



APPLICATION  
VIDEOS



## SPALECK 175T

# 3D COMBI MOBILE SCREENER

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

**Application:** Classification of difficult, sticky or wet materials

**Screening material:** All types of recycling-materials such as incinerator bottom ash, SLF and SHF, metal-scrap, e-scrap, C&D-, C&I- and bulky waste, compost, plastic-fractions, biomass, topsoil, ...

# SCREENING TECHNOLOGY

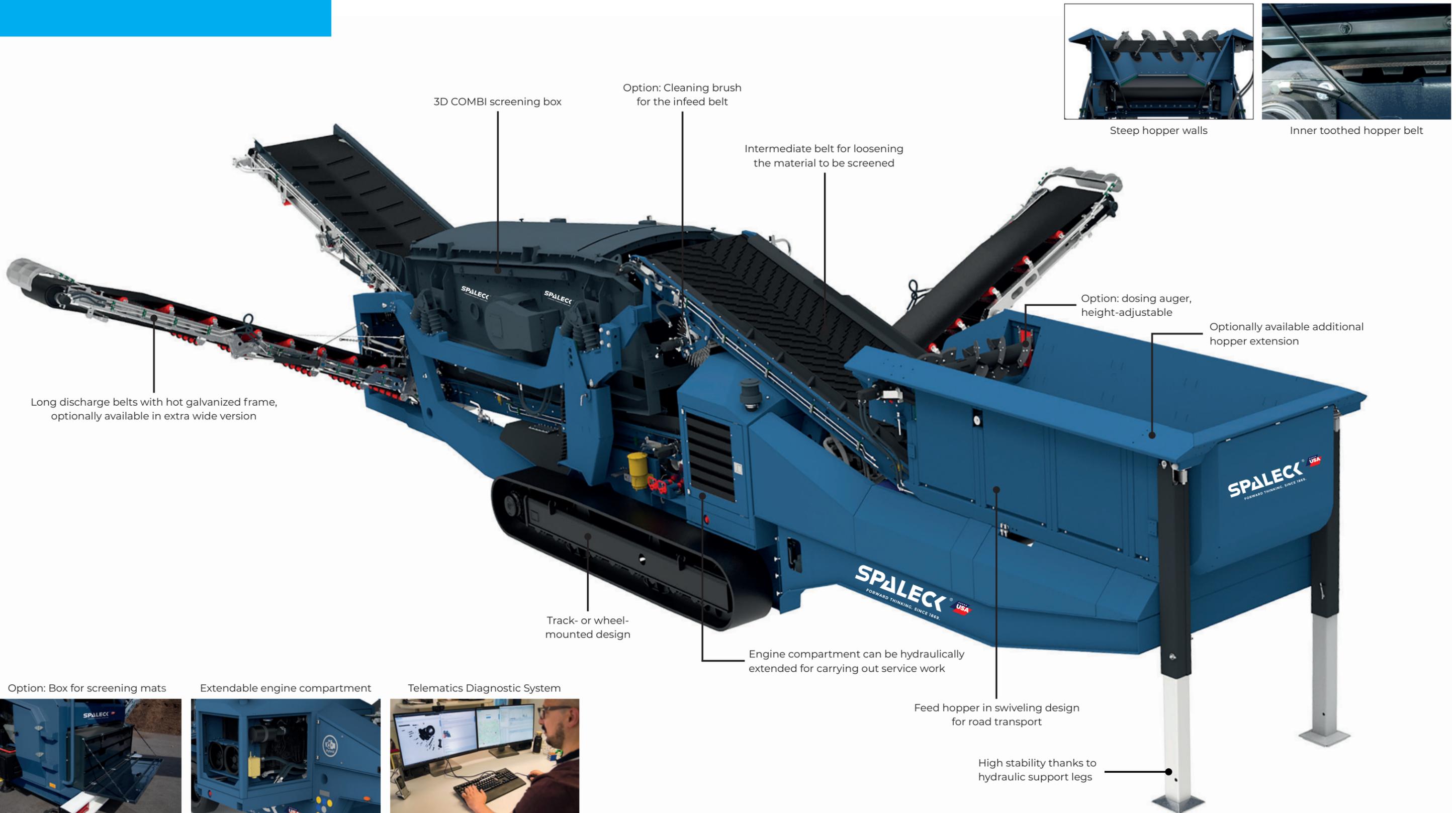
## SPALECK 175T



RECYCLING

BIOMASS

WASTE



Option: Box for screening mats



Extendable engine compartment



Telematics Diagnostic System



# SCREENING TECHNOLOGY

## SPALECK 175T



### THE SPALECK 175T COMBINES MAXIMISED MOBILITY WITH ULTIMATE SCREENING PERFORMANCE

The SPALECK 175T combines maximum flexibility with the highest screening quality to meet individual customer requirements.



### ADVANTAGES

- Nearly blockage-free screening in the screen decks thanks to leading 3D and Flip-Flow technology
- Precise screening thanks to the use of 3D screening segments, which guarantee a correct grain size free of long particles and without extraneous material for the Flip-Flow screen located in the lower deck
- The Flip-Flow screen with screwless mounted screen mats avoids unnecessary cleaning and reduces maintenance times. Screening mats can be replaced or changed over individually and quickly
