

BANDIT INDUSTRIES, INC.

WHOLE TREE CHIPPER

Unique machines that quickly and efficiently convert whole trees into dimensional chips
MODELS 1850, 1900, 2090, 2400, 3090, 4090



These **unique machines** provide the most **cost-effective** means of processing and disposing of whole trees. Bandit whole tree chippers are **rugged units** with plenty of horsepower to efficiently chip **large diameter materials**. All towable units are available with or without loaders, and many of our whole tree chippers are available as self-propelled units.



BANDIT
INDUSTRIES, INC.

CALL TOLL FREE TODAY!
(800) 952-0178
LOCAL / INTERNATIONAL CALLS: 1-989-561-2270

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QUESTIONS? COMMENTS?

Bandit Industries, Inc. attributes
much of its success from listening to
the suggestions of those who use their
equipment on a daily basis.

Visit our website to locate an
authorized Bandit dealer in your area!

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All specifications, dimensions, standards and options are
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However, these can change as a result of further product
development. Please contact Bandit Industries, Inc. for
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Thank you for your interest in Bandit equipment.

We are excited to have the opportunity to introduce you to our
expansive line of equipment! We've made great strides towards
becoming the industry leader in more than just the tree care
industry. We now supply a complete line of quality, dependable
whole tree chippers, stump grinders and waste reduction units that
are every bit as popular as our hand-fed chippers.

All of our products are built according to customer specifications and
with the highest quality and craftsmanship. For this reason, Bandit
equipment yields one of the highest re-sale values in the market.

Our whole tree chipper brochure outlines the basic features and
functions of our ever-expanding line of heavy-duty, productive
whole tree chippers. For detailed information and specifications on
any model, please contact us or your local Bandit dealer.

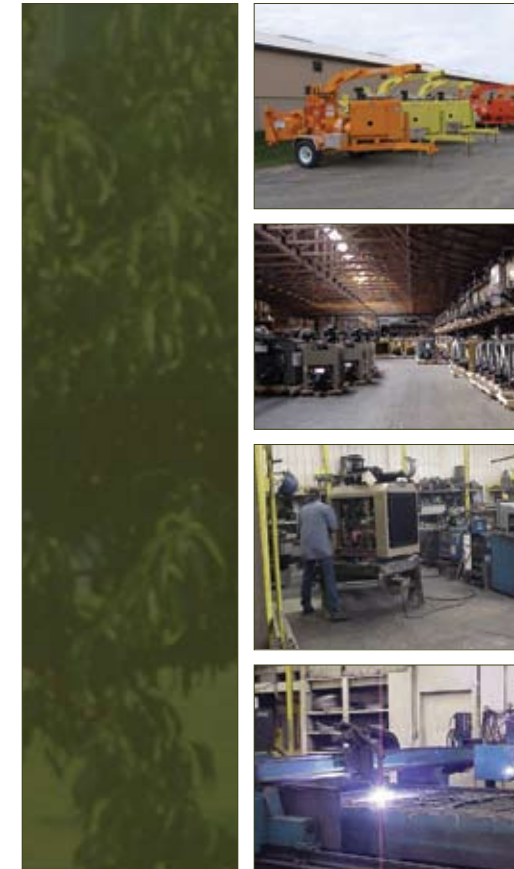
Bandit has over 170 dealer locations worldwide in order to better
serve our customers. You can be sure that our dealers are highly
trained in servicing Bandit equipment. Should you need assistance in
locating the nearest Bandit dealer, feel free to contact us at anytime.

You can also visit our website at www.banditchippers.com for daily
updates on used equipment for sale, customer service, or to view our
entire product line video library.

We look forward to continuing to serve you!

Sincerely,

BANDIT INDUSTRIES, INC.



For additional information, ask for any of these Bandit catalogs!



Bandit Multi-Line
Featuring our entire line of chippers,
grinders and waste recyclers.



Bandit Stump Grinders
Featuring eleven high-production
stumpers, available both as towable
and self-propelled models.



Bandit Waste Recyclers
The most practical machines for
turning unwanted waste into valuable
products.



Bandit Hand-Fed Chippers
The original Brush Bandit™ chippers:
proven, rugged, simple machines that
provide years of dependable service.

www.banditchippers.com

Bandit products are manufactured in a modern 240,000 square foot manufacturing facility located near Remus, Michigan.

Bandit Industries, Inc. currently employs approximately 300
dedicated employees who help us produce more than 2,500
units per year. The key to our success and rapid growth
continues to be our employees who share our philosophy
of producing a quality product and providing excellent
customer service.

We are a company dedicated to creating quality, innovative
products that help our customers do more for less. As
an industry leader, we strive to meet and exceed our
customer's expectations. Find out how Bandit can maximize
the efficiency of your operation. Call today for a product
demonstration.

We use the latest technology to cut, machine, weld and
assemble our machines. We use a teamwork approach when
putting together our machines. A two-man team can put a
12" chipper together in a day.

We stock an abundant supply of components to ensure quick
delivery, and we and our dealers also stock a supply of new
equipment for those that need immediate delivery.

Bandit Industries, Inc. is a company dedicated to the success
of our customers. We take the time to listen to those who
use our equipment on a daily basis, garnering many of our
innovations directly from the suggestions of our customers.

