The Model 1590XP was recently increased to an 18" capacity chipper, and has officially become Bandit's most popular hydraulic-feed drum-style chipper. The 1590XP is best suited for those who specialize in larger tree removals and/or working with fibrous materials. It provides the strength, durability, and appetite of a larger diameter chipper at an economical price. The Model 1590XP has also become popular with municipalities because of its ability to keep entire crews feeding it. It features a 37" diameter drum, a large 19.75" x 20.5" throat opening, and a powerful feed system made possible by a new extra wide feed wheel option. These factors allow it to effectively compress limby and forked material normally reserved for chippers with a larger capacity. New diesel engine options up to 180 horsepower are now available on this machine, making it the best 18" capacity chipper on the market.

As with all Bandit hand-fed drum-style chippers (excluding the Model 990XP), the Model 1590XP comes equipped with a large 37" diameter drum. The larger drum allows for material to be chipped on the bottom half of the drum, giving...
the knives the opportunity to cut 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 that provides the necessary physical reinforcement for chipping yet allowing the machine to be towed and maneuvered easily.

The Model 1590XP is equipped with the same proven, dependable hydraulic feed system you have come to expect from a Bandit chipper. The standard feed system features (2) 10 5/8" diameter by 20" wide feed wheels, driven by (2) 32.7 CID hydraulic motors that generate 10,828 in/lbs. of torque and 2,040 lbs. of pulling power for each feed wheel. For those consistently chipping larger diameter material, there is an option to increase the width of the feed wheels up to 25" to further reduce chainsaw work and operator fatigue. The feed rate of of this machine is approximately 105 feet per minute.

The approximate weight of the Model 1590XP, depending upon selected options, is around 9,200 lbs. It boasts a solid chassis construction using continuous steel welds for structural integrity as opposed to bolt-together techniques so it can provide years of dependable service for owners and operators wanting to chip limby, hard-to-manage material and some whole trees. The Model 1590XP rides a single 10,000-pound Torflex axle with 215/75R 17.5" tires.

The Model 1590XP has a much smoother and longer angled transition out of the drum housing and up into the discharge chute. This design allows it to throw material harder, compacting chip trucks better and reducing trips to the dump site. Other factors that maximizes chip throwing power include deep knife pockets that capture and throw the material out of the drum housing, side drum paddles and adjustable side vents that assist in generating proper air flow, and Bandit’s patented power slot positioned on the back side of the drum housing that increases air flow and practically eliminates the chance of plugging. The discharge on the Model 1390XP can manually rotate 360 degrees and has an adjustable deflector for directional control of the broadcasted chips.

A 30-gallon fuel tank provides for more than a days worth of fuel for the Model 1590XP. Recent fuel consumption test results have shown that Bandit drum-style chippers are much more efficient than other chippers in the same category or class when it comes to production output versus costs.

Your chipper can be equipped with optional upgrades including a reversing auto feed system, swivel and height adjustable discharge options, hydraulic winch, hydraulic lift cylinder, and a hydraulic pressure check kit. Deluxe option packages and/or bundles are available. A full palette of both standard and custom paint colors give you the freedom to choose the look of your brand or company.

The Model 1590XP, 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, wooden push paddles, safety control bar, and other Bandit patented and patent pending devices such as the "last chance" cables. 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. Thus, Bandit chippers have proven over time to be the best economical decision you can make for a long-term investment in a brush chipper.
STANDARD EQUIPMENT

Spring loaded slide box type feed system with (2) horizontal feed wheels 10 5/8" diameter x 20" wide

Top feed wheel jack mount with locking pin to raise & lock top feed wheel using tongue jack (not provided when hydraulic lift cylinder option is selected)

33 1/2" high x 64" wide tapered infeed hopper with 30" fold down infeed hopper tray, heavy-duty taillight covers, and spring lift assists

360 degree manual swivel discharge chute with 12" adjustable chip deflector

Clean out and inspection door on discharge

37" diameter x 22" wide drum with (4) 5/8" X 5 1/2" X 10" dual edge knives

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

12 gallon steel hydraulic tank with magnetic drain plug, lockable filler cap, and aluminum sight gauge

3/16" x 2" x 6" rectangular tubing with a 1/4" x 3" x 6" tubular tongue

12 volt system with rubber mounted LED taillights, 6 prong replaceable coiled power cord & protected heavy-duty wiring with junction box, and LED clearance lights with reflectors.

