



# FEEL THE POWER

## 12" Capacity Chipper!

Featuring Bear Cat's exclusive cantilever design!

Model 7812086  
can handle  
branches up to  
**12"**  
in diameter,  
with the ability to  
chip through the  
toughest brush and  
limbs with ease!



### Bear Cat 12" model standard features

- Kubota 86 hp, 4 cylinder, turbo, liquid cooled, Tier II diesel engine.
- Live hydraulic-feed system with try-again feature.
- Adjustable maintenance alert system.
- 16.5" diameter single-feed roller.
- 4 reversible, heat-treated chipper steel blades.
- 360-degree, 8.5" square discharge chute.
- Fully-enclosed locking engine compartment.
- Starting aid engagement lever.
- Five-banded belt drive for better transfer of power.
- Total weight — 6,000 lbs.

### Trailer features:

- Dura Flex suspension, 14-ply tires, heavy duty fenders, electric brakes, safety chains.
- Telescoping adjustable tongue with 3" pintle-style hitch standard. Optional 2 5/16" ball coupler sold separately.
- Adjustable 2,000 lb. capacity jack stand.



**Increase  
Your  
Efficiency!**

Large Feed  
Chute opening  
of 20" x 14"  
with drop-down  
feed tray.



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# 12" Chipper Specs

## Model 7812086

### 46" [116cm] DIAMETER DISC

Balanced solid steel disc rotates counter clockwise at 1400 rpm. Cantilever design greatly reduces wrapping. Hinged disc cover featuring a locking safety pin opens easily with aide of hydraulic jack, providing easy access to the chipping disc.

- (a) Arbor Shaft is 3" [76mm] diameter
- (b) Feed Rate up to 145 FPM [44mpm]
- (c) Disc weighs 987 lbs. complete

### ENGINES

Kubota 86 hp 4 cylinder, turbo, liquid cooled, Tier II diesel engine.

### LIVE HYDRAULIC FEED SYSTEM

Reverse at both ends, positive neutral, with flow control. Single 16.5" [42cm] dia. feed roller, 19.5" [50cm] wide with 1.5" [38mm] bearings. Roller contains 12 knife blades. Hydraulic feed roller with hydraulic lift assist. Auto feed system with instant reverse standard. "Try again" feed system. Automatically will re-try feeding limbs.

- (a) PSI 3,000
- (b) Feed roller diameter 16.5" [42cm]
- (c) Feed roller width is 19.5" [50cm]
- (d) Feed roller motor size 56 cu. in. [918 cu.cm]
- (e) Down Pressure is hydraulic standard
- (f) Auto Feed is standard

### BLADE CONFIGURATIONS

4 reversible heat treated chipper steel blades mounted in an offset pattern. Blade dimension 9" x 4" x .625" [22.8 x 10 x 1.58cm] thick.

### FOUR EDGE ADJUSTABLE CUTTER BAR

Can be repositioned for longer life and ensures good chipping ability.

### FEED CHUTE

20" x 14" [50x35cm] feed opening with immediate wide open feed chute.

Rubber feed chute flap for noise abatement.

- (a) Infeed hopper opening: height 33.8" [86cm], width 59" [150cm]
- (b) Drop-down feed tray with 2 locking safety pins. Height 25.25" [64cm], Width 63" [160cm]

### TRAILER

Torsion axle suspension, 14-ply tires, heavy duty fenders 3" pintle-style hitch with adjustable height. 2,000 lb. adjustable tongue jack.

- (a) Trailer capacity 7,000 lbs [3,700kg]
- (b) Suspension type – Dura Flex
- (c) Brakes – electric
- (d) Tires – 14 ply load rating G (LT235-85R16)
- (e) Safety Chains 5/16" link x 36" length with safety hooks

### ENGINE HOUSING

Fully enclosed lockable engine compartment for noise abatement and security. Hydraulic oil tank, 3 gal. [11.5 liters] capacity. Steel fuel tank, 30 gal. [115 liters] capacity. .375" [9.52mm] steel disc housing.

### DISCHARGE CHUTE

360° rotation, chain-driven, 8.5" [21.6cm] square discharge chute. 80 positions for locking discharge chute. Deflector cap with screw-type adjustment at operator level.

### LIGHTING (12-VOLT SYSTEM)

Light package, including rubber mounted taillights and license plate holder. Tachometer, hour meter and electric fuel gauge standard.

### STARTING AID ENGAGEMENT LEVER

Down to start, up to chip

### ALERT SYSTEMS (ADJUSTABLE)

Factory set at 15 hours for blades, 100 hours for oil changes. Blade hour maintenance code alerts time to check the blades for sharpening. Service alert reminds owner of time to change the oil.

### BELT DRIVE

Five-banded belt drive for better transfer of power

### CHIPPER DIMENSIONS

Width 6' 10" [2.1 meters]  
Length 15' 8" [4.1 meters]  
Height 8' 8" [2.6 meters]  
Weight 6,000 lbs. [2,700kg]

### SAFETY

Meets all applicable ANSI safety standards.