

CARLTON

2015 15" DRUM STYLE WOOD CHIPPER

HEAVY-DUTY

THE
PROFESSIONAL'S
CHOICE



Powerful
Durable
Reliable

Carlton's 2015 Apache

15" CAPACITY DRUM STYLE CHIPPER

The Carlton 2015 Apache chipper shares many of the quality design features of its bigger brother - the 2518 - while coming in a smaller, lighter, more compact size.

Aggressive feeding is handled by the exclusive long arm pivot top feed roller. This long arm pivot design keeps the top feed roller close to the drum with a lift path that closely matches the contour of the drum— minimizing the dead space and "hang ups." The dual feed wheels are powered by three hydraulic drive motors working on two independent circuits to further maximize pulling power.

The 2015 Apache utilizes Carlton's exclusive Air Vortex Control to channel and accelerate discharge air, giving the 2015 high discharge velocities and great chip throwing power.



Carlton's Exclusive Air Vortex Control channels and accelerates discharge air giving the Apache series high discharge velocities and great chip throwing power.



Spring Mounted Steel Tank resists vibration and cracking. Hydraulic filter is mounted inside the tank to avoid damage.

Optional Hydraulic Winch gets the big material to the chipper.

Hand Crank Swivel Discharge quickly and easily allows the operator to fill the largest capacity chip trucks corner to corner, or direct the chips to a precise place on the lot.



Long Arm Pivot Design allows the feed wheel to easily and smoothly open over the largest butt ends.



Tandem Pump System provides power independently to each feed wheel. This system ensures the most power at all times to the feed system.



10,000-pound Capacity Dexter Torflex Axle makes the 2015 tow great, while minimizing turf damage.



Hydraulic Winch will accept cable or rope. Winch includes freewheel capability.



Dual Edge Knives are easily accessible, making routine maintenance an easy process. Bolts and Nuts are both removable eliminating problems caused by cross threading or stripping pockets.



Digitally Controlled Reversing Autofeed monitors engine rpm and adjusts the feed automatically. This system has the ability to start, stop, and reverse the feed of the material into the chipper based on parameters set by the operator.



Hand Crank Height Adjustable Discharge Chute allows the operator to quickly adjust the discharge perfectly for any truck.

Massive 15 3/4" Top Feed Wheel pulls in the logs and brush with ease.

Three Hydraulic Feed Motors provide the most pulling power available.

14 Ply Rated Heavy Duty Tires

Tandem Hydraulic System provides hydraulic fluid independently to each feed wheel. This system ensures the most power at all times to the feed system. By running this system directly off the engine, all hydraulic functions are available without engaging the drum.

Dual Lift and Crush Cylinders provide crushing power when necessary and allow easy access to the anvil. Mounting these dual lift cylinders low on the sides allows for a full 360-degree chute rotation.

Rigid 3/8" Feed Table resists bending under the day-to-day stresses of chipping.



The Combination of Three Hydraulic Feed Motors, Carlton's exclusive long arm pivot, and the oversized 15¾" top feed roller give the 2015 the best feeding characteristics available.

LED Taillights mounted high on the infeed out of harm's way. The 2015's taillights have heavy-duty covers for extra protection. Wiring is loomed and soldered for added protection and weather resistance.



Massive 20" x 15" Throat Opening is the largest in its class and easily handles the largest tops.

Carlton Quality

DURABLE
DEPENDABLE



The Carlton 2015 is designed to bridge the gap between standard capacity and massive 18" capacity machines. The 2015 is a great leap in capacity and ability over a 12" disk style machine without paying a penalty in size and weight. The 2015 incorporates a feed system that is stronger and more powerful than competitors 18" machines!!

The 2015 will make your team more productive by minimizing trimming and handling of the wood waste. No more fighting the big tops!!!



CALL TOLL FREE **800-243-9335**

VISIT US ON THE WEB AT

www.stumpcutters.com

CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON
GET GET GET GET GET GET GET GET
AGGRESSIVE AG
POWERFUL POWERFUL PO
INFEED INFEED INFEED INFEED
VE MASSIVE MASSIVE MASSIVE
PING CHIPPING CHIPPING CHIPPING
CAPACITY CAPACITY CAPACITY CAPACITY
CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON CARLTON



CARLTON MODEL 2015 SPECIFICATIONS

General

Weight	6820 Pounds
Length	211 inches
Height	100 inches
Tires	235/75R17.5 Ld Rng H 4805 # @125 PSI
Axles	Dexter Torflex 10,000 Pound Cap
Brakes	Electric with Breakaway Switch
Hitch	Five Inch Height Adjustable Pintle
Fuel Capacity	25 Gallons
Battery	29 HVD 950 CCA
Jack Stand	10000 # Cap Screw Type Swing Up