Industry professionals trust Bandit products to be of the
highest quality on the market, and we strive to build and
maintain that trust with every product improvement and
innovation.

And that's a promise.



Modern rebuild facilities allow us to re-sell used equipment almost as good as new:

Let us rebuild your chipper, stump grinder or waste reduction machine!



CHIPPER / STUMP GRINDING REBUILD FACILITY



WHOLE TREE / WASTE REDUCTION MACHINE REBUILD



NEW REBUILD FACILITY - NOW OPEN!

Nearly all of the used equipment that we re-sell is totally rebuilt. Most used equipment is sold with a warranty. Looking for a good start-up or back-up piece of equipment? We are likely to have something to meet your needs. Send us your used or damaged chippers, stumpers or waste reduction machines to be rebuilt.

You will be pleased with the results!

Visit our web site at www.banditchippers.com for a complete listing of the used equipment available for sale.

Now with over 100 qualified dealers to serve you worldwide!

All of Bandit's products are backed by a dedicated service and support network of over 300 employees and more than 170 dealer locations worldwide. All authorized Bandit dealers are stocked with highly qualified employees trained in servicing Bandit equipment and an inventory of new machines to provide quick delivery and to demonstrate the Bandit machine that best meets your needs.

**Call today to locate your nearest Bandit dealer!
1-800-952-0178 / 1-989-561-2270**



WE HAVE DEALERS ACROSS THE WORLD AVAILABLE TO SERVE ALL 50 STATES, AND THE FOLLOWING COUNTRIES AND CANADIAN PROVINCES:

Alberta	Chile	Germany	Ireland	Kuwait	Manitoba	Ontario	Qatar	Scotland	Tunisia	Uruguay
Algeria	Columbia	Hong Kong	Israel	Lebanon	Mexico	Peru	Quebec	South Africa	Turkey	Wales
Australia	Egypt	Hungary	Italy	Maderia	Morocco	Poland	Russia	South Korea	United Arab Emirates	Yemen
Bahrain	England	Indonesia	Japan	Malaysia	New Zealand	Portugal	Saskatchewan	Spain	United States of America	PLUS MORE!
British Columbia	France	Iraq	Jordan	Malta	Oman	Puerto Rico	Saudi Arabia	Taiwan		



BEFORE



Bandit specializes in reconditioning and servicing customer units.

Is your chipper sending the wrong message to your customers? Whether your chipper or stump grinder needs routine maintenance or completely refurbished, Bandit can handle any size job and will service all makes and models. The Bandit rebuild department will do it right the first time and on schedule.

The Bandit rebuild department will provide a detailed estimate that will allow you to decide the amount of work you would like to have performed.

Call Gary at 989-866-6230 or the sales office at 1-800-952-0178 for offers on our new and reconditioned units.



AFTER

DISC VS. DRUM? BANDIT GIVES YOU A CHOICE

Disc-style advantages:

The chipping angle of the disc-style chipper is approximately 45°. This angle allows the wood to be chipped with the grain, creating less vibration and consuming less energy.

Models 1850, 1900 and 2400:

- Chip easier because of their fixed angle feed.
- Require less energy.
- Use less fuel.
- Chip with less vibration.

Drum-style advantages:

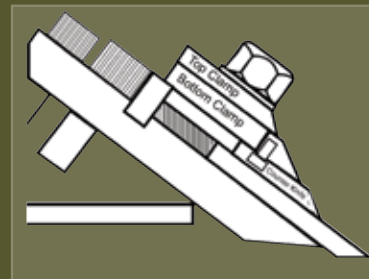
Drum-style chippers have larger openings with feed systems more closely coupled to the chipper.

Models 2090, 3090, 4090:

- Collapse limbs easier.
- Chip more material at one time.
- Process most fibrous materials common in warmer climates easier than a disc-style chipper

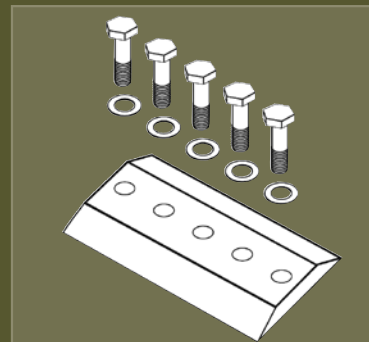
KNIFE CLAMPING SYSTEM:

The 1900, 2400 and 4090 utilize babbitted knives that are clamped into the chipper. The chip size can be set at 3/4", 7/8" or 1" to produce a specific chip size for pulp, paper or pressed board. The babbitted knife system will allow for more knife sharpening. A babbitt jig is used to set a precise knife width after sharpening.



BOLT-IN KNIVES:

The 1850 and 2090 utilize simple, fixed bolt-in knives. The chips from the 2090 and 3090 are slightly smaller than the chips from the 1850.



* The Model 3090 is available with either bolt-in knives or a knife-clamping system.

LIKE NO OTHER: BANDIT'S PATENTED AUTO FEED PLUS

Our patented Auto Feed Plus eliminates the need for the operator to stop the feed system to allow the engine to recover. Auto Feed Plus not only stops the feed system when the engine drops to a set RPM, but also backs the material out of the cut and restarts the feed system when the engine reaches full RPM.

