

APPLICATION
VIDEOS

SPALECK 550

3D COMBI MOBILE SCREENER

UNRIVALLED MOBILE SCREENING TECHNOLOGY.
3D TOP DECK SCALPING COMBINED WITH UNIQUE
SPALECK FLIP-FLOW TECHNOLOGY.

Screening material: All types of recycling-materials such as Scrap Metal, ASR, Yard Dirt, E-Scrap, C&D, Commercial & Industrial Waste, Compost & Mulch, Green Waste, Top Soil and many more...

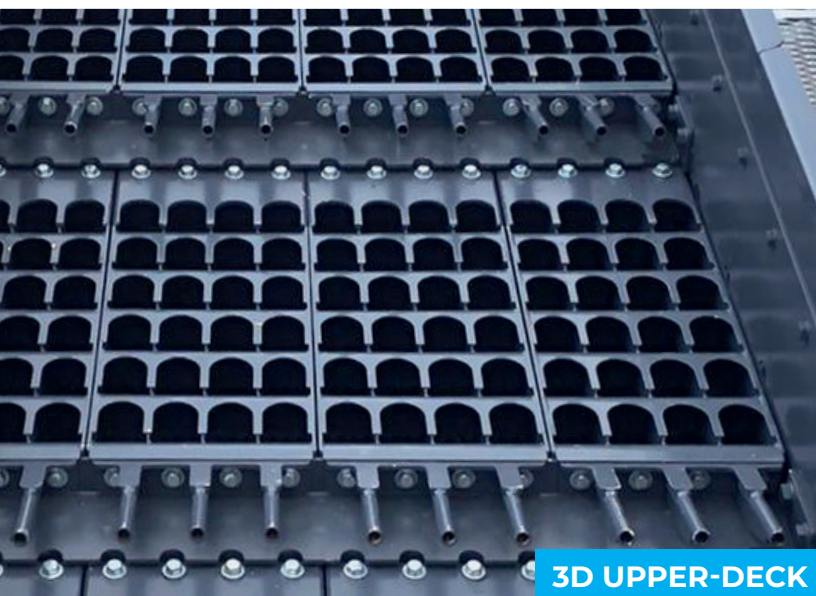
SCREENING TECHNOLOGY

SPALECK 550

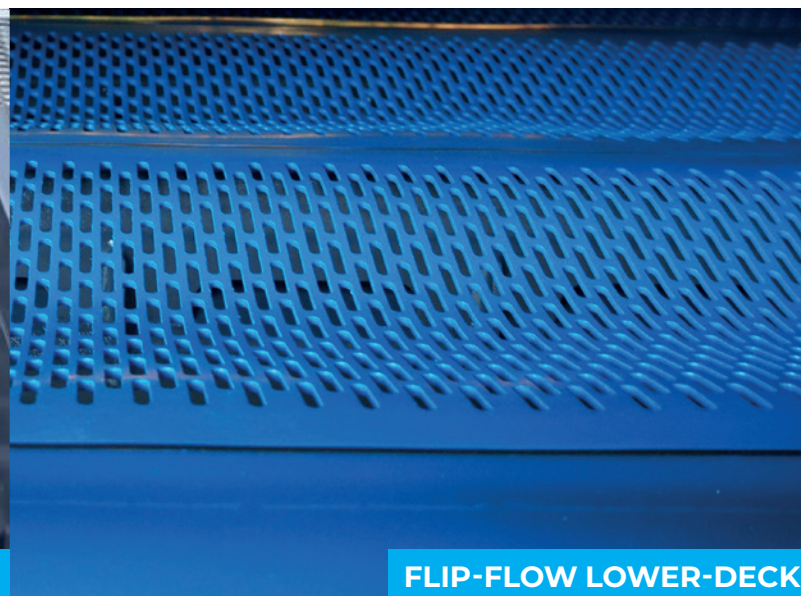


THE MOBILE 3D COMBI FLIP-FLOW SCREEN IS THE BEST OF MOBILE SCREENING AND SEPARATION TECHNOLOGY

THE HEART OF THE MACHINE IS THE HIGH-PERFORMANCE
SCREENING-BOX WITH TWO DECKS, INCLUDING THE SPALECK
FLIP-FLOW TECHNOLOGY



3D UPPER-DECK



FLIP-FLOW LOWER-DECK

ADVANTAGES & BENEFITS

- An almost blockage-free screening in the upper- and lower-deck thanks to leading 3D and Flip-Flow technology
- The 3D screening-elements guarantee a correct sizing of grain, without long pieces or extraneous materials, for the Flip-Flow system in the lower-deck
- The Flip-Flow screen with screwless mounted screening-mats avoids unnecessary cleaning work and reduces the maintenance time
- The screen-box can be hydraulically lifted by 500 mm in order to ease the change of the screening-mats
- The material is optimally loosened and recirculated on the upper-deck, even large-grained materials can be processed
- The screen-deck with 3D screening-segments protects the Flip-Flow screening-mats (increased lifetime and optimum screening-results are guaranteed). Quick and easy change of the 3D screening-elements thanks to the modular design.
- The screening-mats of the Flip-Flow system are secured without using screws and do not have any edges, which might cause problems
- The screening-mats can be changed quickly, which allows an optimum material flow

