

Disc-Style Hand Fed Brush Chippers

Model 90XP - 9" Disc-Style Brush Chippers



The Model 90XP is a compact, highly maneuverable, easy-to-tow, 9" capacity disc-style chipper. A 9" by 17" chipper opening allows the Model 90XP to process multiple stems as well as large diameter pieces up to 9". Built using steel welded construction so it will provide years of dependable service, this unit has been very popular among tree services, utility line contractors, and municipalities because of its durability and low operating costs. The Model 90XP features a wide array of engine options ranging from 48.1 to 89 horsepower.

The Model 90XP is built tough like our popular 12" capacity chippers. This unit comes equipped with the same powerful dual feed system found on the Model 150XP and 200XP. This feed system has the power to pull and compress whole trees into the chipper, reducing trimming and chainsaw work. It features (2) 17" wide by 7.5" diameter feed wheels powered by two 15.5 CID hydraulic motors that create a fast feed rate of 90 feet per minute that can easily keep two people busy feeding it. A 30" deep by 35" wide infeed hopper provides a large area for crushing

and processing brushy, hard-to-manage material. Material is fed and chipped at 45-degree angle to the chipper disc, also making it effective at rapidly slicing and shearing through woody materials.

The approximate weight of this unit, depending upon selected options, is 4,400 lbs. This includes the durable 30" diameter by 1-1/2" thick chipper disc and solid chassis construction using continuous steel welds as opposed to bolt-together techniques. Component weight is distributed and supported on a sturdy, balanced frame that provides the necessary physical reinforcement for chipping while still allowing the machine to be towed easily. The Model 90XP rides on a single 6,000-pound EZ lube Torflex axle, along with two 225/75R15 tires.

A 24.5 gallon fuel tank provides for more than a day's worth of fuel. The discharge on the Model 90XP can manually rotate 360 degrees and has an adjustable deflector for directional control of the broadcasted chips. Optional upgrades including a reversing auto feed system, swivel and height adjustable discharge options, hydraulic winch, hydraulic lift cylinder, and even wider infeed tray options . A full palette of standard and custom paint colors give you the freedom to choose the look to fit your brand or company.

The Model 90XP, 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 7 1/2" diameter x 16 3/8" wide, driven by (2) 15.5 hydraulic motors (Provides approximately 1,646.93 lbs of pulling power for each feed wheel)

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)

29" high x 35" wide tapered infeed hopper with 30" fold down infeed hopper tray

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

Clean out and inspection door on discharge

30" diameter x 1-1/2" thick (2 knife pocket) chipper disc, each pocket equipped with (2) 1/2" x 4" x 5 1/8" dual edge knives

7 gallon steel hydraulic tank with magnetic drain plug

24-1/2 gallon steel fuel tank with magnetic drain plug

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.

5,000 pound capacity tongue jack with 15" of travel and foot pad

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

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

Kohler CH1000, 37 horsepower gas engine

Kohler KDI2504, 74 horsepower Diesel engine with NACD spring loaded clutch - Tier 4 FINAL (Includes Bandit control panel and reversing auto feed along with 2 year / 2,000 hour engine warranty)

GM 3.0L, 89 horsepower GAS engine with 13" PGL Auto clutch

Perkins 404D-22 49.4 horsepower with Twin Disc clutch - Tier 4i

Caterpillar C3.4, 74 horsepower engine with AUTO clutch - Tier 4 FINAL (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

Perkins 854F-TF 74 horsepower engine with AUTO clutch - Tier 4 FINAL (Includes Bandit control system and reversing auto feed. Also includes 3 year / 3,500 engine warranty)

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) 1,010 CCA Interstate battery (All engines excluding Cummins)

FEED SYSTEM SELECTION

Feed Wheel Engage (tethered version) for RIGHT side of machine only (Features 1 mechanical over hydraulic pedal that will allow for the activation of the feed wheels once pressure is placed on it).

