The Bandit Model 2290 is the most compact of our entire line of whole tree chippers and is a great entry level machine for loggers who are trying to capture their logging waste for the production of biomass energy and for tree services who branch into land clearing needing to specialize in larger tree take downs. With its solid steel welded construction, proven feed system, durable components, and chip throwing technologies, this chipper provides all of the production advantages you could ever want from a drum-style chipper. The Model 2290 is capable of producing 45 tons of material per hour. 350 to 400 horsepower engine options are available.

The Model 2290 can be equipped with various configurations and packages to meet your specific chipping requirements. A basic unit is equipped with a hydraulic swivel discharge and a 30-inch weld-on pan. For high-production forestry applications, the Model 2290 is usually ordered with a fixed discharge and a 10-foot infeed conveyor. The infeed conveyor is a must for feeding limbs, tops, and hard-to-manage branches because it reduces the amount of manual handling required.
Loading time and increases production when processing shorter logs and large piles of brush or tops. The high velocity stationary discharge provides maximum chip throwing power for fully loading full-length, end-opening chip vans. You can be sure that your vans will be packed to their maximum capacity, reducing transportation costs and increasing profitability. Two bottom clean-out doors provide access to the inside of the discharge if needed. A hydraulic side-to-side and up/down chip deflector also provides an efficient means for directing material.

The productivity of the Model 2290 can be attributed to its powerful feed system consisting of (2) horizontal feed wheels. The feed wheels consist of (1) 32” long by 27” diameter chain driven top feed wheel with two 63.9 CID hydraulic motors and (1) 32” long by 10-5/8” diameter bottom feed wheel driven by one 14.5 CID hydraulic motor. This feed system generates over 56,000 in/lbs of torque for pulling and compressing large diameter whole trees. With this tremendous pulling power, this feed system can reel in and break down awkward shaped limbs and crotches, which can seriously reduce extra trimming and time spent repositioning material to be fed. How? The feed wheels are arranged in Bandit’s patented and proven slide box feed system which allows the top feed wheels to move straight up and down with the flow and diameter of material, providing over 2,500 lbs. of direct down pressure on material in conjunction with gravity as it enters the feed system. The feed rate of the Model 2290 is approximately 110 feet per minute.

The Model 2290 is built around Bandit’s well-known, oversized 37” diameter drum with its thick skin and internal baffles. The larger drum allows for material to be chipped on the bottom half of the drum, giving the knives the opportunity to cut more inline with the grain of the wood instead of against it, thus allowing smoother operation and less vibration while requiring less horsepower. A larger diameter drum also turns slower than a smaller drum, which increases torque to provide a smoother, powerful, and more decisive chipping action. Component weight is distributed and supported on a sturdy, balanced frame constructed from 4” by 12” tubular steel using continuous welds for structural integrity as opposed to bolt-together techniques so it can provide the necessary physical reinforcement for day-to-day chipping. The Model 2290 also features a replaceable knife holder drum which allows you to switch the drum head from bolt-in to babbited knives.

A tether remote control with a 30-foot cord controls all chipper and discharge functions. A wireless radio remote is available as an option, allowing an operator to control the unit from a remote location or from an auxiliary loader feeding the unit.

As with all Bandit whole tree chippers, the Model 2290 can be equipped with its own cab and loader. The operator cab features 3/8” lexan windows, cab fan, swivel seat with hydraulic controlled joysticks built within the arm rests, GEM engine software monitoring system, fuel and hydraulic tank sight gauges, auto feed tachometer, throttle control, and a 12-volt ceiling mounted AC / heating unit. The knuckle boom loader swivels on a heavy-duty turntable bearing and offers broad reach with a GV4EV(F1) grapple rotator.

Customize your Model 2290 to the fullest with many productivity enhancing options including a radio remote, “over-the-top” discharge system, work-lamp light packages, engine cooling fans, and/or an air compressor. A full palette of standard and custom paint colors give you the freedom to choose the look of your brand or company.

The Model 2290, as with all Bandit chippers, is designed and equipped with operator safety in mind. Standard items that accommodate any chipper package include guards that cover all moving parts, engine disabling plugs, disc/drum locks, and other Bandit patented and patent pending devices. Also, all components on Bandit chippers are designed to be easily accessible to save time on routine maintenance schedules and to reduce downtime by being more serviceable out in the field. Bandit whole tree chippers, including the Model 2290, are also backed by an industry-leading 5-year “GUTS” warranty which includes coverage on Bandit manufactured components on the drum/disc and slide box feed system. The engine also features a 5-year warranty and will be covered by the respective engine supplier. Thus, Bandit chippers have proven over time to be the best economical decision you can make for a long-term investment in a whole tree chipper.
**STANDARD EQUIPMENT**

**Whole tree control panel (New System)**

Slide box feed system with (2) horizontal feed wheels, top feed wheel is 32" long X 27" diameter and bottom feed wheel is 32" long X 10 5/8" diameter.

