



A TEREX BRAND

PRODUCT SPECIFICATION

7544

FLAIL AND DISC CHIPPER



PRODUCES HIGH VOLUMES OF PREMIUM QUALITY WOOD CHIPS

7544 KEY FEATURES...

Chute folds for transportation.

270° rotating discharge chute for ideal loading. Capable of toploding or broadcasting chips.



75" diameter 4-knife chipper disc with babbitted or key knife system.

754 DISC CHIPPER

CBI's 754 Disc Chipper is capable of producing high-quality wood chips from 3/8"– 1" for the pulp and paper industry at up to 200 tons per hour. The 75" diameter 4-knife chipper disc delivers the most uniform chip thickness and chip length available.

It is equipped with a CAT C-32; 1,200hp engine with access to the engine from both sides to simplify maintenance.

Parker IQAN controls provide operators with both increased monitoring and protection.

604 FLAIL

CBI's Magnum Force 604 Flail is engineered to be the industry's most durable and productive debarker, capable of processing logs up to 24" in diameter.

Material is fed in and out of the three-roll flail chamber by large diameter and high-torque top feed roll assemblies. Assemblies are equipped with position-sensing cylinders to achieve top debarking performance.

Read about CBI's three-roll chain flail design in the bottom-left corner of this page.



60" x 24" infeed for efficient loading and high throughput.

Aluminum guards provide easy access to maintenance items at convenient height (not shown).

CAT C-32; 1,200hp Tier 4 diesel engine.

Bark pusher can be set up to operate in either direction, allowing operators to push excess bark to preferred location.

THREE-ROLL CHAIN FLAIL (OPTIONAL FOURTH AVAILABLE)



CBI's three-roll flail design (with an optional fourth flail) provides maximum surface contact with logs as they proceed through the debarking chamber. Consisting of four 44" long by 40" diameter drums, the flail is capable of running single or dual 8-link chains at speeds of 200 to 700 RPM. The top flail positions are determined by the top feed roll cylinder positioning sensors and the flail rpm is automatically adjusted based on log diameter for accurate debarkment. This rugged design ensures that pristine debarked logs are consistently presented to the chipper disc.

Processes logs up to 24" in diameter



Pushes excess bark to the side



200 tons per hour of premium chips



OVERALL

Width: 11' 8" (3,556 mm)
Height: 13' 6" (4,114 mm)
Length: 53' 4" (16,256 mm)
Weight: 113,000 lbs.

FLAIL DRUM

Width: 44" (1,117 mm)
Diameter: 12" (304 mm)
Chain: Single or double 9-link chain
Speed: 200 to 700 rpm

FLAIL DRIVE

Danfoss Hydrostatic Pumps
Rexroth motors, synchronous drives

TOP FEED ROLL 1

Width: 33.1/4"
Diameter: 20.3/4"
Motor: Built-in high-torque Poclairn

TOP FEED ROLL 2

Width: 47.1/4"
Diameter: 20.3/4"
Motor: Built-in high-torque Poclairn

BOTTOM FEED ROLLS

High-torque Brevini planetary
with Char-Lynn hydraulic motor

POWER

Engine: CAT C-32; 1,200 hp
Flexxair Fan: Reversing pitch radiator
fan that reverses airflow every 5 - 15
minutes automatically (adjustable)

CHIPPER DISC

Length: 75" 4-knife babbitted or key
knife adjustable and replaceable
upper and lower anvils

DRIVE

Arimid V belt

FUEL TANK

Capacity: 500 gallons (1,900 liters)

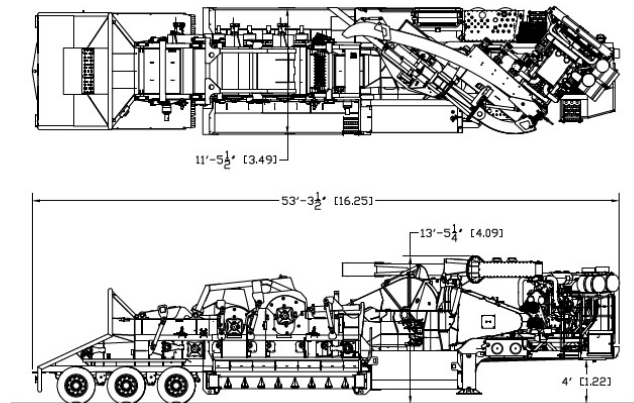
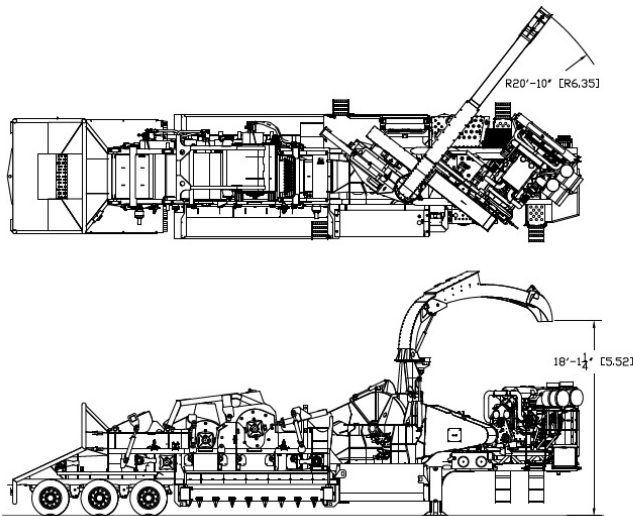
ELECTRICAL

Parker IQAN system with full
remote control high intensity light
package. Bi-directional bark pusher
with 270° rotating discharge chute

HYDRAULICS

Hydrostatic and open loop flail
hydraulics powered by auxiliary
belt-driven gearbox
Split hydraulic system: 200 gallon
and 75 gallon reservoirs

Specifications subject to change without notice.



Continental Biomass Industries

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