

TRS 550 SPALECK



SPECIFICATIONS

Operating Weight:	Approx. 70,547 lbs. Approx. 31,000 kg
Engine Options:	Tier 3 / Stage IIIA: CAT C4.4 83kW Tier 4i / Stage IIIB: CAT C4.4 82kW
	<i>Coming soon (from 2015)</i> Tier 4f / Stage IV: C4.4 82kW

FEATURES

Portability:	Track Mounted
Stockpilers:	3 onboard Hydraulic Folding

SCREEN SIZE

Top deck:	4800mm x 1500mm (16' x 5')
Bottom deck:	4800mm x 1500mm (16' x 5')



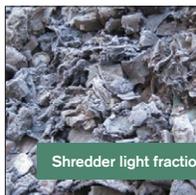
MSW



C+D / C+I



Incineration slag



Shredder light fraction



Shredder heavy fraction



Metal recycling

PROGRESS THROUGH DIVERSITY


 since 1869
conveying and separation technology

SPECIFICATION

HOPPER / FEEDER

Hopper Capacity: 7m³ (9.16yd³)

Feed height: 3.6m (11' 7")

Feed in width: 2.6m (15' 11")

Drive: Hydraulic variable speed drive via high torque gearbox

Apron feeder dimensions: 1m wide x 3.81m (40" x 12' 6")

Speed: variable, 0-25mpm (83ft/min)

Abrasion Resistant steel pan apron feeder mounted with wide mouth opening

SCREEN BOX

Top deck: 4.8m x 1.5m (16' x 5')

Bottom deck: 4.8m x 1.5m (16' x 5')

Rigid top deck: side

Flip Flow bottom deck: end

Drive: hydraulic with heavy duty bearing

Catwalks: Galvanised access catwalk on both sides of screen

Screen Angle: 13° - 19°, hydraulic adjust

Screen Speed: 720-810 rpm

Rigid Stroke: 10mm Live Deck Stroke: 22 - 26mm

Screen stroke standard: 10mm (0.4")

Screen box discharge end raises hydraulically 500mm to facilitate mesh changing

Total screening area: 14.4m²

Media options: 3D Punch Plate (top deck) or Heavy Duty Mats (top deck)

OVERSIZE CONVEYOR

Belt width: 1.2m (48")

Belt spec: 3 ply Belt, EP 400

Working Angle: 18° - 24°, hydraulic adjust

Speed: Variable speed, 50m/min max belt speed

Impact bars 2/3 Length of Conveyor

Steel skirted full length of conveyor

Discharge Height: 3.6m (11' 10")

Stockpile capacity: 70m³ (91yd³) max

TRANSFER CONVEYOR

Belt width: 1.2m (48")

Belt spec: 3 ply Belt, EP 400

Belt Speed: 83m/min (272ft/min)

Conveyor fully skirted



▶ Processing Shredded Wood

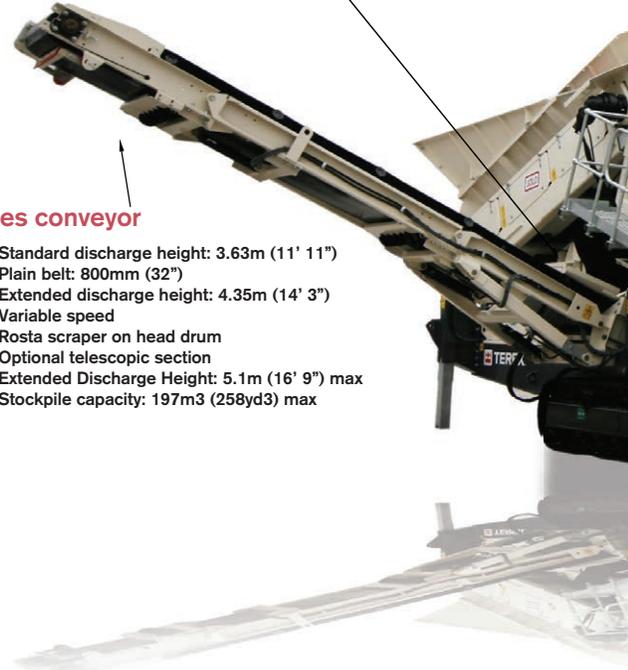
Powerunit

▶ Tier 3 / Stage IIIA: Caterpillar C4.4 ATAAC
Engine Power: 111.3hp (83kW)
Engine Speed: 2200 rpm