Reversing Auto Feed System

(2) hydraulic lift cylinders

Tether remote control with 30' cord, controls the following functions: (discharge deflector up/down, side to side, feed system forward/reverse, yoke up/down, throttle, and engine kill switch).

Debris deflector on top yoke for feed wheels

Radio remote control with tether remote and 30' cord. Remote controls the following functions: (discharge functions, feed system forward/reverse, yoke up/down, throttle, and engine kill switch).

Clean out and inspection door on discharge

37" Diameter x 24" wide drum with (4) 5/8" X 5 1/2" X 12 1/8" dual edge bolt-on knives

In-line hydraulic pressure check system

130 gallon steel fuel tank with magnetic drain plug, lockable filler cap, and aluminum sight gauge

85 gallon steel hydraulic tank with magnetic drain plug, lockable filler cap, aluminum sight gauge, mesh screen strainer, and gate valve

12 volt electrical system (Includes (1) 1,400 CCA battery) with removable LED taillights, protected junction box, and LED side clearance lights with reflectors

Grapple barrel assembly

(2) hydraulic stabilizers

1/4" x 3" x 12 tubular steel frame with a 1/2" x 4" x 12" steel tongue

Engine disable plug for hood locking pin-preventing engine from operating without pin in place

Safety DVD, (2) 6" wide x 9" tall Bandit operator's manuals (one paper copy and one waterproof copy tethered to machine) and (1) engine operator's manual

Spanish & English combination safety decals

Banded chipper drive belts

Lockable steel battery box with (1) 1,400 CCA Interstate battery

Lockable aluminum toolbox
Bandit 5 year “GUTS” warranty (Includes coverage on Bandit manufactured components on the drum/disc and slide box feed system. Engine also features a 5 year warranty and will be covered by respective engine supplier).

2 1/2 pound fire extinguisher with mount

PAINT SELECTION

Standard Imron Industrial Urethane Bandit Yellow (For Whole Tree Chippers please specify Chipper Guard paint color)

Standard Imron Industrial Urethane Cat. Yellow (For Whole Tree Chippers please specify Chipper Guard paint color)

Standard Imron Industrial Urethane Alert Orange (For Whole Tree Chippers please specify Chipper Guard paint color)

Standard Imron Industrial Urethane Green (For Whole Tree Chippers please specify Chipper Guard paint color)

Standard Imron Industrial Urethane White (For Whole Tree Chippers please specify Chipper Guard paint color)

Standard Imron Industrial Urethane Black (For Whole Tree Chippers please specify Chipper Guard paint color)

Special Imron Industrial special paint (please specify color of chipper and if WTC specify color of paint guards)

Special Imron 5000 paint (please specify color of chipper and if WTC specify color of paint guards)

CAB/LOADER SELECTION

Model 2090/2290 towable unit WITH cab and HYDRAULIC controlled loader (Features Bandit model 1700 knuckle boom loader with turntable bearing and GV4EV(F1) grapple rotator. Cab features 3/8” lexan windows, cab fan, swivel seat with HYDRAULIC controlled joysticks built within the arm rests, GEM engine software monitoring system, fuel and hydraulic tank sight gauges, auto feed tach, throttle control, and 12 volt ceiling mounted AC / floor mounted heating unit).

MODEL PACKAGE SELECTION

Model 2290 Mid-Sized Package "B": (Includes stationary discharge with (2) clean-out inspection doors, hydraulic up/down and side to side chip deflector and 5 1/2’ long infeed conveyor with heavy-duty BENT style infeed chain).

Model 2290 with Forestry Package “A”: (Includes stationary discharge with (2) clean-out inspection doors, hydraulic up/down and side to side chip deflector, 9’ long infeed conveyor with heavy-duty BENT style infeed chain, and dual rear hydraulic stabilizers).

Model 2290 with Forestry Package "B": (Includes 44” high angle 270 degree hydraulic swivel discharge, hydraulic up/down chip deflector, replaceable discharge elbow 9’ long infeed conveyor with heavy-duty BENT style infeed chain, and dual rear hydraulic stabilizers).

