



**eco**screen



**double-drum trommel screens**



As the only three-fraction trommel screen on the market, few machines are more unique than the EcoScreen Duplex 52 double-drum trommel. This isn't your father's trommel screen – instead, this is a one-of-a-kind product designed to fit numerous applications that need more than two-fraction screening. And with its EPA-compliant, Tier 4 CAT engine, you'll work efficiently and cost-effectively.



Duplex 52



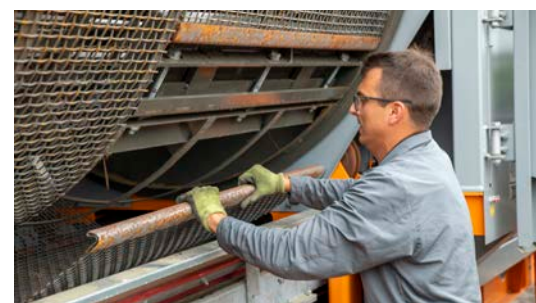
## INNOVATIVE FEATURES ON DOPPSTADT TROMMEL SCREENS



The outer screen filters out mids & fines, while the heavy-duty inner drum handles overs.



A motorized brush spins in the opposite direction for exceptional cleaning.



The outer screens are easily changed in under 90 minutes using just basic tools.

# THREE FRACTIONS, ONE MACHINE

## A versatile machine.

Due to the design of the Duplex 52, it can be used in a wide variety of applications, including compost, topsoil, C&D waste, green waste, wood chips, mulch, sand & gravel, recycling, aggregate, and any application that needs more than two fractions or needs to be top sized.

## Designed for hard work, yet easy to maintain.

Featuring an innovative drum-inside-a-drum concept, the Duplex 52's outer screen filters out mids and fines, while the heavy-duty, durable inner drum handles overs, including rocks and other large contaminants. The 17-foot-long drums offer 506 sq. ft of screening area, and both the drums and the belts run in unison due to the diesel-hydraulic drive concept. The drums are kept clean with a mechanical cleaning brush that is motorized and spins in the opposite direction. Multiple outer screen sizes are available, and the screens can be changed under 20 minutes.

The CAT C3.6 74 diesel engine is EPA Tier 4 compliant to allow your operations to run efficiently and cleanly. Operation for the machine is remarkably easy with the 10-inch control panel and remote control, which makes tracking the machine a breeze. Swing-out doors offer simple access to the engine for service technicians.

## Additional options.

Various additional options are available for installation, including a hydraulic stone grid (with slide), a permanent drum magnet with chute, wireless remote control, optional outer (from 1/12 – 3 in.) and inner (from 1/12 – 3 in.) screens, hydraulic support feet, operation lighting, and more.



Swing-out doors on all sides of machine allow for easy access to the engine and other internal parts.



The heavy-duty inner drum can handle even the toughest overs, including rocks and debris.



User-friendly, 10-inch control panel tracks machine data and operates machine.

# ECOSCREEN DUPLEX 52 SPECS

## Duplex 52

### DRIVE

TYPE	CAT C3.6 74
POWER	100 hp (74.5 kW)
FUEL TANK	52 gallons
EMISSIONS	Tier 4 final

### CHASSIS

TYPE	Steel tracks
FEED HOPPER	7.2 cubic yards
LOADING HEIGHT	10' 3"

### DRUM

LENGTH	17'
VOLUME	506 square feet
SPEED	0-20 rpm

### CONVEYORS

FINES LENGTH	10' 10"
FINES WIDTH	25"
MIDS LENGTH	10' 10"
MIDS WIDTH	25"
OVERS LENGTH	9' 10"
OVERS WIDTH	32"

### TRANSPORT DIMENSIONS

LENGTH	38'
WIDTH	8' 4"
HEIGHT	13' 2"
TOTAL WEIGHT	40,000 lbs



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## AVAILABLE OPTIONS



windsifter attachment



various screen sizes



conveyor belts



wireless remote control

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