



ChipMax 484

Features

- Compact, durable and powerful
- High production (100+ tons per hour)
- Choice of 2-Knife or 4-Knife Chipping Rotor for fuel chips (12-25 mm) or micro chips (2-12 mm)
- Chipper housing offers easy access to rotor and anvil
- Pivoting flex discharge chute for top or end loading of trailers and left/right for broadcast spreading of chips. Straight chute top loads only
- Hydraulic driven blower for stronger chip discharge
- CAT C-18, 765 hp engine
- Parker IQAN™ control system with Radio Remote Control
- Portable, track, or truck-mounted
- Road legal width and weight (for frequent moves between jobs)

Description

Compact yet enormously productive, the ChipMax 484 is an extreme-duty biomass production workhorse. Its main components such as the rotor, chipper box and feed system are significantly stronger than any other chipper in its class, providing owners with years of trouble free service. Featuring two rotor options, the ChipMax can make high-quality fuel chips custom sized from 12–25 mm or “micro-chips” from 2–12 mm from logs up to 24" in diameter. These “micro-chips” produce a consistent fiber length that dramatically reduces the overall cost of producing pellets as well as improves the function of small boilers.

Feed Conveyor and Rotor

The 12' x 48" feed conveyor is designed with troughed sides, impact plate in the bottom, 17" diameter head and tail pulley and is driven by an extreme high-torque Poclair hydraulic motor (an optional 6' conveyor is available.) Owners have a choice between an apron-style conveyor (prevents material spillage) or four-strand heavy-duty chain (allows rocks and dirt to be screened prior to chipping.) The



30" upper feed roller with a built-in high-torque Poclair hydraulic motor lifts for full and easy access to the heavy-duty rotor and anvil. The 48" wide x 40" diameter 2-knife or 4-knife drum rotor is engineered with a 6" flame cut pocket design, making it significantly stronger and more durable than anything in the industry.

Discharge Chute

The hydraulically adjustable chip discharge chute facilitates top or end loading of chip trailers. It also features a hydraulic driven blower for stronger chip discharge that automatically increases power when needed (without any wear or excess power consumption) and a chip deflector that is hydraulically actuated into position when top loading. The discharge chute can be ordered either in a flex configuration (adjusts to distribute chips in the trailer, which minimizes truck relocation during loading) or in a straight configuration.

Power Unit

The ChipMax is powered by a Cat C-18, 765 hp diesel engine. To further its unique design, it is equipped with an extra-large AKG radiator, Flexxaire auto-reversing fan, PT Tech PTO, IntelliGrind control system by Parker IQAN™ for increased monitoring and protection, and radio remote control with full mechanical backup to run all vital functions of the machine. Adding to its versatility, the ChipMax is available as a portable [pintle hook or 5th wheel mounting hitch], track, or truck-mounted unit and is road legal in both width and weight (for frequent moves between jobs.) At CBI, we build machines based on total ownership cost rather than compromising quality.



Specifications

Feed Conveyor	Apron or Chain
Length	12' (or optional 6')
Width	48"
Motor	High-torque Poclairn
Top Feed Roll	
Dimension	48" wide x 30" diameter
Motor	High-torque Poclairn
Rotor	2-knife or 4-knife drum
Dimension	48" wide x 40" diameter
Discharge Chute	
	Flex
	Straight
Throughput	Up to 100+ tons/hr.

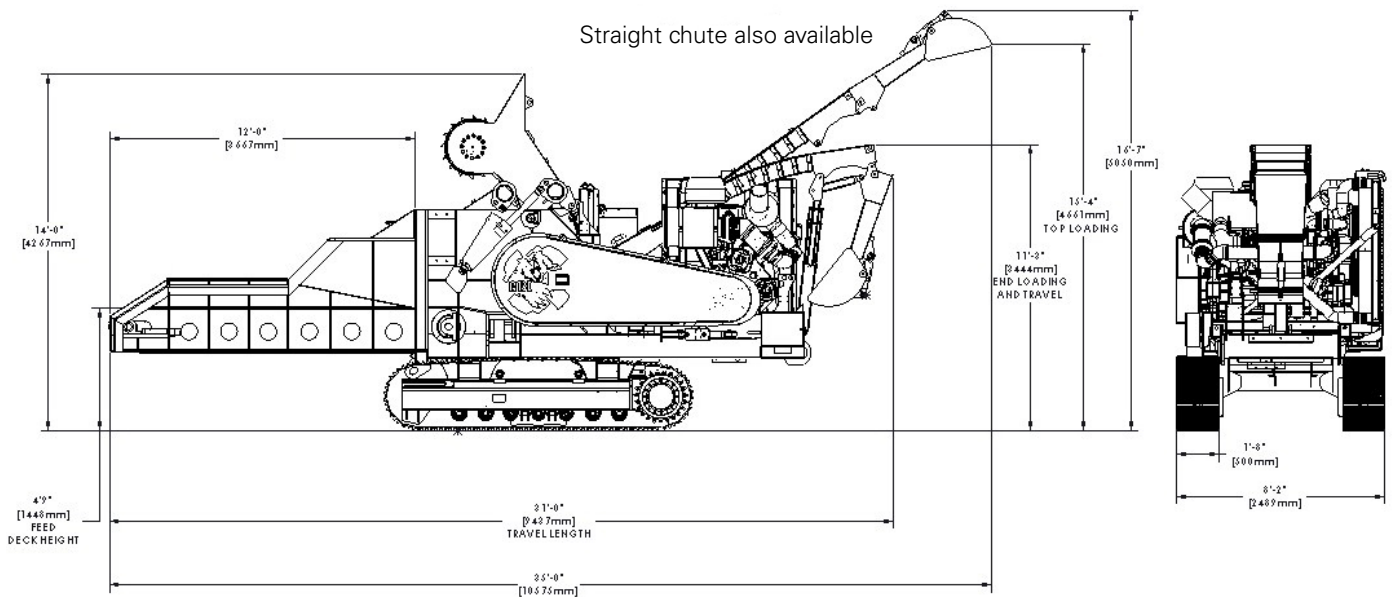
Hydraulics	
Type	Hydrostatic / Rexroth, Sauer, Poclairn PT Tech Gearbox

Power	
Engine	CAT C18; 765 hp
Drive	V belt with guarding
Flexxaire® Fan	Reversing pitch radiator fan that reverses airflow every 5-15 minutes automatically (adjustable)

Fuel Tank	
Capacity	250 gallons (946 liters)

Electrical	
	IQAN™ PLC and radio remote control for all functions

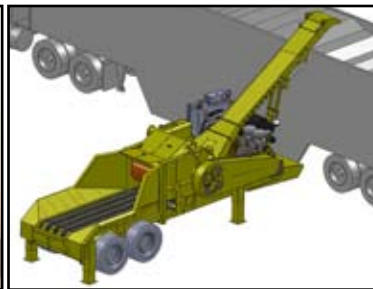
Weight	
	44,600 - 52,000 portable unit 50,400 - 59,000 track unit



Pintle Hook

Truck Mounted

King Pin / 5th wheel Mounting Hitch



The CBI difference: Fuel the Future.™

Continental Biomass Industries, Inc.

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