- Self-cleaning effect of the Flip-Flow screening mats due to high acceleration
- The screen box can be positioned hydraulically at different angles, thus optimal adaptation to the different materials and tasks
- The product on the upper deck is optimally loosened and turned
- The lower deck of the Flip-Flow screen has a drop step, which ensures that the product is ideally turned and cleanly screened
- The screen deck with 3D screening segments protects the screening mats in the lower deck (longer service life and optimum screening results)
- Due to a large number of different 3D top deck elements, there is the appropriate equipment
- Easy adjustment of the vibration parameters for optimum adaptation to the respective product characteristics

Lower deck of the Flip-Flow screen



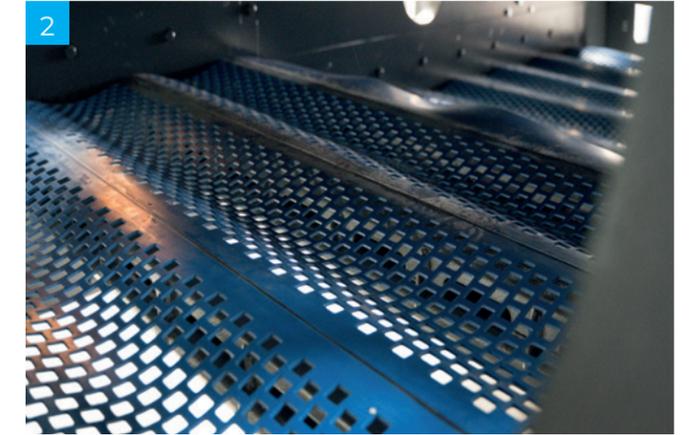
# 3D COMBI SCREENING BOX SPALECK 175T



## THE COMBO MAKES IT

Equipped with a SPALECK 3D COMBI screen deck, the new SPALECK 175T combines the most innovative screening technology with flexibility and ease of maintenance.

The screening elements guarantee a correct grain size free of long particles and without extraneous material when classifying difficult-to-screen, sticky and moist materials.



