

HEAVY DUTY

CARLTON

1712 12" DISK STYLE WOOD CHIPPER

THE
PROFESSIONAL'S
CHOICE



Compact
Powerful
Durable
Reliable

& Performance & Productivity

The 1712 incorporates many standard features including, live hydraulics, hydraulic lift and crush cylinder, variable feed, and digital adjustable autofeed control.

Live hydraulics run the hydraulic pump directly off an integral engine plug in. This direct plug in of the hydraulic pump minimizes maintenance since there is no pump belt to maintain and no side loading of the pump shaft. This feature also allows the hydraulic pump to run all hydraulic functions without the cutting disk engaged – great for service and inspection.

The standard lift and crush cylinder allows the operator to open the feed wheels when feeding in large butt cut ends or also provide crushing power when necessary. This lift cylinder allows easy access to the anvil for servicing.

The digital adjustable autofeed monitors engine RPM and stops the feed automatically. This system has the ability to start and stop the feed of the material into the chipper based on parameters set by the operator.



Lift and Crush Cylinder provides crushing power when necessary and allows easy access to the anvil.



32-Cubic-Inch Feed Wheel Motors give the Carlton 1712 the power to pull and collapse the toughest limbs and tops.

84 HP Arborist Package Kubota Diesel, specifically designed for use on a chipper and includes: radiator debris screen, live hydraulic pump hook up, slanted top, locking side panels, easy access air cleaner mounted to the rear of the engine to keep it as far away from the dust as possible.

Heavy Duty Infeed Table and Folding Tray.



7,000 lb. Dexter Torflex Axle with Electric Brake makes the 1712 tow great.



Kevlar Construction Belts carry more horsepower with less stretch, lowering maintenance costs and prolonging belt life.





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



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.



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.

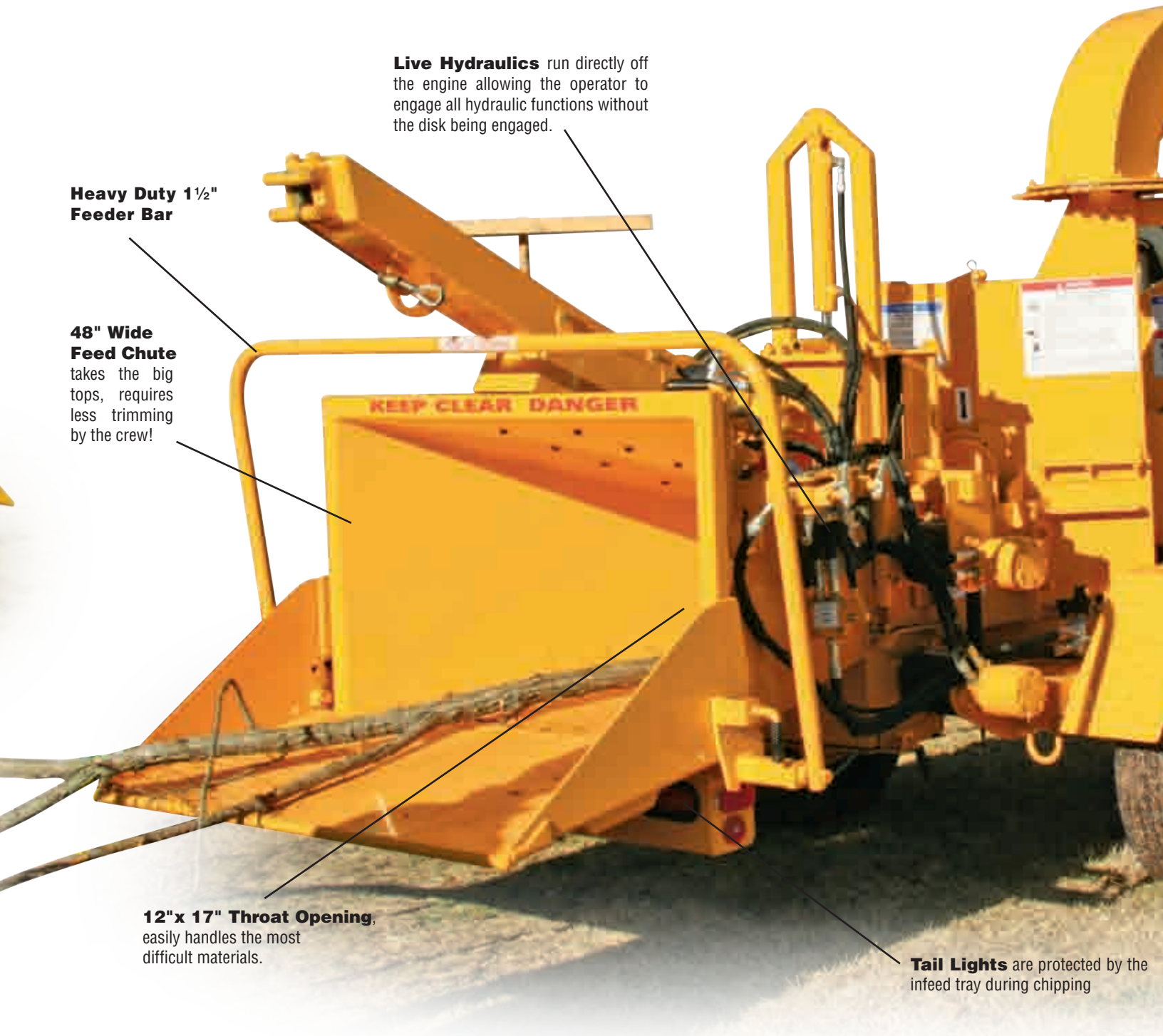
Live Hydraulics run directly off the engine allowing the operator to engage all hydraulic functions without the disk being engaged.