Auto Feed Plus minimizes plugging, improves chip quality, improves fuel economy, and improves knife life by backing the wood out of the cut, reducing the heating of knives caused by stopping wood at the knives.

Loader options available.

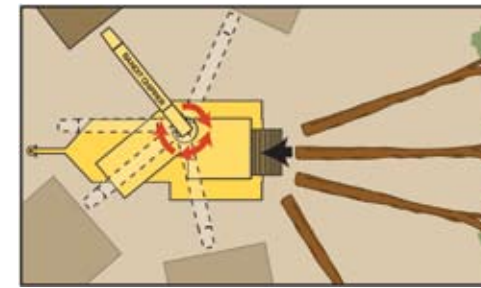
Looking for an all-in-one clearing and site preparation machine? A self-propelled track chipper with loader may be right for you. Contact Bandit today to learn more!

BANDIT WHOLE TREE CHIPPERS: DEPENDABLE UNDER ALL CIRCUMSTANCES.

DISCHARGE CHIPS IN ANY DIRECTION

Eliminate lost time associated with spotting vans, or broadcast chips over the site with a 220° - 330° swivel discharge (depending on model).

- Several vans can be spotted at the chipper.
- Reduce landing size.
- Chip into chip boxes from the roadway.
- Load directly over the hitch.
- Easily separate chips on a landing by species or quality.
- Spread chips over the site.
- This discharge feature is found on all Bandit whole tree chippers except the Model 4090.



Swivel Discharge



Powerful Chip Discharge



Wide track-type infeed conveyor

PACK CHIP TRUCKS FULL

All Bandit chippers are equipped with powerful chip throwers to broadcast chips over the site or to fully load chip trailers.

INFEED CONVEYOR Track-type conveyor chain

The wide track-type conveyor chain extends the width of the feed system and provides assistance to the feed system for heavy materials and ridges to assist in forwarding material to the chipper.

Easily feed multiple stems, piles of brush and short pieces of material using the wide track infeed conveyor. The wide track infeed conveyor is available as an option on the 1850, 1900 and 2090, and is standard on the Models 2400 and 3090.

Powerful feed systems for crushing limbs and branches and for pulling whole trees into the chipper

2-WHEEL FEED SYSTEM

The two-wheel feed system found on the 1850 and 2090 features large feed wheels with a lot of hydraulic power. The feed wheels on the 2090 include a 27-inch diameter top wheel and a 10 3/4-inch bottom wheel; both are 32 inches long. The 1850 utilizes a top wheel 15 3/4 inches in diameter and a bottom wheel 10 5/8 inches in diameter. Both wheels are 20" long. The 3090 uses a 24-inch diameter by 33-1/2" long top wheel and a bottom chain conveyor 14 inches wide by 10 feet long.

The feed system for the 4090 includes a large powerful top feed wheel 34 1/2 inches in diameter and 84 inches long and a unique slot-type conveyor. Feed material into this amazing chipper that features a 41-inch high by 48-inch throat opening.

5-WHEEL FEED SYSTEM

The five-wheel feed system, found on the 1900 and 2400, crushes whole trees with multiple limbs and stems. This amazing feed system consists of two side feed wheels, one bottom wheel and two top wheels set diagonally to the bottom wheel. Both top wheels travel directly up and down in a slide box.

Maximum down pressure is placed on the wood as the big wood enters the feed system. The wood only needs to touch the first of the two diagonal wheels to lift the second wheel. The dual top feed wheels give you more surface area, which is a tremendous advantage for folding and compressing limbs and tops compared to a single wheel system.

DID YOU KNOW...

You can find product updates, used equipment listings, our entire library of product literature and videos, and much more at the click of a mouse! Visit www.banditchippers.com to experience the Bandit difference!

MODEL 1850 SPECIFICATIONS

CHIPPING CAPACITY: 18"
TOWABLE
Length: 18' 4"
Length w/ loader: 24'
Width: 8' 5"
Height: 10' 8"
Weight:
Standard Unit: 13,500 lbs.
With Loader: 16,900 lbs.
TRACK
Length: 23' 2"
Width: 9'
Height: 10' 8"
Standard Unit: 32,000 lbs.
Undercarriage: CAT 312B steel
INFEED HOPPER
Height: 33 3/4"
Width: 64"
Infeed Pan: 30" stationary
Frame: 3" x 12" tubular steel
Axle: (2) 7,000 lb. Torflex
Brakes: Electric Torflex
LOADER OPTION
Reach: 13' 4"
Lift Capacity @ 6': Approx. 2,250 lbs.
Lift Capacity @ Full Reach: 1,750 lbs.
Total Swing: 135°
Curbside Swing: 45°
Roadside Swing: 90°
Grapple: 360° continuous rotation
Tires: (4) 235/75R 17.5, load range "F", 16 ply
Axle: Tandem 10,000 lb.
Tongue Jack: hydraulic tongue jack
Tongue Weight: Approx. 1,400 lbs.
Towing Hitch: 2 1/2" Pintle Ring
Safety Chains: (1) 3/8" link x 6' min.
(2) with safety hooks with latches
HYDRAULIC TANK
Towable: 30 gallon capacity
Track: 70 gallon capacity
FUEL TANK
Towable: 60 gallon capacity
Track: 125 gallon capacity
Chipper Head: 55" dia., (2) knife pockets
Chipper Knives: (2) 7 1/2", (1) 5 1/2" x 4 1/2" wide
Chipper Shaft: 5" diameter major
Radiator Screen: removable mesh
Infeed Tray: 30" weld on
Feed Rate: 98 FPM
Hydraulic Feed System: 2,300 PSI
FEED WHEEL DIAMETER
Top: 15 3/4"
Bottom: 10 3/8"
Length: 20"
Drive Motor: 63.9 cubic inch
Discharge: 270° discharge rotation
Electrical: 2 taillight system w/ removable damage covers, 6-prong trailer connector, side markers and reflective tape
Battery Box: Steel
Tool Box: Aluminum
Paint: Bandit yellow, construction yellow, white, orange, green and black
DIESEL POWER OPTIONS
Caterpillar 3126, 250-HP,
Cummins QSL, 325-HP
Cummins QSC (6.7), 275-HP
John Deere 6081HF475, 250-HP
John Deere 6081HF070, 250-HP
John Deere 6081HF070, 275-HP
John Deere 8.1H, 325-HP



