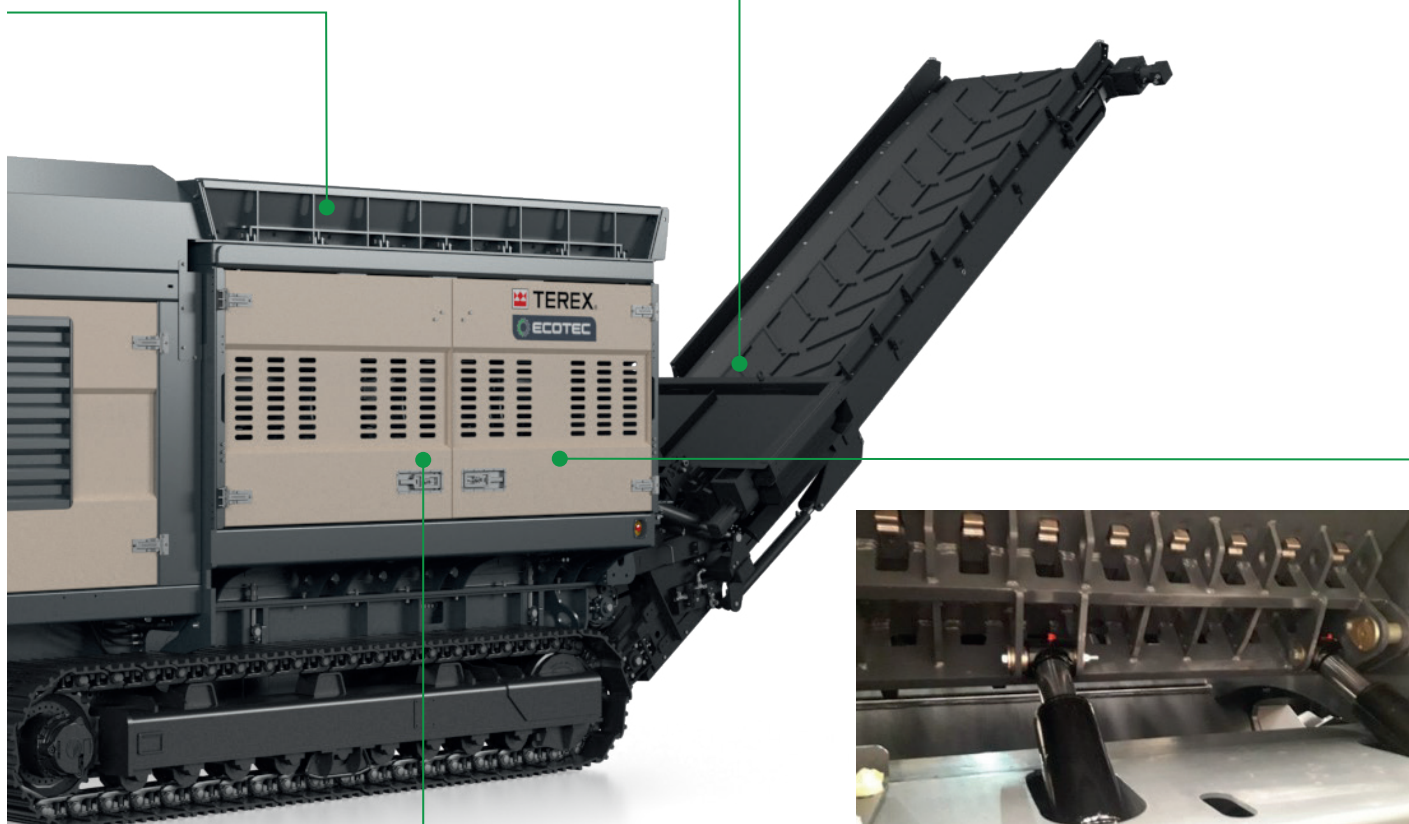
Timber Waste



High strength overband magnet with remote hydraulic raise/lower function to quickly release trapped material (Optional)



Hydraulically operated access doors on both sides of the chamber for teeth replacement and servicing



Hydraulically adjusted counter comb allowing product size to be altered to requirements

Comb can be operated in fixed position for specific product size or release mode to allow contaminants to pass

▼ TECHNICAL DATA



TRANSPORT DIMENSIONS	POWER UNIT	TRACKED UNDERCARRIAGE
Length: 10180mm (33' 5")	Engine:	Bolt on tracks
Width: 2525mm (8' 3")	• Scania DC13 368kW (493HP) Stage V (EU)	400mm (16") shoe
Tracked Height: 3400mm (11' 2")	• Scania DC13 368kW (493HP) Tier 4 Final (USA)	3700mm (12' 2") sprocket centres
Wheeled Height: 3850mm (12' 8")	• Scania DC13 368kW (493HP) Stage II (ROW)	
Max. Weight: 32,000kg (70,548lbs) (dependent on options)	Shredder Drive: Hydrostatic & Planetary Gearbox	WHEELED UNDERCARRIAGE
	CleanFix variable pitch cooling fan	3 axle
	Fuel Capacity: 750l (200 US gal)	5th wheel hitch
	CANBUS control system with user friendly colour display offering simple operation and diagnostics	Max. speed: 80km/hr (50mph)
WORKING DIMENSIONS	TRANSFER CONVEYOR	Suspension: Leaf spring
Length: 14600mm (47' 11") (product belt @ 35°)	Width: 1000mm (3' 3")	OPTIONS
Discharge Height: 4650mm (15' 3") (product belt @ 35°)	Length: 4000mm (13' 1")	Wheeled or Tracked version
Feed Height: 3000mm (9' 10")	Max. belt speed: 130m/min (427' /min)	Overband magnet
SHREDDING UNIT	PRODUCT CONVEYOR	Various shredding chamber configurations
Type of Shredder: Single shaft slow speed (0 – 32 RPM)	Width: 1200mm (3' 11")	Sizing fingers/screens - TBC
Shaft Length: 3000mm	Length: 7000mm (22' 12")	Autolube system
Shaft Diameter (Tooth Tip): 990mm	Max. belt speed: 130m/min (427' /min)	Hopper extensions
Max. Shaft Torque: 220+ KNm		Chamber camera & monitor
Hydraulic Tramp Relief System		
Sizing Screen (Option)		
Side Comb Access		
Bolt on Teeth (18 or 36 teeth options)		

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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