

CARLTON

12" DISK STYLE
WOOD CHIPPER

HEAVY-DUTY

THE
PROFESSIONAL'S
CHOICE



2012

2512

2512 HD



Powerful
Durable
Reliable

12-INCH CHIPPER OPTIONS

Carlton offers a variety of 12-inch chipper models to tackle almost any project. The Carlton 2012 features 20-inch long feed rollers, while the 2512 features 25-inch long feed rollers. The longer rollers on the 2512 give it a wider throat at the rollers, making it feed more aggressively. The 2512 is available as an HD (heavy-duty) model for the most difficult chipping conditions. The HD model comes with a 9000 lb. Dexter Torflex axle and an extreme duty 3- by 6-inch steel frame. No matter what the project, no matter what the conditions, Carlton has the right wood chipper for you.



Dual Lift 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° discharge chute rotation.



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

Engine Options include Kubota, Caterpillar, and John Deere from 80 horsepower to 140 horsepower. These arborist engine packages are specifically designed for use on a chipper and include heavy-duty radiator screens, live hydraulic pump hook ups, locking side panels, and easy access to filters and fluids.

Heavy-Duty Infeed Table and Folding Tray.



30" Telescoping Tongue allows the operator to adjust the length to easily fit under the largest chip bodies.

Locking Fuel and Hydraulic Tanks sit down in the frame for maximum capacity and a clean design.



8000 lb. Dexter Torflex Axle with electric brakes makes Carlton 12" Chippers tow great. A 9000 lb. axle is used on the HD models.



Kevlar Construction Belts carry more horsepower with less stretch, lowering maintenance costs and prolonging belt life. Carlton uses 6 bands providing 50% more strength than competitive models.



Precision Ground High Speed Balanced Chipping Disk. Carlton's chipper disks are perfectly round (no flat spots like competitive chippers) they are also high speed computer balanced – this combination provides for an extremely smooth chipping action that prolongs bearing and machine life.



Integrated Single Manifold Hydraulic System simplifies the system reducing the number of hoses needed and reduces leak points.



10 1/2" Diameter Feed Rollers aggressively pull in the material to be chipped. These large diameter feed rollers climb over material easily, pulling it into the chipper with no assistance. These rollers are 20" long in the 2012 and a massive 25" long in the 2512.

LED Taillights mounted high on the infeed out of harms way. All Carlton chippers come with heavy duty taillight covers as standard equipment. All the wiring runs inside the frame to give the machine a neater appearance and keep wires clear of damage.

Heavy Duty Planetary Winch with cable and choker is an option on all Carlton Chippers. This planetary winch has two speeds and the strongest pulling power available on a chipper.

