

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.

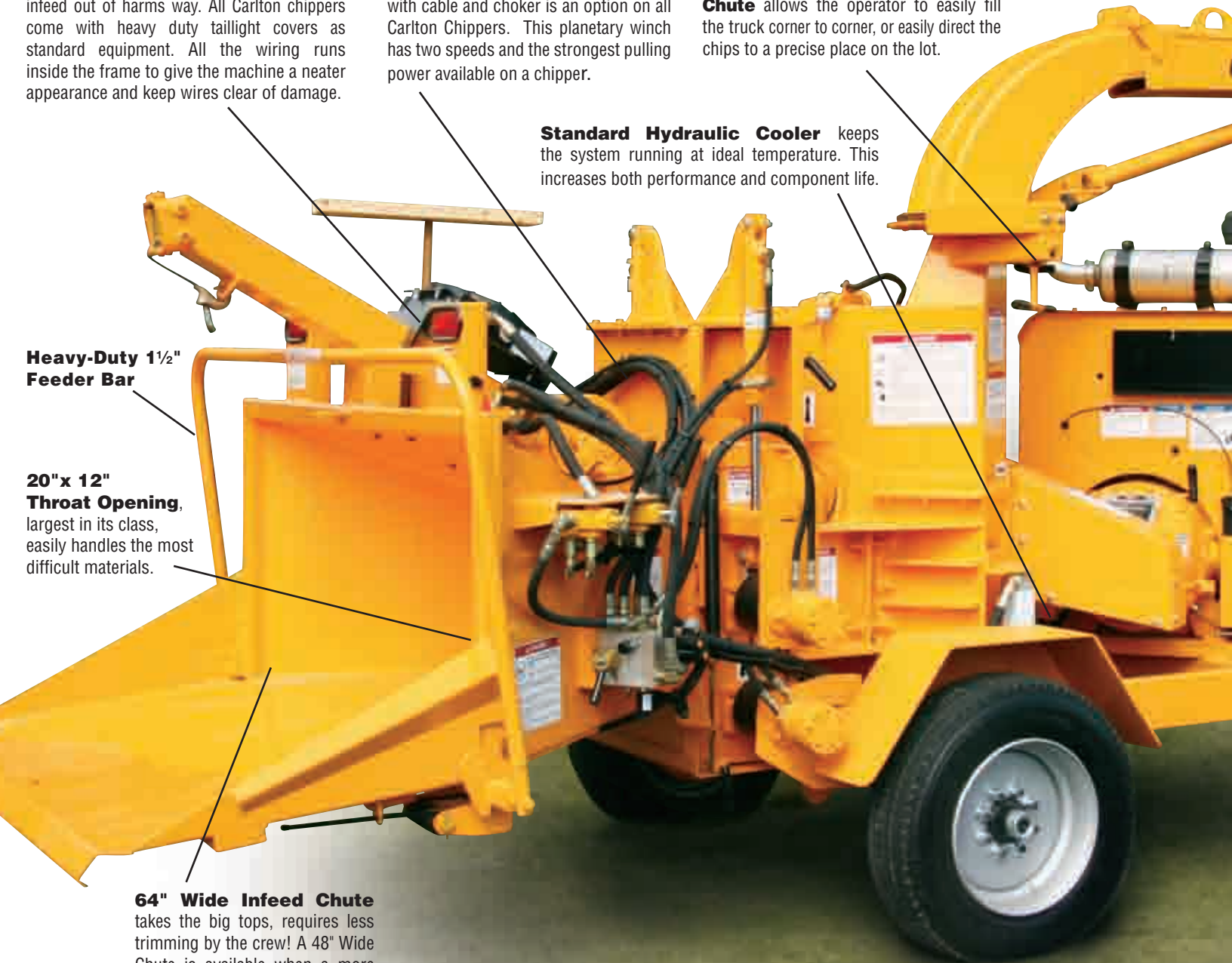
Hand Crank Swivel Discharge Chute allows the operator to easily fill the truck corner to corner, or easily direct the chips to a precise place on the lot.

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 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

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|-------------------|------------------------------|
| 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

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|---------------------|--|
| 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

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|---------|
| 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.