

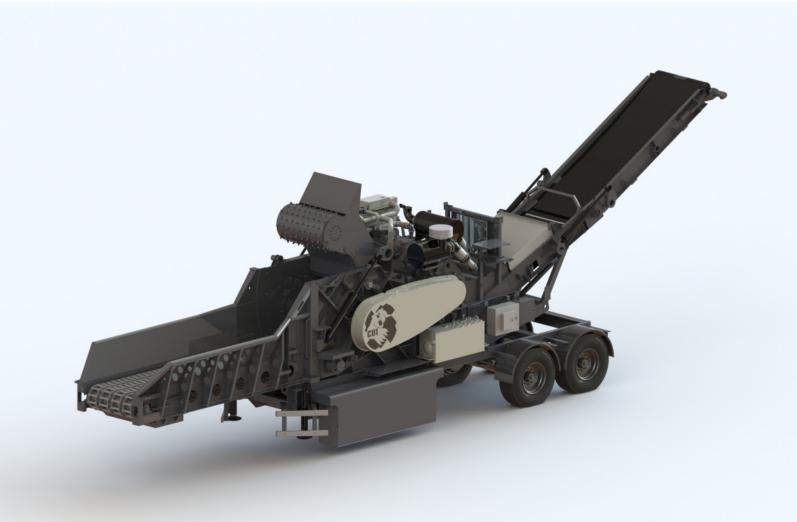
GRINDER/CHIPPER

TBG 635



CBI LEGACY PRODUCTS

CBI joins TEE's Ecotec product line as a leader in converting biomass and waste materials to usable high value alternative fuel, compost, mulch and other products. Since 1988, the CBI name has become synonymous with performance and reliability in a broad range of grinding and chipping applications the world over.



HORIZONTAL GRINDING, CHIPPING

The TBG 635 (CBI Magnum Force 5400) is one of the latest offerings in the next generation of grinders, where owners can select from four different field-swappable rotors to accommodate changing materials and processing demands. This unique design provides the flexibility to process an

exceptionally wide variety of materials and generate the products that your clients demand – all with a single machine

To further its unique design, the PT Tech hydraulic PTO and hydraulic engagement replaces the need for a clutch. You can go from making high quality mulch from trees and stumps, to chipping stemwood into chips in custom sizes ranging from a constant 1/8" fiber length to constant 1" fiber length. Machine operators can also grind highly-contaminated C&D or railroad ties by swapping rotors and screens.

This unbelievable versatility guaran-

tees that you will always have the right machine for the job when the market demands change and opportunities come knocking. The TBG 635 gives you more bang for your buck and a better return on your investment.

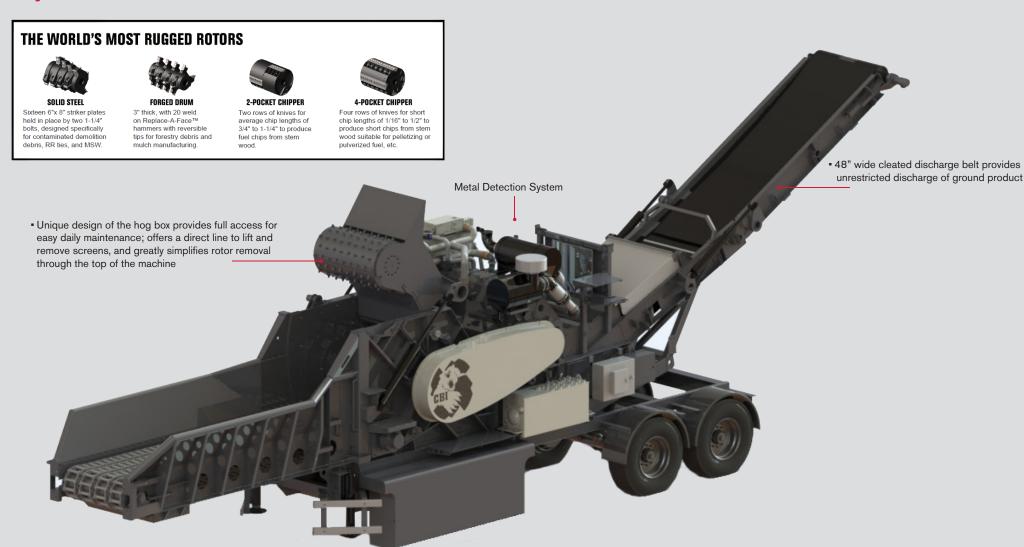
With the push of a button, the unique design of the hog box provides