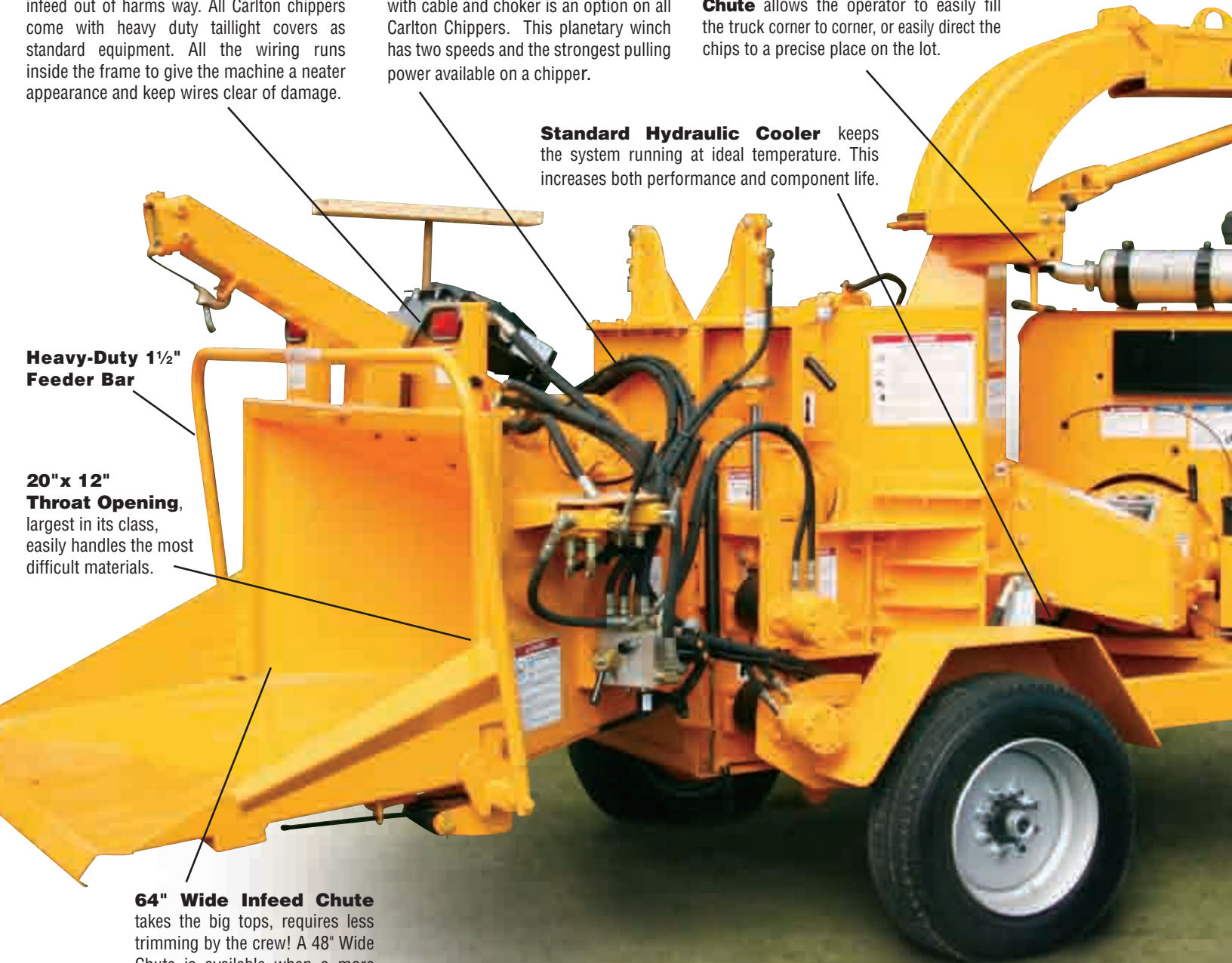
Hand Crank Swivel Discharge Chute allows the operator to easily fill the truck corner to corner, or easily direct the chips to a precise place on the lot.

Standard Hydraulic Cooler keeps the system running at ideal temperature. This increases both performance and component life.

Heavy-Duty 1 1/2" Feeder Bar

20" x 12" Throat Opening, largest in its class, easily handles the most difficult materials.

64" Wide Infeed Chute takes the big tops, requires less trimming by the crew! A 48" Wide Chute is available when a more compact chipper is desired.





32 Cubic Inch Feed Wheel Motors give the Carlton 12" Chippers more infeed pulling power than any other 12" capacity chipper on the market. The patented coupler design makes the infrequent service extremely easy.



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



Live Hydraulics run directly off the engine allowing the operator to engage all hydraulic functions without the disk being engaged.

Carlton Quality

DURABLE
DEPENDABLE



The Carlton Model 2012 wood chipper incorporates numerous standard features found only as options on competitive machines. Standard features like live hydraulics, dual lift cylinders, reversing auto feed, Kevlar belts and Dupont Imron paint, put the 2012 in a class by itself. High horsepower diesel engines, a 20-by 12-inch throat opening and a 64-inch wide infeed give the Carlton 2012 massive capacity. Plus Carlton chippers are built to the highest standards providing contractors the **operation and reliability** they need.