Engine

Manufacturer	John Deere
Number of Cylinders	Four
Bore	4.19 Inches (106 mm)
Stroke	5.0 Inches (127 mm)
Displacement	276 Cubic Inches (4.5L)
Maximum RPM	2400 RPM
Horsepower	140HP*
Torque	367 Ft Lbs (498 NM)
Cooling Medium	Liquid Water/Antifreeze Mixture
Air Cleaner	Two Stage Dry Type
Oil Filter	Full Flow Spin On
Oil Capacity	13 Quarts
Oil Type	John Deere
Electrical	12 Volt
Gauges	Powerview
Clutch	Twin Disk 11 1/2" Over Center

Bearings

Drum Bearings	2 1/16 inches Tapered Roller
Feed Roller Bearings	2 7/16 inches Tapered Roller
Drum Shaft	3 1/2 inches
Feed Roller Shaft	2 inches

Chipper Drum

Drum Diameter	24 inches
Drum Width w/Fans	27 inches
Disk Balance	Precision High Speed Balanced
Drum Speed	2000 RPM Nominal
Number of Knives	2
Knife Dimensions	10 1/2" x 5 1/2" x 5/8"
Anvil	2" x 20 1/8" x 1/2" AR400
Drum Fans	12 1/4" x 2 1/2" x 6 3/4"

Cutting Dimensions

Throat Opening	15" x 20"
----------------	-----------

Hydraulic System

Hyd Pump Displacement	1.5 in cu/rev total from 2 pumps
Hyd Pump Drive System	Direct Drive off Engine Mount
Flow	16 GPM Total Tandem Systems
System Relief	2500 PSI
Oil Tank Capacity	18 Gallons
Oil Type	AW32
Valve	DO5 Electric Solenoid
Hose	16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter	10 Micron Return with Suction Strainer

Drive System

Engine Sheave	4/5V9.25
Jackshaft Sheave	4/5V11.80
Drive Belt	4/5V1120
Cutter Head Shaft	3 1/2 inches

Feed System

Feed Motors	46 In Cu Top Two 32 In Cu Bottom
Flow	Separate Systems for Top/Btm Feed
Hydraulic Drive	Live - Driven off engine
Autofeed	Reversing, Digital, Fully Adjustable
Feed Rate	110 Feet Per Minute
Feed Rollers	Top: 15 3/4" Dia Bottom: 10 1/2" Dia
Springs	Two 30" Tight Wound Powder Coated
Feed Pivot Bearings	Two 2" Tapered Roller
Lift Cylinders	Two 2" x 16" with 1" attachments
Discharge	Crank Adjustable Swivel and Height

Frame

Main Trailer Tongue	3" x 6" with 3/8" wall
Main Trailer Frame	2" x 6" with 1/4" wall
Telescoping Tongue	N/A
Engine Channel Mnts	4" Channel with 5/16" web
Infeed Chute	3/16" with 2" x 2" x 1/4" tube frame
Infeed Tray	3/16" Plate w/2" x 2" and 2" x 4" Tube
Folding Tray Lock	N/A
Discharge Chute	12 gauge
Discharge Lock	3/4" Spring Loaded Pin
Fuel Tank	High Density Polyethylene
Hydraulic Tank	3/16" Steel w/baffles, spring and rubber mounted
Battery Box	10 gauge - lockable
Fenders	3/16" checker plate
Feeder Bar	1 1/2" OD x 1/8" wall - removable
Radiator Guards	N/A
Light Brackets	3/16" with hidden wiring
Hitch Plate	3/4" Plate adjustable 5" Up/Down

Due to constant product improvement specifications subject to change. Contact Carlton for more information.

CALL TOLL FREE **800-243-9335**

VISIT US ON THE WEB AT
www.stumpcutters.com



J.P. Carlton Company | 121 John Dodd Road | Spartanburg, SC 29303
864-578-9335 | Fax 864-578-0210

EXCEPTIONAL QUALITY & CUSTOMER SERVICE



Carlton's commitment to quality can be found in every piece of equipment they manufacture. Each Carlton wood chipper is a result of superior design and the highest quality construction. Plus, Carlton's staff of highly trained and experienced professionals stands behind each wood chipper and is ready with answers to your questions. From parts and service to technical support, Carlton is dedicated to providing the best customer service in the industry. Carlton—Quality products and exceptional service.