8,000 pound capacity tongue jack with 15" of travel and foot pad

Heavy-duty taillight covers

Banded chipper belts
Safety control bar controls forward / neutral / reverse

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

Wooden pusher tool with mount on infeed hopper

(2) Last chance safety pull cables

Weather resistant manual container

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

Lockable aluminum toolbox

PAINT SELECTION

Standard Imron Industrial Urethane Bandit Yellow (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 Alert Orange (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 Green (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 Paint (please specify paint color and number)

Special Imron 5000 Paint (please specify paint color and number)

ENGINE SELECTION

Caterpillar C3.4, 122.5 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Caterpillar C4.4, 147 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Caterpillar C4.4, 174 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Caterpillar C6.6L, 213 horsepower with over center style clutch - Tier 3

Perkins 854E-E34TA, 122.5 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Perkins 1204E-E44TTA, 147 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Perkins 1204E-E44TTA, 174 horsepower with over center style clutch - Tier 4i (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

John Deere 4045HFC93, 173 horsepower engine with over center style clutch - Tier 4i (Includes Bandit control panel and reversing auto feed along with 2 year / 2,000 hour warranty)

John Deere 6068HFC08, 200 horsepower engine with over center style clutch - Tier 4 FINAL (Includes Bandit control panel and reversing auto feed along with 2 year / 2,000 hour engine warranty)
### DRIVE SYSTEM SELECTION

- Drive system for engine horsepower options up to 142
- Drive system & longer frame for higher horsepower engines (also includes 40 gallon fuel tank) (Engines above 145 horsepower)

### BATTERY/BATTERY BOX SELECTION

- **Lockable aluminum battery box with (1) 1,010 CCA Interstate battery** (Standard on all engines excluding Cummins 99 horsepower on up)
- **Lockable steel battery box with (1) 1,400 CCA Interstate battery**
- **Lockable steel battery box with (1) 1,010 CCA Interstate battery** (All engines excluding Cummins)

### FEED SYSTEM SELECTION

- Spring loaded slide box type feed system with (2) horizontal feed wheels 10 5/8" diameter x 25" wide
- **Feed Wheel Engage (tethered version) for BOTH sides of machine** (Features 2 mechanical over hydraulic pedals that will allow for the activation of the feed wheels once pressure is placed on either of them).
- Radio remote control kit with tether back-up (Controls: lift cylinder up/down, feed forward/reverse, discharge swivel left/right, discharge flipper up/down, throttle and engine e-stop). (Price includes upgrade to a hydraulic swivel discharge and deflector)

### INFEED SELECTION

- 33 1/2" high x 64" wide tapered heavy-duty infeed hopper with 30" weld on tray and lexan taillight covers

### AXLE SELECTION

- Single 10,000 pound Torflex axle with electric brakes (0 degree down trail) (Will be 4 1/2" shorter than 45 degree down trail)
- **Single 10,000 pound Torflex axle with electric brakes** (45 degree down trail)
- Single 10,000 pound Leaf Spring electric brake axle
- **Single 10,000 pound Torflex hydraulic brake axle with reverse solenoid** (Not free backing)
- Single 12,000 pound Leaf Spring axle with electric brakes
- Tandem 7,000 pound Torflex EZ lube axles with electric brakes