Available engine options 250 - 325-HP

MODEL 1850 DISC-STYLE CHIPPER (18" CAPACITY)

This compact disc-style whole tree chipper is very popular with land clearers and tree services involved in big tree take downs.

This proven workhorse features an opening of 18 inches by 20 1/2 inches.

- Towable with or without a loader.
- The loader version is available with or without a cab.
- Self-propelled (as shown below) with a loader and cab.
- A hydraulic winch is also a popular option to pull trees to the chipper.

This unit is popular with tree services and many loggers that have loaders for separating whole trees and sorting logs. The loaderless unit can be equipped with an optional wireless remote, enabling the operator to control all functions from a Bobcat or excavator.



Self-propelled Model 1850 with loader

DID you KNOW...

The Only Way to Clear Land.

Take the chipper to the trees! The 1850 is also available as a self-propelled unit, eliminating the need to forward or skid, and features a Caterpillar 312 steel track undercarriage. For more information on self-propelled units, turn to page 8.

MODEL 1900 DISC-STYLE CHIPPER (19" CAPACITY)

A rugged, high production whole-tree chipper for clearing land or harvesting whole trees for paper, pulp, fiber board or wood fuel.

The loaderless unit is equipped with a wireless remote, enabling the operator to control all functions of the chipper from a separate loading unit.

This 19" diameter capacity chipper features an infeed opening of 19 1/2" x 23". This opening, coupled with the powerful five-wheel feed system (see page 2), allows this chipper to crush, compress and chip limby materials.



Optional Dirt Separator

Dirt Separator (optional)

A dirt separator removes a large portion of the loose bark, leaves, limbs and dirt that shake loose during the chipping process.

Joystick controls

- Standard on all units with cab & loader, including both towable and self-propelled units.
- Full instrument panel with engine gauges.
- Electrically controlled engine throttle is standard: no need to waste fuel when wood is not there.
- Hydraulic discharge controls, including vertical flipper.
- Heater, windshield wipers and defroster fan.
- Air conditioner is optional.



Powerful knuckle-boom loader with roomy operator's cab.

High-Performance Loader

The 1900 with loader has a reach of 21-feet 9-inches, a lifting capacity of 4,200 lbs. at 10 feet, a swing of 120°, and a 66-inch continuous rotation grapple, ideal for handling both whole trees and brush.



Available engine options: 535- or 540-HP

MODEL 1900 SPECIFICATIONS

CHIPPING CAPACITY: 19"
TOWABLE
Length: 24'
Width: 8' 6"
Height: 11' 9"
Weight:
Standard Unit: 30,000 lbs.
With Loader: 37,000 lbs.
TRACK
Length: 22'
Length w/ conveyor: 26'
Width: 11'
Height: 11' 4"
Standard Unit: 70,000 lbs.
Undercarriage: CAT 325EL steel
INFEED HOPPER
Height: 39"
Width: 62"
Infeed Pan: N/A
LOADER OPTION
Reach: 21' 9"
Lift Capacity @ 10': 4,200 lbs.
Lift Capacity @ Full Reach: 3,000 lbs.
Swing: 120°
Frame: 6" x 10" tubing
Axle: (2) 15,000 lb. multi-leaf springs
Brakes: Air
Tires: (4) 315/80R22.5
Tongue Jack: hydraulic tongue jack
Tongue Weight: 4,675 lbs.
Towing Hitch: 3" lunet ring
Safety Chains: (2) 1/2" link safety chains with hooks
HYDRAULIC TANK
Towable: 200 gallon capacity
Track: 200 gallon capacity
FUEL TANK
Towable: 200 gallon capacity
Track: 200 gallon capacity
Chipper Head: 3" x 60" diameter, (3) knife pockets
Chipper Knives: 3/8" x 4" x 19 3/8"
Chipper Shaft: 3 3/8" diameter
Radiator Screen: high-capacity, hinged
Infeed Tray: N/A
Feed Rate: 138 FPM
Hydraulic Feed System: 2,100 PSI
FEED WHEEL DIAMETER
Top: (2) 10 3/8"
Bottom: (1) 10 3/8"
Length: 23"
Drive Motor: 63.9 cubic inch
Discharge: 220° hydraulic swivel with hydraulic flipper
Electrical: 4 taillight system w/ removable damage covers, 7-prong trailer connector
Battery Box: Steel
Tool Box: Lockable Aluminum
Paint: Bandit yellow, construction yellow, white, orange, green and black
DIESEL POWER OPTIONS
Cummins QSX15, 535-HP
Caterpillar C15, 540-HP

