

**PRODUCT  
SPECIFICATION**



# TRS 550

**RECYCLING  
SCREEN**





# THE ULTIMATE RECYCLING SCREEN

The TRS 550 is the ultimate screening machine for difficult applications. The robust 3 way split machine combined with the accuracy and efficiency of the Spaleck 3D Combi screen box allows operators to screen materials previously classed as too difficult to process.



# TRS 550

TRS 550 processing scrap metal, the 3D top deck ensures blockage free production, increasing productivity and earnings. The aggressive bottom deck provides highly efficient fines separation.



Terex® Ecotec's tracked heavy duty screen can be operated in a wide range of primary and secondary screening applications. The TRS 550 Recycling Screen features a two-deck German-designed recycling waste screen with Flip-Flow-Screen technology. This high-performance waste screen is combined with advanced technology on the bottom deck to elevate the TRS 550 into a class of its own.

Applications that this recycling screen processes include municipal solid waste (MSW), construction and demolition material (C&D), incineration slag, light and heavy shredder fraction and metal recycling. Its processing capabilities and application flexibility make the machine the only all in one mobile solution for the processing and separation of recycling materials.



# KEY FEATURES



Aggressive flip-flow bottom deck.  
Variety of mat sizes available.  
Secured with friction wedges, no securing bolts.



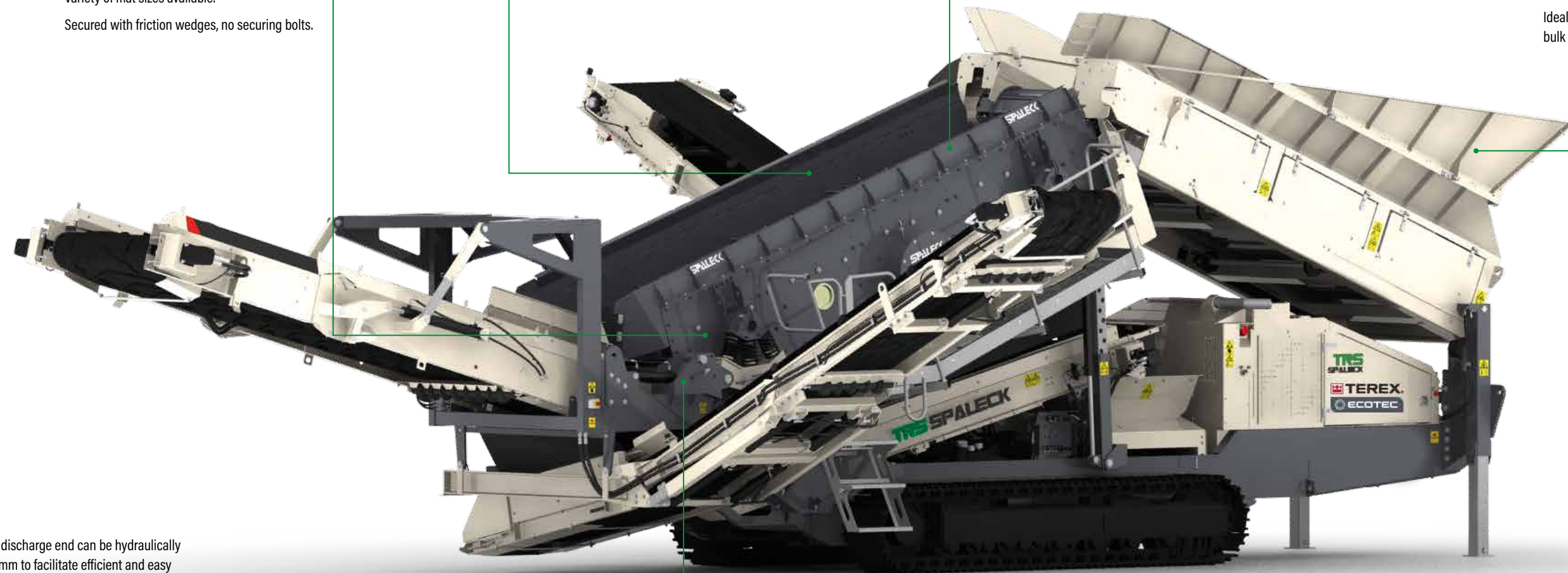
3D punchplate as standard.  
Virtually blockage free using intelligent design.  
Material turners used to ensure maximum fines removal.