## SPALECK 3D COMBI SCREEN

1. 3D upper-deck
2. Flip-Flow lower-deck
3. Screening box

# SPECIFICATIONS

## SPALECK 175T

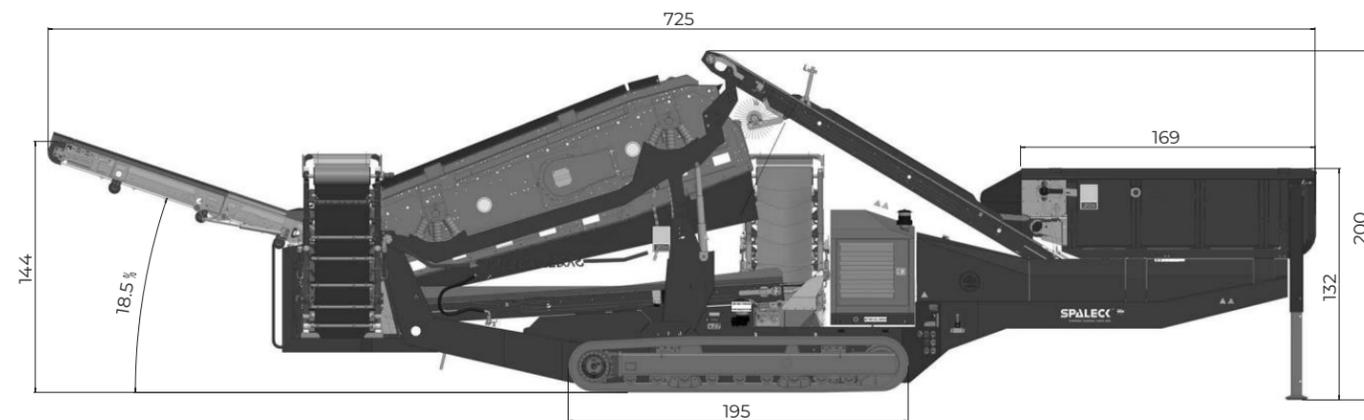
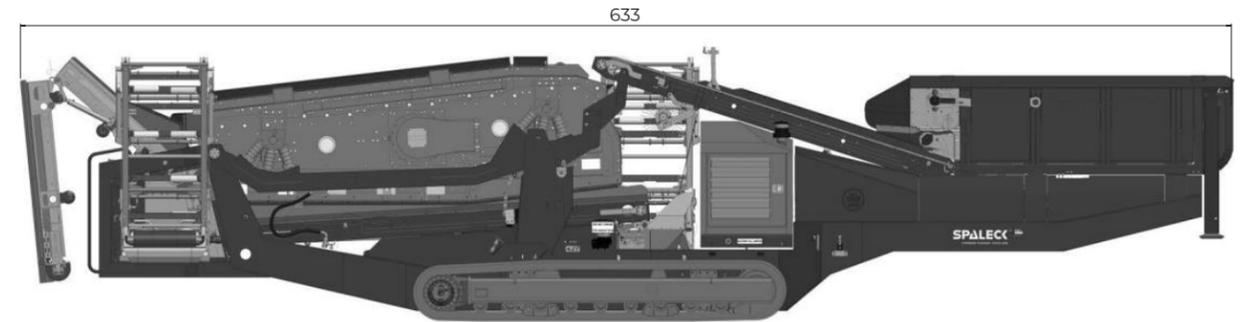