MODEL 2090 SPECIFICATIONS

CHIPPING CAPACITY: 20"
TOWABLE
Length: 21' 6"
Length w/ loader: 26' 8"
Width: 8' 6"
Height: 10' 4"
Weight:
Standard Unit: Approx. 15,500 lbs.
With Loader: Approx. 18,500 lbs.
TRACK
Length: 20'
Width: 9' 7"
Height: 11' 3"
Standard Unit: N/A
Weight: Approx. 32,000 lbs.
Undercarriage: CAT 312B steel
INFEEED HOPPER
Height: 41"
Width: 67"
Infeed Pan: 30" stationary
Frame: 2" x 8" x 1/2" tubular steel
LOADER OPTION
Reach: 13' 4"
Lift Capacity @ 6': 2,250 lbs.
Lift Capacity @ Full Reach: 1,750 lbs.
Swing: 360°
Axle: (2) 12,000 lb. Torflex
Brakes: Electric Torflex
Tires: (4) 235/75R 17.5, load range "H", 16 ply
Tongue Jack: hydraulic tongue jack
Tongue Weight: Approx 1,500 lbs.
Towing Hitch: 2 1/2" pintle ring
Safety Chains: (1) 3/8" links x 6' min (2) with safety hooks
HYDRAULIC TANK
Towable: 60 gallon capacity
Track: 100 gallon capacity
FUEL TANK
Towable: 60 gallon capacity
Track: 145 gallon capacity
Chipper Head: 37" diameter x 22" wide drum head w/ (4) knife pockets
Chipper Knives: 5/8" x 5 1/2" x 10"
Chipper Shaft: 4 1/2" diameter
Radiator Screen: Removable mesh
Infeed Tray: 30" stationary w/ structurally supported sides
Approximate Feed Rate: 100 FPM
Hydraulic Feed System: 2,300 PSI
FEED WHEEL DIAMETER
Top: 27"
Bottom: 10 3/4"
Length: 32"
Drive Motor: 63.9 cubic inch
Discharge: 270° hydraulic swivel with hydraulic flipper
Noise Level: 80 decibels at 50', 360°
Electrical: 2 taillight system w/ removable damage covers, 6-prong trailer connector, side markers and reflective tape
Battery & Tool Box: Steel combo box on trailer units
Paint: Bandit yellow, construction yellow, white, orange, green and black
DIESEL POWER OPTIONS
Caterpillar 3126, 250-HP
Cummins QSL, 325-HP
Cummins QSC (6.7), 275-HP
John Deere 6081HF475, 250-HP
John Deere 6081HF070, 250-HP
John Deere 6081HF070, 275-HP
John Deere 8.1H, 325-HP



Available engine options 250 - 325 HP



The Way To Clear Land

Like many of our chippers, the Model 2090 is also available as a self-propelled unit. See the self-propelled portion of this brochure (page 13) for more information.

MODEL 2090 DRUM-STYLE CHIPPER (20" CAPACITY)

The 2090 is a compact whole tree chipper designed for limby materials; very popular with land clearers and tree services involved in big tree take-downs.

- This proven workhorse features an opening that is 20 1/4" x 24".
- Towable with or without a loader.
 - The loader version is available with or without a cab.
 - Self-propelled (shown above center) with a loader and cab.
 - A hydraulic winch is also a popular option to pull trees to the chipper.

This type of unit is popular with tree services and many loggers that have loaders for separating whole trees and sorting logs. The loaderless unit (optional) can be equipped with a wireless remote, enabling the operator to control all functions of the chipper from a loader.

The loader version of this unit is equipped with a high-production backhoe-style loader that has a 13-foot 4-inch reach and a lifting capacity of 2,250 lbs. at 10 feet. It is equipped with a 30-inch 360° continuous rotation bypass grapple, ideal for handling whole trees, stems and brush.

MODEL 2400 DISC-STYLE CHIPPER (24" CAPACITY)

This 24" diameter capacity disc-style whole tree chipper is equally popular with land clearing contractors and loggers. With a chipper opening of 24" x 29", coupled with the powerful five-wheel feed system, this monster easily crushes, compresses and chips limby materials.

A rugged, high production whole tree chipper for clearing land or harvesting whole trees for pulp, fiber board or wood fuel. This chipper can fill a 45-foot chip trailer in under ten minutes.

- Powerful knuckle-boom loader with roomy operator's cab.
- Joysticks are standard on self-propelled units and towable units.
- Full instrument panel with engine gauges.
- Electrically controlled engine throttle is standard: no need to waste fuel when wood is not there.
- Hydraulic discharge controls, including vertical flipper.
- Heater, windshield wipers and defroster fan. Air conditioner is optional.



The self-propelled 2400 is a terrific land clearing machine.

