

CS3500 CONTAMINANT SEPARATOR



FIVE-STAGE SEPARATION PROCESS.

The CS3500 removes contaminants from organic material through a unique 5-stage process. Combining several methods of removal, such as the grizzly screen, infeed vacuum, shaker table, air manifold and discharge vacuum magnetic head pulley, this process helps you save and reuse material for composting.



DISLODGES AND REMOVES CONTAMINANTS.

The shaker table is adjustable and vibrates material to dislodge and position contaminants for removal. The air manifold has adjustable air flow that removes dislodged contaminants from the shaker table and blows it to the discharge belt.



HYBRID POWER, MINIMAL NOISE.

The CS3500 is equipped with a 74-hp (55-kW) Deutz engine that powers the 66-hp (49-kW) generator. It also has the ability to run directly from an electric power source. With a 103.5-db(A) sound level, you'll experience minimal noise on the jobsite.



MAINTENANCE-FRIENDLY DESIGN.

The contaminant separator's maintenance-friendly design gives you direct access and control. The air manifold opens up to access the shaker table. You can access the engine through compartment doors and there are daily access points on ground level. This helps improve serviceability and minimize maintenance time.



COMPLETE CONTROL. Optimize productivity and flexibility when operating with these two features: An industry leading, full function, wireless remote control lets you, from the cab, adjust machine settings as conditions change, including control of the infeed settings, vacuum settings, shaker table, conveyor height and more. The 7-in (18-cm) onboard color touch screen display shows machine data and allows you to intuitively set up the machine for maximum efficiency.



EFFECTIVELY CONTAINS TRASH. The CS3500 collects contaminants and puts them on one trash conveyor that's 36-in (91-cm) wide and can reach up to 16-ft (4.9-m) high. The trash conveyor allows the operator to discharge into dumpster containers, trucks or simply make a large pile. The conveyor is covered, minimizing the spread of trash on your jobsite and cross-contamination.

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GENERAL DIMENSIONS AND WEIGHTS

Weight: 28,000 lb (12,700 kg)

Max length (transport): 37.5 ft (11.4 m)

Max width (transport): 8.2 ft (2.5 m)

Max height (transport): 13 ft (3.9 m)

ENGINE

Make and model: Deutz TCD 2.9L Tier 4F/Stage V Final

Engine rating: 74 hp (55 kW)

GENERATOR

Rating: 66 hp (49 kW)

Voltage: 480 V

Frequency: 3-phase 60 Hz

HYDRAULIC SYSTEM

Tank capacity: 10 gal (38 L)

CHASSIS

Frame description: Four independent hydraulic jacklegs

Tires: 445/50R22.5

HOPPER AND INFEED CONVEYOR

Hopper height: 9 ft (2.7 m)

Infeed conveyor belt width: 42 in (106.7 cm)

TRASH COLLECTING CONVEYOR

Conveyor operating height: 4.5 ft to 15.6 ft (1.4 m to 4.8 m)

Conveyor belt width: 36 in (91 cm)

ORGANIC CONVEYOR

Conveyor operating height: 4 ft to 9.6 ft (1.2 m to 2.9 m)

Conveyor belt width: 30 in (76 cm)

NOTES:

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