

CBI SCREENER



In addition to CBI's line of portable and stationary wood waste processors we offer a portable screener with a screening capacity that easily reaches over 150 tons per hour. The CBI Screener has a built-in picking station for up to four people and is designed to screen landclearing debris, yardwaste, log yard debris and heavily contaminated C & D debris with ease, remove metal contaminants and work in tandem with a CBI grinder.

The screener separates the abrasive fines and ferrous metal out of your feed stock. This allows grinding operations to process material previously not possible. It drastically reduces maintenance cost of any grinder and greatly increases throughput. This Screener will keep your 10-yard loader busy!



BUILT LIKE A BATTLESHIP!

Extreme Heavy-Duty
Construction Throughout!



- Totally enclosed chain guard.
- Retractable bumper to allow container placement under picking station.
- Heavy-duty fluted 12-yard hopper for ease of feeding brush and demolition.
- Totally enclosed engine compartment.
- Heavy-duty belt scrapers to keep unit running clean.

FEED CONVEYOR: 20' long x 60" wide load hopper with high sides; 440 4-ply belt; 18" pulley, 3-7/16" shaft; Dodge shaft-mounted gear reducer; Char-Lynn hydraulic motor.

SCREENER: 66" wide x 16' long and includes 16 heavy-duty shaft assemblies. Each shaft assembly consist of 8" tube, 500 AR delta flights, 3" shaft and bearings; motor and chain drive for shaft assemblies; heavy-duty formed channel frame, 4' high sides; totally enclosed chain guards.

BELLY CONVEYOR: 12' long x 60" wide belt rides on idlers; 12" pulleys; 2-7/16 shaft bearings; 220 belt; conveyor mounted under screen to convey fines to side stacking conveyor.

DISCHARGE CONVEYOR: 12' long x 60" wide discharge conveyor belt rides in an AR steel trough; 16" pulleys, 3" bearings; hydraulic drive; optional magnetic head pulley; picking station both sides.

SIDE DISCHARGE CONVEYOR: 20' long x 48" wide belt rides in 20 degree troughing idlers; 12" pulleys, 2-7/16 bearings; 12' discharge height; hydraulic linkage for folding conveyor when transporting.

TRAILER: Trailer is a uni-body construction; two heavy-duty, tube-in-tube hydraulically operated stabilizers in front; double axle suspension; 9'-10 spread; 4 super-single wheels with Michelin 445-65R, 22.5 tires.

POWER UNIT: 155 HP John Deere power unit for all conveyors and screener; full engine enclosure; intake air pre-cleaner; radiator pre-cleaner; Murphy shutdown system.

HYDRAULIC SYSTEM includes 100 gallon tank; pressure and flow compensated valves and piston pumps; Char-Lynn motors, hydraulic driven oil cooler.

ELECTRIC SYSTEM: Full radio control for feed conveyor, screener, discharge conveyor, E-stop.

DIMENSIONS: 50' long; 13'-4 high; 11'-11 wide; 60,000 lbs.



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