Optional 3D Rubber panels available.  
Optional heavy duty rubber top deck available.  
Both options ideal for processing difficult sticky material.



Heavy duty, abrasion resistant, steel apron feeder as standard.  
Ideal for feeding heavy of bulk material.



Screenbox discharge end can be hydraulically raised 500mm to facilitate efficient and easy media access and changing.

# TECHNICAL DATA

TRANSPORT DIMENSIONS	HOPPER / FEEDER	FINES CONVEYOR
Length: 14.8m (48' 8")	Hopper Capacity: 7m³ (9.16yd³)	Belt width: 800mm (32")
Width: 3.0m (9' 10")	Feed height: 3.6m (11' 10")	Belt spec: plain belt
Height: 3.4m (11' 2")	Feed in width: 2.6m (8' 7")	Working Angle: 24°-28°
Weight: 30,500kg (67,240lbs) (dependant on options)	Drive: Hydraulic variable speed drive via high torque gearbox	Rosta scraper on head drum
	Apron feeder dimensions: 1m wide x 3.81m (40" x 12' 6")	Speed: variable speed, 120 m/min (394 ft/min) max belt speed
	Speed: variable, 0-25mpm (83ft/min)	Standard Discharge Height: 4m (13' 1") max
	Abrasion Resistant steel pan apron feeder mounted with wide mouth opening	Stockpile capacity: 95m³ (124yd³) max
		Optional telescopic section
		Extended Discharge Height: 5.1m (16' 9")
		Stockpile capacity: 197m³ (258yd³) max
WORKING DIMENSIONS	SCREENBOX	UNDERCARRIAGE
Length: 14.8m (48' 8")	Top deck: 4.8m x 1.53m (16' x 5')	Shoe Width: 400mm (16")
Width: 12.6m (41' 4")	Bottom deck: 4.8m x 1.53m (16' x 5')	Sprocket Centres: 3.28m (10' 9")
Height: 4.8m (15' 9")	3D punch plate top deck	Speed: 0.8kph
	Flip - Flow technology bottom deck	Gradeability: 24.8°
	Screenbox can hydraulically adjust to an angle between 13°-19°	Raking Angle: 12° min
POWERUNIT	MIDGRADE CONVEYOR	TRANSFER CONVEYOR
Tier 3 / Stage IIIA: Caterpillar C4.4 Engine Power: 83kW (111.3hp) Engine Speed: 2200 rpm	Belt width: 800mm (32")	Belt width: 1.2m (48")
Tier 3 / Stage IIIA: Caterpillar C4.4 Engine Power: 97kW (130hp) Engine Speed: 2200 rpm	Belt spec: chevron belt	Belt spec: 3 ply Belt, EP 400
Stage IIIA Constant Speed: Caterpillar C4.4 Engine Power: 98kW (131hp) Engine Speed: 1800 rpm	Working Angle: 22°-26°	Belt Speed: 83 m/min (272 ft/min)
Tier 4F / Stage IV : Caterpillar C4.4 Engine Power: 82kW (110hp) Engine Speed: 2200 rpm	Speed: variable speed 120 m/min (394 ft/min) max belt speed	Conveyor fully skirted
	Standard Discharge Height: 3.4m (11' 2") max	
	Stockpile capacity: 58m³ (76yd³) max	OVERSIZE CONVEYOR
	Optional telescopic section	Belt width: 1.2m (48")
	Extended Discharge Height: 4.4m (14' 5")	Belt spec: 3 ply Belt, EP 400
	Stockpile capacity: 126m³ (165yd³) max	Working Angle: 18°-24°
		Speed: Variable speed, 50 m/min max belt speed
		Impact bars ¾ length of conveyor
		Steel skirted full length of conveyor
		Discharge Height: 3.6m (11' 10")
		Stockpile capacity: 70m³ (91yd³) max

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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