▶ Tier 4i / Stage IIIB: Caterpillar C4.4 ATAAC
Engine Power: 110hp (82kW)
Engine Speed: 2200 rpm

Fines conveyor

- ▶ Standard discharge height: 3.63m (11' 11")
- ▶ Plain belt: 800mm (32")
- ▶ Extended discharge height: 4.35m (14' 3")
- ▶ Variable speed
- ▶ Rosta scraper on head drum
- ▶ Optional telescopic section
- ▶ Extended Discharge Height: 5.1m (16' 9") max
- ▶ Stockpile capacity: 197m³ (258yd³) max



▶ Screenbox - 3D punch plate top deck showing cascade fingers



▶ Screenbox - Flip-flow bottom deck

Hopper / Feeder

- ▶ Hopper capacity: 7m³ (9.16yd³)
- ▶ Steel pan apron feeder: 1000mm (40")
- ▶ Hydraulic variable speed
- ▶ Feed height: 3.6m (11' 10")
- ▶ Feed in width: 3.6m (8' 7")

Screenbox

- ▶ Top deck: 4.8m x 1.5m (16' x 5')
- ▶ Bottom deck: 4.8m x 1.5m (16' x 5')
- ▶ 3D punch plate top deck
- ▶ Flip - Flow technology bottom deck
- ▶ Screenbox can hydraulically adjust to an angle between 13° - 19°

Middle grade conveyor

- ▶ Standard discharge height: 3.19m (10' 6")
- ▶ Chevron belt: 800mm (32")
- ▶ Optional discharge height: 3.9m (12' 10")
- ▶ Variable speed
- ▶ Optional telescopic section
- ▶ Extended Discharge Height: 4.4m (14' 5") max
- ▶ Stockpile capacity: 126m³ (165yd³) max

Oversize conveyor

- ▶ Standard discharge height: 3.6m (11' 10")
- ▶ Chevron belt: 1.2m (48")
- ▶ Working angle adjustable: 18° - 24°
- ▶ Variable speed
- ▶ Stockpile capacity: 70m³ (91yd³) max

Tracks

- ▶ Shoe width: 400mm (16")
- ▶ Sprocket centres: 3.28m (10' 9")
- ▶ Speed: 0.8kph
- ▶ Gradeability: 24.8°

FINES CONVEYOR

Belt width: 800mm (32")

Belt spec: plain belt

Working Angle: 24° - 28° max

Rosta scraper on head drum

Speed: variable speed, 120 m/min (394ft/min) max belt speed

Standard Discharge Height: 4m (13' 1")

Stockpile capacity: 95m³ (124yd³) max

Optional telescopic section

Extended Discharge Height: 5.1m

Stockpile capacity: 197m³ max

MIDGRADE CONVEYOR

Belt width: 800mm (32")

Belt spec: chevron belt

Working Angle: 22° - 26° max

Speed: variable speed 120 m/min max belt speed

Standard Discharge Height: 3.40m (11' 2")

Stockpile capacity: 58m³ (76yd³) max

Optional telescopic section

Extended Discharge Height: 4.4m (14' 5")

Stockpile capacity: 126m³ (165yd³)

POWERUNIT AND HYDRAULICS

Tier 3 / Stage IIIA: Caterpillar C4.4

Engine Power: 111.3hp (83kW)

Engine Speed: 2200 rpm

Tier 4i / Stage IIIB Caterpillar C4.4

Engine Power: 110hp (82kW)

Engine Speed: 2200 rpm

Pump 1: Triple 33/33/26cc. One section driving panfeeder or right track. Second section driving oversize & middle grade in parallel or left track. Third Section driving the fines conveyor.