The 2400 is available with or without a loader:

The loaderless unit is equipped with a wireless remote, enabling the operator to control all functions of the chipper from the loader.

The loader version has a 21-foot 9-inch reach with a lifting capacity of 7,200 lbs. at 10 feet and a swing of 120°.



Available engine options 630 - 760-HP

MODEL 2400 SPECIFICATIONS

CHIPPING CAPACITY: 24"
TOWABLE
Length: 31'
Width: 11'
Height: 13'
Weight:
Standard Unit: 57,000 lbs.
With Loader: 64,000 lbs.
TRACK
Length: 28'
Width: 11'
Height: 11' 4"
Standard Unit: 84,000 lbs.
Undercarriage: CAT 325EL steel
INFEEED HOPPER
Height: 40"
Width: 62"
Infeed Pan: N/A
LOADER OPTION
Reach: 21' 9"
Lift Capacity @ 10': 7,200 lbs.
Lift Capacity @ Full Reach: 5,000 lbs.
Swing: 120°
Frame: 6" x 10" wall tubing w/ cross bracing & support gussets
Axle: (3) 25,000 lb. multi-leaf springs
Brakes: Air
Tires: (6) 445/50R22.5, load range "J" 18 ply
Tongue Jack: hydraulic tongue jack
Tongue Weight: 12,000 lbs.
Towing Hitch: 3" lunet ring
Safety Chains: (2) 1/2" link safety chains with hooks
HYDRAULIC TANK
Towable: 200 gallon capacity
Track: 200 gallon capacity
FUEL TANK
Towable: 340 gallon capacity
Track: 340 gallon capacity
Chipper Head: 5" x 75" diameter, (3) knife pockets
Chipper Knives: 1/2" x 5" x 23"
Chipper Shaft: 4 1/4" diameter
Radiator Screen: high-capacity, hinged
Infeed Tray: conveyor feed table standard
Feed Rate: 130 FPM
Hydraulic Feed System: 2,100 PSI
FEED WHEEL DIAMETER
Top: (2) 15 3/4"
Bottom: 10 3/4"
Length: 28"
Drive Motor: 63.9 cubic inch
Discharge: 220° hydraulic swivel with hydraulic flipper
Electrical: 4 taillight system w/ removable damage covers, 7-prong trailer connector
Battery & Tool Box: Lockable toolbox standard
Paint: Bandit yellow, construction yellow, white, orange, green and black
DIESEL POWER OPTIONS
Caterpillar 3412E 760-HP
Caterpillar C18, 700-HP
Caterpillar C18, 630-HP
Cummins QSK19, 700-HP

DID YOU KNOW...

Bandit chippers and grinders are some of the most dependable and productive units on the market. **There are over 30,000 units in operation worldwide.** Contact your authorized Bandit dealer to arrange for a product demonstration and learn how Bandit equipment can maximize the efficiency and productivity of your operation!

MODEL 3090 SPECIFICATIONS

CHIPPING CAPACITY: 22"
TOWABLE
 Length: 27'
 Width: 8' 6"
 Height: 13' 1"
 Weight:
 Standard Unit: Approx. 28,600 lbs.
 With Loader & Cab: Approx. 39,500 lbs.

TRACK
 Length: N/A
 Width: N/A
 Height: N/A
 Standard Unit: N/A
 Undercarriage: N/A

INFEED HOPPER
 Height: 38"
 Width: 8' 3"
 Infeed Pan: N/A
 Frame: 6" x 8" tubular steel

LOADER OPTION
 Reach: 17' 4"
 Lift Capacity @ 10': 3,750 lbs.
 Lift Capacity @ Full Reach: 2,500 lbs.
 Total Swing: 125°
 Curbside Swing: 95°
 Roadside Swing: 30°
 Grapple: 48", 360° continuous rotation

OPERATOR'S CAB
 Area: 86 cubic feet
 Controls: Deluxe operator's seat with joystick controls

Axle: (2) 20,000 lb. spring leaf
 Brakes: Air
 Tires: (8) 215/75R x 17.5 "H" 16 ply
 Tongue Jack: Dual hydraulic tongue jack
 Tongue Weight: Approx. 6,750 lbs.
 Towing Hitch: 3" lunet ring
 Safety Chains: (1) 1/2" link safety chain w/ hooks

HYDRAULIC TANK
 With Loader: 160 gallon capacity
 Without Loader: 80 gallon capacity

FUEL TANK (UNIT WITH LOADER)
 Capacity: 80-gallon capacity

FUEL TANK (UNIT WITHOUT LOADER)
 Capacity: 155 gallons

Chipper Head: 37" diameter x 32" wide drum head w. (3) 1/4" pillow block bearings

Chipper Knives: 5/8" x 5 1/2" x 4 1/8" dual-edged knife
 Chipper Shaft: 5"

Radiator Screen: high capacity, hinged
 Infeed Tray: 10' long x 24" wide conveyer feed table standard

Feed Rate: 145 FPM
 Hydraulic Feed System: 2,300 PSI

FEED WHEEL DIAMETER: 24"
 Top: 24"
 Bottom: 24" wide conveyer
 Length: 33" (top feed wheel)

Drive Motor: Motor gear box
 Discharge: 270° hydraulic swivel with hydraulic flipper
 Electrical: LED taillight system trailer connector and protected heavy-duty wiring; includes rear marker and clearance

Battery Box: Steel
 Tool Box: Aluminum
 Paint: Bandit yellow, construction yellow, white, orange, green and black

DIESEL POWER OPTIONS
 Caterpillar C13, 440-HP



**MODEL 3090
 DRUM-STYLE CHIPPER (22" CAPACITY)**

The Model 3090 is a powerful, high production whole tree chipper featuring a large 30" wide by 30" high with a 22" diameter capacity chipper opening. The large chipper opening, along with a powerful top-wheel conveyer infeed system allows the 3090 to process very limby materials.