### TIRES/RIMS SELECTION

- **(2) 215/75R 17.5" tires mounted on 8-bolt heavy-duty gray rims**
- **(2) 215/75R 17.5" tires mounted on 8-bolt aluminum rims**
- **(2) 235/75R 17.5" tires mounted on 8-bolt heavy-duty gray rims**
- **(2) 235/75R 17.5" tires mounted on 8-bolt aluminum rims**
- **(2) 12.5L x 15, 12 ply hi speed multi rib flotation tires** (Tire is approximately 12 1/2" wide and has a rated capacity of 5,200 each) (Not designed for high speed highway use)
- **(4) 245/75R 16" tires mounted on 8-bolt white DUAL rims**
(4) 235/85R 16" tires mounted on 8-bolt white modular rims

FENDERS SELECTION

3/16" x 18" wide steel fenders for flotation tires
Aluminum bolt on fenders (Approximately 1/8" thick) (standard fender)
Bolt on steel fenders (Constructed of 3/16" HR Plate) (in lieu of standard aluminum fenders)
Heavy-duty aluminum bolt on fenders (Approximately 3/16" thick)
3/16" heavy-duty steel weld on tandem axle fenders (must be selected with tandem axle option)

HITCH SELECTION

2 1/2" Wallace Forge pintle hitch
3" Buyer's Product pintle hitch
3" pintle hitch with Model 20 actuator for hydraulic brake axles

FEED SYSTEM OPTIONS

Double Teeth (Top Feed Wheel) - Available on 1590SS

INFEED OPTIONS

Clear curtains to be installed on infeed (Please specify whether last chance cables should be mounted in FRONT of or BEHIND curtains)
Rubber infeed curtain for infeed hopper (Please specify whether last chance cables should be mounted in FRONT of or BEHIND curtains)

TIRE OPTIONS

Spare tire mounted on heavy-duty gray rim (215/75R 17.5")
Spare tire mounted on aluminum rim for (215/75R 17.5")
Spare tire mounted on heavy-duty gray rim (235/75R 17.5")
Weld on spare tire mount
Spare tire mounted on dual rim (245/75R 16")
Bolt on spare tire mount

ENGINE RELATED OPTIONS

Reversing Auto Feed with digital tach/hour meter for drum-style chipper (Unit with standard feed system)
Spark arrestor muffler (Available for diesel engines only)
Engine pre cleaner - Engine Air (John Deere Engines only)
Shut-off switch for engine shut-down located on both sides of infeed hopper
Restriction indicator on air cleaner, pop-up type.
Engine block heater
Tachometer and hour meter
DISCHARGE OPTIONS

- 270 degree hydraulic controlled swivel discharge chute with manual 12" chip deflector
- 270 degree hydraulic controlled swivel discharge with hydraulic controlled 12" chip deflector
- Stops on discharge - 270 degree turn.
- 30 position discharge locking ring
- Hand crank height adjustable discharge
- 345 degree hand crank swivel discharge with 12" adjustable chip deflector
- Clean out and inspection door on transition.

KNIFE AND PARTS OPTIONS

- Model 1590 wear kit (Includes 3 sets of knives, bolts, and nuts/washers, along with 1 anvil with hardware, knife sharpener, and anvil gauge)
- Additional dual-edge knife
- A.R. plate anvil in lieu of standard
- Knife saver kit (includes sharpener, file, safety gloves, and carrying case)
- Drum chipper tool kit to change knives
- Optional Chip Breaker
- Additional 4/5VX1320 Polyband banded drum belt
- Additional 3/5VX1500 Polyband banded drum belt (Note: two required for full set, to be selected on engines above 150 horsepower)
- Additional Model 1590/1890 drum anvil
- Debris resistant bearing package in lieu of standard
- Extra set of oil, air, and fuel filters for Caterpillar and Perkins engines ranging from 114 to 142 horsepower
- Extra set of oil, air, and fuel filters for Caterpillar and Perkins engines ranging from 173.7 to 213 horsepower
- Extra set of oil, air, and fuel filters for John Deere engines ranging from 115 to 140 horsepower
- Double Teeth (Bottom Feed Wheel)
- Double Teeth (Top Feed Wheel)
- Double Teeth (Bottom Feed Wheel) - Available on 1590SS
- Tool kit for Handfed Chippers
  - Includes:
    - Screwdriver set (4 pc)
    - ½” Drive Torque wrench (25-250 ft)
    - ½” Drive Socket set w/Ratchet (18 pc)
    - Crescent wrench
    - Open end wrench set (14 pc)
    - Balldriver tool set (13 pc)
    - ¾” Drive slotted drag link socket
    - 26” Plastic Tool Box