INFEEED SELECTION

Heavy-duty steel taillight covers

Dual spring lift assists for infeed hopper

29" high x 45" wide tapered infeed hopper with 30" fold down infeed tray

AXLE SELECTION

Single 6,000 pound Torflex EZ lube axle with electric brakes

Single 6,000 pound Torflex EZ lube hydraulic brake axle (Free backing)

TIRES/RIMS SELECTION

(2) 225/75R 15" tires mounted on 6-bolt white modular rims

FENDERS SELECTION

16 gauge steel weld on fenders (standard fender)

Aluminum bolt on fenders

Heavy-duty steel weld on fenders (must select with 3,500 pound axle upgrade)

HITCH SELECTION

2 1/2" Wallace Forge pintle hitch

2 5/16" Wallace Forge ball hitch

2" Bulldog ball hitch

2 5/16" Bulldog ball hitch

3" Buyer's Product pintle hitch

2 5/16" ball hitch with Model 20 actuator for hydraulic brake axles

3" pintle hitch with Model 20 actuator for hydraulic brake axles

FEED SYSTEM OPTIONS

Double teeth on bottom feed wheel (17" wide feed wheel)

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

Bolt on spare tire mount

Spare tire mounted on white modular rim (225/75R 15")

ENGINE RELATED OPTIONS

Automatic feed system governor with digital tach/hour meter

Reversing Auto Feed with digital tach/hour meter for disc-style chipper (Unit with standard feed system)

Radiator guard posts (2)

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

Tachometer and hour meter

Engine block heater

Restriction indicator on air cleaner, pop-up type.

(1) Banded chipper drive belt (65 to 130 horsepower engines)

Engine top cover (Gas engines only) (Only available for the following engines: Kohler, Vanguard, Wisconsin, Hatz, and Deutz.)

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

345 degree hand crank swivel discharge with 12" adjustable chip deflector

Hand crank height adjustable discharge

Stops on discharge - 270 degree turn.

30 position discharge locking ring

KNIFE AND PARTS OPTIONS

Additional dual-edge knife

Disc chipper tool kit to change knives

Knife saver kit (includes sharpener, file, safety gloves, and carrying case)

A.R. plate anvil in lieu of standard

Debris resistant bearing package in lieu of standard

Model 90 wear kit (Includes 3 sets of knives, bolts, and nuts/washers, along with 1 anvil with hardware, knife sharpener, and anvil gauge)

Extra set of oil, air, and fuel filters for Caterpillar and Perkins 49.4 horsepower engines

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)
- ½" Drive slotted drag link socket
- 26" Plastic Tool Box

HYDRAULIC OPTIONS

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)*

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

Hydraulic lift cylinder for top feed wheel (controlled manually unless wireless radio remote option is selected) *(for units without autofeed)*

"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)

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

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

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)

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

Live hydraulic option for machines equipped with a GM 89 horsepower gas engine

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

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

FUEL AND HYDRAULIC TANK OPTIONS

Heavy-duty lockable filler cap covers

Shut-off valve for fuel tank

Gate valve for hydraulic tank

Rochester aluminum sight gauge for fuel tank

Rochester aluminum sight gauge for hydraulic tank

Mesh strainer in hydraulic tank filler opening

Mesh strainer in fuel tank filler opening

EXTENDED WARRANTY OPTIONS

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

TRAILER RELATED OPTIONS

Orange fender markers to be mounted on each fender

Telescoping tongue with single 20 inch adjustment.

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

7-PRONG (Round Pin) Male trailer plug

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

8,000# capacity tongue jack with stationary foot pad *(in lieu of standard 5,000 pound jack)*

Single rear stabilizer

Hydraulic tongue jack w/ multiple position drop leg

8,000 pound capacity tongue jack with 2,500 pound HD caster wheel *(in lieu of standard jack)*

8,000 pound capacity tongue jack with 2,500 pound HD caster wheel *(includes standard jack)*

MISCELLANEOUS OPTIONS

Spring loaded cleanout door *(in lieu of standard)*

360 Degree Amber Strobe Warning Light w/Guard

4" x 6 1/2" inspection window on belt shield

Pole style cone holder *(weld on)*

Hoop style cone holder

Wheel chock holders on fenders (2) - Painted Steel *(weld on)*

Wheel chock holders on fenders (2) - Tread Bright aluminum *(bolt on)*

Rubber wheel chocks for tires (2)

Lockable aluminum tool box

Extra chipper operators manual *(standard version)*

Extra engine operators manual

Wilton 5 1/2" swivel steel vice, w/ mount

Hydraulic Last Chance Cables

2 1/2 pound fire extinguisher with mount

Rental package (Includes: rental poster, DVD, and rental validation form)

Special hoop style cone holder (Allows for more cones, click on option number for specs)

Combination English / Canadian French decals (Note: these would be the safety decals only)

Install yellow vinyl grips on hydraulic last chance handles

Non skid coating on tongue and all step on areas

Amber color strobe light

For detailed specifications please contact your local authorized Bandit dealer.