service-friendly, full access for easy daily maintenance (say "goodbye" to scraped knees, sore backs, and banged heads). This feature offers a direct line to lift and remove screens, and greatly simplifies rotor removal through the top of the machine. The screen has been specially designed to be

easily removed by unbolting the support plate and pulling the screen out without having to remove the screen frame. In addition to the hog chamber's unique design, it has a reinforced housing with 100% continuous welds for maximum strength and corrosion resistance.

TBG 635

Key Features





TEEvolution by Terex® Environmental Equipment is a program that incorporates higher performance and higher efficiency products with reduced noise emissions and measures that make the products overall more efficient to use.

- Lower Engine Operating Speed
- Efficient Hydrostatic & Hydraulic Systems
- User friendly machine control systems with advanced technology



A problem for any industrial grinder has to do with tramp metal entering the hog box

and causing significant damage, which leads to downtime. The Metal Detection System™ (MDS) engages within milliseconds whenever the grinder's

rotor makes contact with tramp metal.

The rotor is monitored by an adjustable electronic sensor to alert the control system when tramp metal is detected. It will automatically stop the rotor, raise the top feed roller and reverse the infeed to allow the operator to find the tramp metal.

SPECIFICATIONS

TRANSPORT DIMENSIONS

Width: 8'-4" (2.5 m) Height: 12'-11" (3.9 m) Length: 39'-11" (12.1 m)

Weight: 70,000 - 76,000 lbs. (approx.)

DISCHARGE CONVEYOR

Width: 48" (1.2 m) Length: 36' (10.9 m) Height: 16'-8" (5 m)

Discharge belt includes magnetic head pulley and

chute

INFEED

Width: 48" (1.2 m) Height: 72" (1.8 m)

Conveyor: 16'-0" (4.8 m), 4 strands heavy-duty

drag chain

HAMMERMILL

Diameter: 40" (1 m) Width: 48" (1.2 m) Shaft: 6" (0.15 m)

Top Feed Roll: 30" diameter x 48" wide

(762 mm x 1,219 mm)

Specification subject to change without notice

ENGINE/DRIVE

Caterpillar C18; 765HP (570 kW)
Fuel capacity 330 gallons (1,249 L)
PT Tech PTT-552 gearbox
8 groove, 8-V section Arimid belt with guarding

FAN

Reversing pitch radiator fan that reverses airflow automatically

CONTROLS

Parker IQAN™ Remote control operated

HYDRAULICS

Hydrostatic

Hydraulic capacity 60 gallons (227 L)

EOUIPMENT PROTECTION

Metal Detection System™ (MDS)

SUSPENSION

(2) 25,000 lb. axles with tandem spring suspension equipped with four 445/65R 22.5 tires

NEWTON

22 Whittier Street Newton, New Hampshire, US, 03858

Tel: (603) 382-0556 Fax: (603) 382-0557

FARWELL

1250 Commerce Drive Farwell, Michigan, US, 48622

Toll Free: 1-800-953-5532

DUNGANNON

200 Coalisland Road Dungannaon, Co Tyrone BT71 4DR Northern Ireland

Tel: +44 (0) 28 87 718 500 Fax: +44 (0) 28 87 747 231

Dealer Stamp:

www.terex.com/environmental-equipment

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