HYDRAULIC OPTIONS

- 270 degree hydraulic controlled swivel discharge chute with manual 12" chip deflector
- 270 degree hydraulic controlled swivel discharge with hydraulic controlled 12" chip deflector
- Stops on discharge - 270 degree turn.
- Hand crank height adjustable discharge
- 345 degree hand crank swivel discharge with 12" adjustable chip deflector
Hydraulic winch mounted on infeed hopper (does not include cable or rope) (Please specify if winch end is to be set-up with aluminum fairlead or steel rollers)

5/16" x 200' Amsteel Blue winch rope with HD steel thimble on end (shipped loose)

Install bracket for winch and selector valves on side of infeed hopper (To be ordered if winch might be ordered in the future)

"Patented" Kar-Tech radio remote control kit for hydraulic winch only (Must also select hydraulic winch option)

Hydraulic lift cylinder for top feed wheel (controlled manually unless wireless radio remote option is selected)

"Patented" Kar-Tech radio remote for hydraulic lift cylinder (Note: In lieu of a manual lift cylinder bar, lift cylinder control switches will be mounted on each side of infeed to allow lift cylinder control if needed (must also select hydraulic lift cylinder option)

"Patented" Kar-Tech radio remote control kit for hydraulic winch and hydraulic lift cylinder (Note: In lieu of a manual lift cylinder bar, lift cylinder control switches will be mounted on each side of infeed to allow lift cylinder control if needed. Must also select hydraulic lift cylinder and hydraulic winch option)

Hydraulic flow control for feed wheel rate adjustment (For machine with autofeed) (for units with autofeed)

Hydraulic flow control for feed wheel rate adjustment (for units without autofeed)

In-line Hydraulic pressure check system (for units with autofeed)

In-line hydraulic pressure check system (for units without autofeed)

Hydraulic Filter Zinga AE-10

FUEL AND HYDRAULIC TANK OPTIONS

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

Heavy-duty lockable filler cap covers

Shut-off valve for fuel tank

Gate valve for hydraulic tank

Mesh strainer in hydraulic tank filler opening

Mesh strainer in fuel tank filler opening

Electric hydraulic tank sight gauge mounted on instrument panel

Electric fuel tank sight gauge mounted on instrument panel

EXTENDED WARRANTY OPTIONS

1 Year (Bandit parts only) extended warranty. Total warranty - 24 months / 2000 hours

TRAILER RELATED OPTIONS

Frame / Fender supports

(2) Mud Flaps (1/4" x 12" x 18")

7-PRONG (Flat Pin/RV-Style) Male trailer plug

7-PRONG (Round Pin) Male trailer plug

Single rear stabilizer

8,000 pound capacity tongue jack with 2,500 pound HD caster wheel (in lieu of standard jack)
For detailed specifications please contact your local authorized Bandit dealer.

No used equipment listings of this model available at this time.

A New Fleet for Cambridge Landscape Co.

"One truck," says Jim Kelley of Cambridge Landscape Co. "One truck, just one employee. The second year two trucks and three employees, and we grew from there." That was in 1979, and those familiar with customer success stories from Bandit probably see where this is going. Cambridge Landscape Co., however, redefines the term full-service.