Features of the Model 3090:

- The 3090 is available with or without a loader!
- The comfortable, roomy operator's cab swings with the loader and is equipped with joystick loader controls full instrument panel with engine gauges.
- Heater, defrost, air conditioner (optional), windshield wipers.
- Large hydraulic tanks: 160 gallons with loader.
- Hydraulic system helps ensure dependable performance.
- 150-gallon fuel tank provides hours of running time before refill.
- A rugged, 37" diameter by 32" wide drum chipper with inter-baffling to provide years of dependable service.

The loader version of this unit is equipped with a high-production backhoe-style loader that has a lifting capacity of 3,750 lbs. at 10 feet and 2,500 lbs. at full reach. It is equipped with a 48" continuous rotation bypass grapple ideal for handling both whole tree and brush.



Available engine options 440-HP

TAKE THE CHIPPER TO THE TREES!

Eliminate the need to forward or skid with one of these bad boys
 The best machines for disposing of or salvaging clearing & logging waste



Model 2400 Track

A 24" diameter capacity hydraulic feed disc-style chipper. A high production self-propelled whole tree chipper powered by a 325EL Caterpillar undercarriage.



Model 2090 Track

A 20" diameter capacity hydraulic feed drum-style chipper. The Model 2090 is a great intermediate chipper, especially effective for processing forked trees and piles of brush. Powered by a 312B Caterpillar undercarriage.



Model 1900 Track

A 19" diameter capacity hydraulic feed disc-style chipper. Our most popular land clearing chipper. This unit is popular with right-of-way clearing contractors. Powered by a 325EL Caterpillar undercarriage.



Model 1850 Track

A 18" diameter capacity, hydraulic feed, disc-style chipper. A great lot clearing machine and equally effective for general land clearing. Powered by a 312B Caterpillar undercarriage.

DID YOU KNOW...

All of our track Bandit self-propelled whole tree chippers eliminate most of the labor and cost associated with tree disposal. All are equipped with swivel discharge spouts to broadcast chips over the site.



FEATURES AND FUNCTIONS OF THE BANDIT MODEL 4090



A powerful pivoting feed wheel 34 inches in diameter by 84 inches long with dual planetary low pressure/high torque hydraulic drives generate 12,000 lbs. of pulling force and feeds material of all types into the large chipper opening. There is very little distance from the feed wheel and chipper, thus there is little area for material to hang up in the chipper opening.

A rugged 48-inch by 48-inch chipping drum anchors this chipper. The chipper shaft is 6 inches in diameter and the chipper opening is 48 inches by 41 inches. **The chipper features our Maxi-clamp knife clamping system, complete with counter and babbitted knives ensuring high quality dimensional chips.** The drum chipper is dynamically balanced.

Plenty of power from the 1000-HP Caterpillar engine.

The engine is equipped with a fold away radiator debris screen and an automatic reversing radiator fan for keeping the radiator as clean as possible. **The clutch is a multi-disc self-adjusting hydraulic engaging clutch that can be engaged from the operator's cab.** The chipper drive system features five Kevlar banded belts. Dual-4D batteries coupled with a 105-amp, 24-volt charging system provide plenty of power for starting the Caterpillar engine.

Dual 18-inch air intake filters with restriction indicators and dual engine pre-cleaners help keep the power unit running at full efficiency.

Powerfully simple low pressure hydraulic system with a great filtration system.

All pumps are driven from two towers powered from the clutch. All pumps plug in - **No pump belt drives to maintain.** A 200-gallon steel hydraulic tank is standard and includes a mesh intake screen, gate shut off valves on the suction lines. A high efficiency return oil manifold is built into the tank and is equipped with three large internal filters and a 3-micron external spin-on cartridge scrubber circuit filter. Magnetic drain plugs and aluminum fluid-level temperature gauges are provided. A hydraulic low oil level alarm is located in the operators cab.

24-volt hydraulic hood lift system for opening and locking the drum hood for knife changes is standard.

Stabilizers for fifth-wheel hitch and loader: Three stabilizers are provided: one to raise and lower the fifth-wheel hitch and two side backhoe style stabilizers to help support the loader. All three stabilizers can be controlled from the cab or from either side of the chipper.

A 400-gallon fuel tank is provided.