Pump 2: 46/27cc driving screenbox and transfer

TANK CAPACITIES

Hydraulic Tank Capacity: 470 litres

Fuel Tank Capacity: 327 litres / 72 UK gal / 86 US gal

UNDERCARRIAGE

Shoe Width: 400mm (16")

Sprocket Centres: 3.28m (10' 9")

Speed: 0.8kph

Gradeability: 24.8°

Raking Angle: 12° min

STANDARD FEATURES

Tier 3 / Stage IIIA Caterpillar C4.4 - 4 cylinder diesel engine developing 111.3hp (83kW) 2200 rpm

Tier 4i / Stage IIIB - Caterpillar C4.4 - 4 cylinder diesel engine developing 110hp (82kW) @ 2200 rpm

Abbrasion Resistant plate steel pan apron feeder with heavy duty chain drive

Hopper capacity: 7m³ (9.16yd³)

No grid unit

Modular configuration screen box

Hydraulic raise for mesh changing (500mm)

4.8m x 1.5m (16' x 5') top deck screen and 4.8m x 1.5m (16' x 5') bottom deck screen

No mesh or speedharps included for any deck (media is included with a Spaleck Screen)

Galvanised catwalk around screen c/w handrail, kick board and access ladder

Screen box reject chute (1)

1.2m (48") wide O/S conveyor with twin drive and chevron belt (3.6m discharge height)

800mm (32") wide chevron belt on middle grade conveyor with variable speed & thumper roller

800mm (32") wide plain belt on fines conveyor with variable speed & belt scraper

Remote start/stop of pan feeder

Skirting on oversize conveyor

Heavy duty undercarriage unit with 400mm wide pads - 3.28m sprocket centres

Control operation of tracks via hand held-set with 5m connection lead

Low level greasing

Emergency Stops (4 nr)



OPTIONAL EQUIPMENT

Radio remote control of tracks

Top deck mesh - 3D Punch Plate (35-100mm)

Bottom deck mesh/speedharp (10-100mm)

Hydraulic tensioning (bottom deck screen mesh)

1 nr stockpiler drive

OR Separate drive for middle & oversize conveyors

OR Separate drives for transfer and fines conveyors

Hydraulic driven cleaning brush for pan feeder

68 grade hydraulic oil

Special paint colour (if different from Terex MPE White RAL 1013 or Finlay Orange RAL 2002)

10mm Abbrasion Resistant Plate lined hopper

300mm increased ground clearance extension

Impact bars full length of oversize conveyor

Tier 3 / Stage IIIA Caterpillar C4.4 ACERT - 4 cylinder diesel engine developing 130hp (97kW) @ 2200 rpm

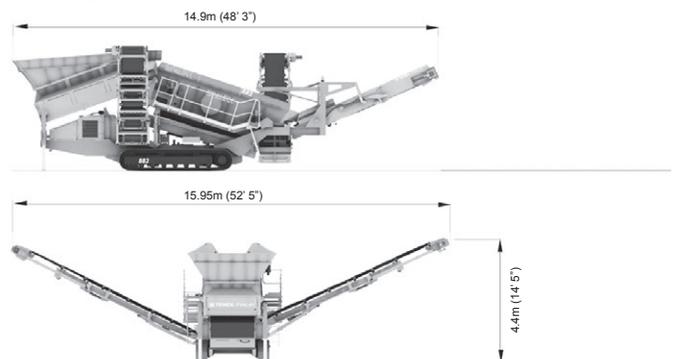
Tier 4i / Stage IIIB - Caterpillar C4.4 - 4 cylinder diesel engine developing 131hp (98kW) @ 2200 rpm

Extended fines & middle grade conveyors (fines 720mm extra height, mid grade 720mm extra height)

TRANSPORT DIMENSIONS



WORKING DIMENSIONS



* Showing telescopic side conveyor option

MACHINE WEIGHT: 31,000kg

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