ENGINE SELECTION

Caterpillar C13, 440 horsepower without clutch and 33” 2 position reversing fan - Tier 4i (Includes Caterpillar 5 year / 5,000 hour “Platinum” engine warranty)

Caterpillar C13, 440 horsepower with over center style clutch and 33” 2 position reversing fan - Tier 4i (Includes Caterpillar 5 year / 5,000 hour “Platinum” engine warranty)

Caterpillar C13, 440 horsepower without clutch and 33” 2 position reversing fan - Tier 4 FINAL (Includes Caterpillar 5 year / 5,000 hour “Platinum” engine warranty)

Caterpillar C13, 440 horsepower with over center style clutch and 33” 2 position reversing fan - Tier 4 FINAL (Includes Caterpillar 5 year / 5,000 hour “Platinum” engine warranty)
DRIVE SYSTEM SELECTION

Drive system and frame for engine options 375 horsepower and above

CLUTCH SELECTION

Standard manual clutch is included with engine

HPTO12 dry clutch (Push button engage / self adjusting, does not require a coupling or aux tank) (Whole Tree Units)

HPTO14 PT Tech fluid clutch (476 to 765 hp)

AXLE SELECTION

Tandem 20,000 pound air brake axles WITH spring brake (unit cannot be moved unless it is hooked up to air)
Tandem 20,000 pound air brake axles WITHOUT spring brake (unit can be moved without being hooked up to air)

TIRES/RIMS SELECTION

(8) 10R x 17.5, 16 ply tires mounted on dual rims with dual wheel fenders
(8) 10R x 17.5, 16 ply tires mounted on DUAL wheels with aluminum rims and dual wheel fenders (Note: only outside rims will be aluminum)

HITCH SELECTION

3" pintle hitch with safety chains, slip hooks, and 7 prong replaceable coiled power cord

ENGINE RELATED OPTIONS

Engine pre cleaner - Engine Air

Proheat Engine Heater

DISCHARGE OPTIONS

Clean out and inspection door on transition.

(3) toggle switches to control discharge to be located on instrument panel

Over the top discharge

KNIFE AND PARTS OPTIONS

37" diameter x 24" wide drum with (4) (5/8" x 6" x 12 1/8") babbited knives

37" diameter x 24" wide drum with (4) (5/8" x 6" x 12 1/8") babbited knives and (4) (3/8" x 1 3/8" x 12 1/8") counter knives

Additional dual-edge knife
Additional chipper knife holder
Additional babbited knife (5/8" x 6" x 12 1/8")
Additional drum counter knife (3/8" x 1 3/8" x 12 1/8")
Additional babbited knife holder
Additional babbited knife holder (Note: holder is set-up for counter-knives)
Additional babbited knife clamp
Chip breaker option

**HYDRAULIC OPTIONS**

Hydraulic oil cooler

*Hydraulic flow control for feed wheel rate adjustment*

Dual rear hydraulic stabilizers

**TRAILER RELATED OPTIONS**

Dual front hydraulic stabilizer control

**MISCELLANEOUS OPTIONS**

Clean out trap door located underneath bottom feed wheel

*Deluxe light package (Includes (7) Hella worklamp lights, (2) are mounted at the top of the infeed on each side, (2) are mounted on each side of the infeed conveyor, (2) on each side of the discharge chute, and (1) on top of the drum/disc hood)*

Cordless 1/2" Impact wrench

**HYDRAULIC OPTIONS**

4.0 horsepower mini air compressor

**11 horsepower Saylor Beall air compressor (Does not include impact wrench and tools)**

Wrench and socket tool kit for air compressor (Includes: (1) Ingersol-Rand Model IR2141 (3/4" drive) air wrench, (1) 1 1/2" impact socket for cutterbody bolts, (1) 1 15/16" impact socket for tooth nuts, (1) 1 1/8" impact socket, and quick couplers and hose).

For detailed specifications please contact your local authorized Bandit dealer.

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**Model 2290 Brings Revenue to Pendley Farms**

MORGANTOWN, Ky.— Having spent upwards of 30 years in the world of logging and sawmilling, Leonard Pendley of Pendley Farms LLC in Morgantown, Kentucky is well acquainted with the residual material left behind from logging and clearing operations. He left the logging realm in 2000 to focus more on real estate, but knowing the added value gained from clean, attractive property eventually led Pendley to consider purchasing a wood chipper for his waste wood, trees, and treetops. He spent upwards of six months researching various companies and different models, looking at everything from cost to capability and efficiency in processing small and large diameter material. His extensive research culminated with Bandit Industries and the Model 2290 whole tree chipper, and Pendley couldn't be happier with the 2290's performance.

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**Tri State Timber Company Works Overtime with the Model 2290**

ARBELA, Mo.— The next time your boss asks for an extra half-hour of work, consider Don Gibson's work ethic at Tri State Timber Company. "We work seven days a week, 15-18 hours on average," said Gibson. "I don't like things just going together; we try to do things the right way or we don't even attempt them." That kind of work load might lead...