FEATURES AND SPECIFICATIONS

CAPACITY	36"
OPENING	48" x 41"
ENGINE OPTIONS	1000-HP
RADIATOR/RADIATOR SCREEN	30 sq. ft. with 54" diameter suction fan w/ automatic reversing fan and hinged radiator screen
FEED RATE	90 FPM
HYDRAULIC FEED SYSTEM	Powerful feed wheel and shark fin conveyer
FEED WHEEL	34" diameter x 84" long
FEED WHEEL DRIVE MOTORS	Dual planetary hydraulic drive, each 392 C.I. - total 12,000 lbs. of pulling force.
INFEED SYSTEM	Feed wheel & conveyer generates a total of 25,000 lbs. of pulling force
INFEED CONVEYOR	30' long x 8' wide with a shark-style infeed conveyer w/ dual hydraulic drive system with 13,000 lbs. of pulling force
CHIPPER CUTTING DRUM	48" x 48" - 2 pocket drum with Maxi-clamp knife clamping system with babbitted knives and counter knives
HYDRAULIC SYSTEM	200-gallon tank with 3-large internal filters and a 3-micron external spin-on cartridge "scrubber circuit" filter. Magnetic drain plug and aluminum fluid level/temp gauge.
DISCHARGE	Hydraulic discharge flipper
AIR FILTER SYSTEM	(2) 18" Donaldson air intake filters with dual-engine pre-cleaners
ELECTRICAL	(6) LED taillights; (5) red LED rear lights; (3) bar center lights, (6) amber LED & (2) red LEDs on ea. side. Mid-turn signal
TOOL, BATTERY BOX AND ENGINE PANEL	Lockable toolbox, engine panel and battery box standard
PAINT	Standard colors: Bandit yellow, construction yellow, white, Alert orange, green
POWER UNIT	1000-HP 3412E CAT diesel engine with twin-disc self-adjusting fluid clutch
SUSPENSION	(3) 24,000 lb. leaf spring axles with air brakes, each with 11R 24.5 tires with 10-bolt piloted flange wheels
FEATURES	Auto Feed Plus
LOADER	27' reach w/ dead heel, 48" continuous rotation bypass grapple, 270° swing. Hydraulic knuckleboom joystick controls
LOADER CAPACITY	8,000 lbs. at 25'
CAB FEATURES	92.5 cubic feet volume Air suspension seat Air conditioning; heater Pressurized cab Joystick controls Tilts for transportation
OPTIONS	Basic knife change kit Knife changing tool kit Auxiliary air compressor Remote controlled discharge spotlight Remote camera on discharge for monitoring chip van Remote camera for monitoring feed system CB with external speakers and PA system AM/FM stereo with CD player External work light package XM Satellite® radio Auto lubrication system Winch cable and lift assist in lifting knife totes Spanish/English decals Heat-sensing automatic fire suppression tanks Cab-mounted fire extinguisher

MODEL 4090 DRUM-STYLE CHIPPER (36" CAPACITY)

This 36-inch diameter capacity, 1000-HP whole tree chipper is extremely productive and can fill a 45-foot chip trailer in minutes.

With a 48-inch by 41-inch chipper opening, this high-capacity chipper will chip almost any tree without the need to trim. The unique, 30-foot long by 8-foot wide, shark-fin style infeed conveyor efficiently feeds whole trees, piled brush and orchard waste into the chipper.

A powerful knuckle boom loader efficiently feeds both trees and brush and has the reach to sort and separate large logs. The loader has 27 feet of reach, a dead heel, and a 48-inch continuous rotational grapple.

Command Central - a spacious 92.5 cubic-foot operator's cab with 51 square feet of window area provides an excellent view of the work area while making it easy to operate and control the 4090. The operator's compartment includes a control panel that gauges all operating functions of the engine, hydraulic and fuel systems. Arm rest joysticks control all the functions of the loader. Arm rest rocker switches control the working lights, front glass wipers and washers, stabilizer legs, engine throttle, clutch engagement, feed system and radiator reversing fan. To keep the operator comfortable, there is a 34,000 btu/hr heater, a 21,000 btu/hr air conditioner, and an XM Satellite® or AM/FM stereo radio. A buddy seat is provided for operator training. The cab tilts forward for transportation.

Power and performance when you need it most.
Bandit Whole Tree Chippers are some of the most innovative, high-performance machines on the market today.
Contact your Bandit dealer to arrange for a live demonstration!





Bandit products are manufactured in a modern 240,000 square foot manufacturing facility located at the company headquarters.

Bandit Industries, Inc. currently employs approximately 300 dedicated employees who help us produce more than 2,500 units per year. We use the latest technology to cut, machine, weld and assemble our machines. The key to our success and rapid growth continues to be our employees who share our philosophy of producing a quality product and providing excellent customer service.

We use a team work approach when putting together our machines. A two man team can put a 12" chipper together in a day. Teams just as this also put together components to support the assembly areas.

We have a 220-acre site that we use for demonstrating and testing our equipment.

Much of our success is attributed to efforts focused on our primary markets such as tree care, forest products and waste reduction industries. Bandit Industries, Inc. provides wood chippers, stump grinders and waste reduction equipment to all parts of the world. Dedicated employees and hard work show in the quality of Bandit products and customer service.

For more information about Bandit products, please call, write or e-mail us to request any of the additional brochures and DVDs we have to offer. Contact Bandit or one of our 80 qualified Bandit dealers to arrange a demonstration of the Bandit product that best meets your needs. □



When quality counts, count on Bandit: Machines that quickly convert whole trees into dimensional chips.

YOUR AUTHORIZED BANDIT DEALER



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