APPLICATIONS

SPALECK 550

Scrap metal

ASR

Slag

Green waste

Top soil / Compost

Burl wood

Industrial waste

Domestic waste

Residual waste

METALS RECYCLING

BIOMASS

WASTE



UNRIVALLED SCREENING TECHNOLOGY



SIMPLY
BETTER
SCREENING

SPECIFICATIONS

SPALECK 550



POWER UNIT	OPTION
Deutz TCD 3.6 L4 / 134 hp / 100 kw Water cooled / Tier 4 Final Stage 5	Plug-in Hybrid 2 x 37 kw Electric Motor c/w Control Panel

HOPPER/FEEDER	
Hopper capacity	7 m ³ (9.16 yd ³)
Feed height	3.69 m (12' 1")
Feed in width	2.6 m (8' 7")
Drive	Hydraulic variable speed
Abrasion resistant steel pan apron feeder mounted with wide mouth opening	

UNDERCARRIAGE	
Shoe width	400 mm (16")
Sprocket centres	3.28 m (10' 9")
Speed	0.8 kph
Gradeability	24.8°
Raking angle	12° min

SCREEN BOX	
Top deck	4.8 m x 1.53 m (16' x 5')
Bottom deck	4.8 m x 1.53 m (16' x 5')
3D punch plate top deck	
Flip-flow technology bottom deck	
Screen box can hydraulically adjust to an angle between 13° - 19°	

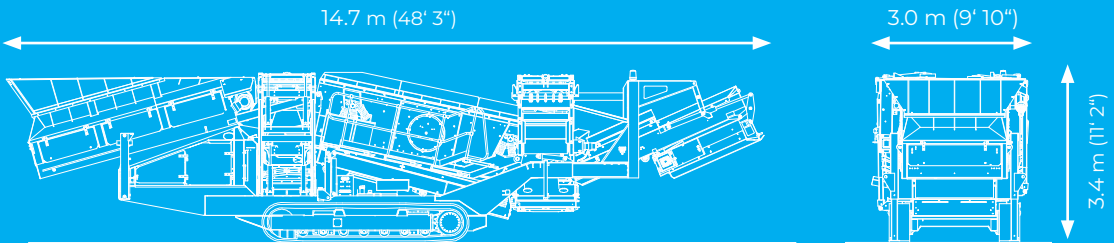
FINES CONVEYOR	
Belt width	900 mm (36")
Working angle	24° - 28°
Standard discharge height	4 m (13' 1") max
Stockpile capacity	95 m ³ (124 yd ³) max

MIDGRADE CONVEYOR	
Belt width	800 mm (32")
Working angle	22° - 26° max
Standard discharge height	3.4 m (11' 2") max
Stockpile capacity	58 m ³ (76 yd ³) max
Optional telescopic section	
Extended discharge height	4.1 m (13' 5")
Stockpile capacity	102.5 m ³ (134.1 yd ³)

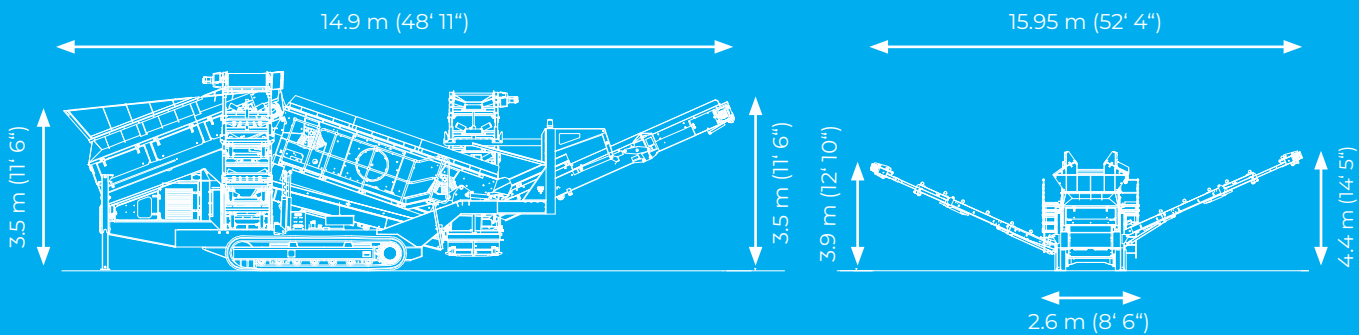
OVERSIZE CONVEYOR	
Belt width	1.2 m (48")
Working angle	18° - 24°, hydraulic adjust
Speed	Variable speed, 50 m/min max
Discharge height	3.6 m (11' 10")
Stockpile capacity	70 m ³ (91 yd ³) max



Transport dimensions



Working dimensions



EASY TRANSPORT & READY TO SCREEN





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