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GET GET GET GET GET GET GET GET
AGGRESSIVE
POWERFUL
INFEED
MASSIVE
CHIPPING
CAPACITY
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SPECIFICATIONS

General

Weight	6200 Pounds
	6400 Pounds
	7000 Pounds
Length	186 inches
Height	100 inches
Tires	215/75R17.5 Ld Rng H 4805 # @125 PSI
	235/75R17.5 Ld Rng H 6005 # @125 PSI
Axle	Dexter Torflex 8,000 Pound Cap
	Dexter Torflex 9,000 Pound Cap
Brakes	Electric with Breakaway Switch
Hitch	Five Inch Height Adjustable Pintle
Fuel Capacity	40 Gallons
Battery	29HVD 650 CCA
Jack Stand	7000 # 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	15 Quarts
Oil Type	John Deere
Electrical	12 Volt
Gauges	Oil Pres, Water Temp, Amp, Digital Tach
Clutch	Twin Disk 11 1/2" Over Center

Bearings

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

Chipper Disk

Wheel Diameter	40 inches
Wheel Thickness	2 inches
Disk Balance	Precision High Speed Balanced
Wheel Speed	1180 RPM
Number of Knives	4
Knife Dimensions	7 1/4" x 4 1/2" x 1/2"
Anvil	4 1/2" x 12 1/2" x 1/2" AR400
Chip Throwers	Two 3/8" x 4" x 4" x 12" long

Cutting Dimensions

Throat Opening	12 3/4" x 20"
	12 3/4" x 25"
	12 3/4" x 25"

Hydraulic System

Hyd Pump Displacement	.87 in cu/rev (14.4cm cu/rev)
Hyd Pump Drive System	Direct Drive off Engine Mount
Flow	Variable Pressure Compensated
System Relief	2500 PSI
Oil Tank Capacity	13 Gallons
Oil Type	AW32
Valve	Series Type
Hose	16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter	10 Micron Return with Suction Strainer

Drive System

Engine Sheave	6/5V7.1
Jackshaft Sheave	6/5V15
Drive Belt	6/5V1000 Kevlar Construction
Cutter Head Shaft	4 1/4"

Feed System

Feed Motors	32 Cubic Inch Displacement
Flow	Pressure Compensated Adjustable
Hydraulic Drive	Live - Driven off engine
Autofeed	Reversing, Digital, Fully Adjustable
Feed Rate	Adjustable
Feed Rollers	Two 10 1/2" x 20"
	Two 10 1/2" x 25"
	Two 10 1/2" x 25"
Springs	Two 19" Tight Wound Powder Coated
Slide Bearings	Four 16" x 1" x 1" Ryertex
Lift Cylinders	Two 2 x 12 with 1" attachments
Discharge	Crank Adjustable Swivel and Height

Frame

Main Trailer Tongue	4" x 6" with 3/8" wall
Main Trailer Frame	2" x 6" with 1/4" wall
	3" x 6" with 1/4" wall
Telescoping Tongue	3" x 5" with 3/8" wall by 72" long
Engine Channel Mnts	4" Channel with 3/16" web
Infeed Chute	3/16" with 2" x 2" x 1/4" tube frame
Folding Infeed Tray	3/16" with 4" x 1 1/2" x 3/16" bracing
Folding Tray Lock	3/4" Spring Loaded Pin
Discharge Chute	10 gauge
Discharge Lock	3/4" Spring Loaded Pin
Fuel Tank	10 gauge with baffles rubber mtd
Hydraulic Tank	10 gauge with baffles rubber mtd
Battery Box	10 gauge checker plate - lockable
Fenders	3/16" checker plate
Feeder Bar	1 1/2" OD x 1/8" wall - removable
Radiator Guards	2" x 4" with 3/16" wall
Light Brackets	3/16" with hidden wiring
Axle Mounts	1/2" Plate
Hitch Plate	3/4" Plate adjustable 5" Up/Down

MODEL KEY

2012
2512
2512 HD

*Multiple engine options available. Contact Carlton for more information.

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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.