RECYCLING

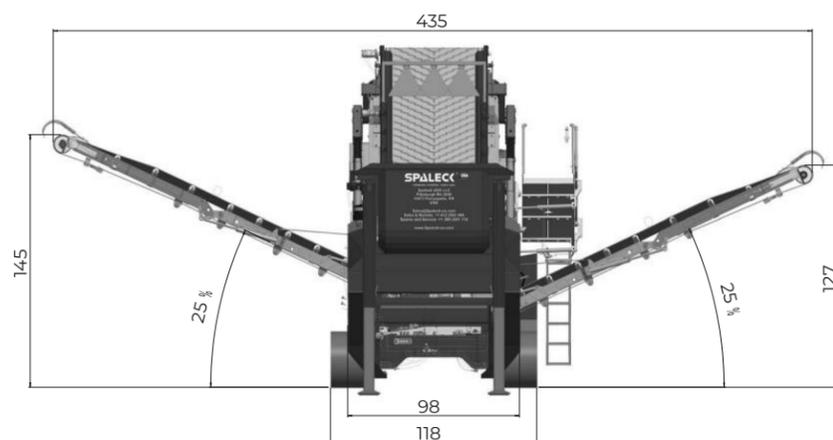
BIOMASS

WASTE

	Semi-trailer for 50 mph with ABS	Semi-trailer for 50 mph with ABS
Total weight	60627 - 66139 lbs	60627 - 66139 lbs
Drive	Hybrid	Diesel hydraulic
Output	Electric motor 55 kW at 1.500 rpm	Diesel engine 86 kW at 2200 rpm optional higher performance possible
Emission standard		In accordance with the latest emission standard
Cubic capacity		4.5 litres
Fuel tank		300 litres
Hopper volume	176 ft <sup>3</sup> (optionally up to 265 ft <sup>3</sup> )	176 ft <sup>3</sup> (optionally up to 265 ft <sup>3</sup> )
<b>Screen deck</b>		
Effective screening area upper deck	approx. 87 ft <sup>2</sup> (depending on the selected screen lining)	approx. 87 ft <sup>2</sup> (depending on the selected screen lining)
Effective screening area lower deck	approx. 87 ft <sup>2</sup> (depending on the selected screen lining)	approx. 87 ft <sup>2</sup> (depending on the selected screen lining)
Width	61 in	61 in
Length	205 in	205 in



EASY TRANSPORT



# OPTIONS

## SPALECK 175T

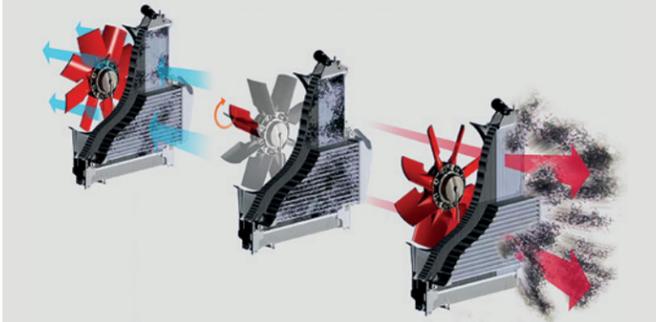


### ADDITIONAL LIGHTING



For illuminating of large areas, the SPALECK 175T can be equipped with additional lighting masts without great effort.

### CLEANFIX



Under the predominantly dusty and dirty conditions on construction sites and landfills, the reversible fan ensures reliable cooling of the diesel engine and the hydraulic oil.

### ADDITIONAL HOPPER EXTENSION

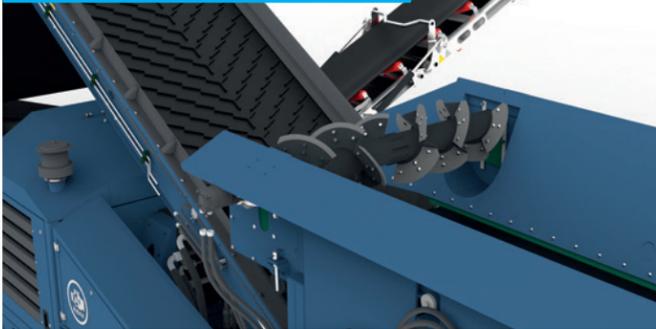


### CLEANING BRUSH



Using the cleaning brush for the infeed belt means that less material remains stuck on the belt, which also results in less fine-grained leakage material underneath the machine.

### DOSING AUGER



The dosing auger ensures a uniform feed of the input material onto the ascending belt/screen and thus increases the screening capacity.

### SCREEN LININGS



Thanks to a large number of different, easy-to-change screen linings, the right equipment is available for every individual application.

### WIRELESS REMOTE CONTROL



To significantly reduce the time and personnel required, the remote control allows comfortable control of the mobile 3D COMBI screen even from the wheel loader.

### TELEMATICS DIAGNOSTIC SYSTEM



Diagnostic system for permanent recording and clear display of service-relevant data and information online and in real time.

### CENTRAL LUBRICATION SYSTEM



The automatic central lubrication system ensures the reliable operational readiness of the 3D COMBI screen by constant renewal of the lubricating film.

### BOX FOR SCREENING MATS



A screening mats box is optionally available for the safe and easy storage of the different screening mats of the 3D COMBI screen.

### CARBIDE SCRAPERS



By means of carbide scrapers, the conveyor belts of the mobile 3D COMBI screen is cleaned of sticky and/or strongly adhering materials, such as clay, plaster, cement...



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