Heavy Duty 1 1/2" Feeder Bar

48" Wide Feed Chute takes the big tops, requires less trimming by the crew!

12" x 17" Throat Opening, easily handles the most difficult materials.

Tail Lights are protected by the infeed tray during chipping





Integrated Single Manifold Hydraulic System simplifies the system reducing the number of hoses needed and reduces leak points. Variable feed speed control is standard on the 1712.



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

Carlton Quality

DURABLE
DEPENDABLE



The Carlton Model 1712 wood chipper provides an ideal balance of capacity, economy, and portability. At just 5400 pounds the 1712 is easily towable by smaller chip trucks. The lightweight and compact size of the 1712 makes it highly maneuverable in tight places.

Carlton Model 1712 incorporates many design features to make it a highly productive 12-inch capacity chipper. The 48-inch by 28-inch infeed opening allows the 1712 to swallow tops with little or no trimming. The 10½-inch diameter feed rollers accept the wood with minimal fuss or wrapping. The industry's largest 32-cubic-inch displacement hydraulic feed motors provide the power to pull and collapse limbs and tops.



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SPECIFICATIONS

General

Weight	5360 Pounds
Length	186 inches
Height	93 inches
Tires	215/75R17.5 Ld Rng H 4805 Pd @ 125PSI
Axle	Dexter Torflex 7,000 Pound Cap
Brakes	Electric with Breakaway Switch
Hitch	Five Inch Height Adjustable Pintle
Fuel Capacity	24 Gallons
Battery	29HVD 650 CCA
Jack Stand	7000 # Cap Screw Type Swing Up

Engine

Manufacturer	Kubota Turbo Charged Diesel V3600T
Number of Cylinders	Four
Bore	3.86 Inches (98 mm)
Stroke	4.33 Inches (110 mm)
Displacement	220 Cubic Inches (3.6L)
Maximum RPM	2800 RPM
Horsepower	84 HP
Torque	205 Ft Lbs
Cooling Medium	Liquid Water/Antifreeze Mixture
Air Cleaner	Two Stage Dry Type
Oil Filter	Full Flow Spin On
Oil Capacity	14 Quarts
Oil Type	SAE 10W40 CD Grade or Higher
Electrical	12 Volt
Gauges	Oil Pres, Water Temp, Amp, Digital Tach
Clutch	Stein

Bearings

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

Chipper Disk

Wheel Diameter	37 ¹ / ₂ inches
Wheel Thickness	1.5 inches
Disk Balance	Precision High Speed Balanced
Wheel Speed	1180 RPM
Number of Knives	4
Knife Dimensions	7 ¹ / ₄ x 4 x 1 ¹ / ₂ " and 6 3/32 x 4 x 1 ¹ / ₂ "
Anvil	4 ¹ / ₂ " x 11" x 1 ¹ / ₂ " AR400
Chip Throwers	Two 3/8" x 4" x 4" x 11" long

Cutting Dimensions

Throat Opening	12" x 17"
Infeed Hopper Opening	29" x 48"

Hydraulic System

Hyd Pump Displacement	.8 Cu in
Hyd Pump Drive System	Direct Drive off Engine Mount
Flow	8.8 GPM Total
System Relief	2500 PSI
Oil Tank Capacity	9 Gallons
Oil Type	AW32
Valve	Energy
Hose	16,000 PSI Burst - Exceeds SAE 100R2
Oil Filter	10 Micron Absolute in Tank Return with Suction Screen

Drive System

Engine Sheave	4/5V8.5
Jackshaft Sheave	4/5V14.0
Drive Belt	4/5V950 with Aramid Fiber Cord
Cutter Head Shaft	3 ¹ / ₂ inches

Feed System

Feed Motors	Two 32 Cubic Inch Displacement
Flow	4.4 GPM to Each Motor
Hydraulic Drive	Live - Driven off engine
Autofeed	Digital, Fully Adjustable
Feed Rate	100 Feet Per Minute
Feed Rollers	Two 10 ¹ / ₂ " x 17"
Springs	19" Tight Wound Powder Coated
Slide Bearings	Four 1" Hardened
Lift Cylinders	2 x 12 with 1" attachments
Discharge	Adjustable Swivel

Frame

Main Trailer Tongue	3" x 4" with 1/4" wall
Main Trailer Frame	2" x 4" with 3/16" wall
Telescoping Tongue	N/A
Engine Channel Mnts	4" Channel with 5/16" web
Infeed Chute	10ga with 2" x 2" x 1/8" tube frame
Folding Infeed Tray	10ga 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	Molded Plastic
Hydraulic Tank	1/4" Steel Fabricated Tank
Battery Box	Marine Grade
Fenders	3/16" checker plate
Feeder Bar	1 1/2" OD x 1/8" wall - removable
Light Brackets	3/16" with hidden wiring
Hitch Plate	3/4" Plate adjustable 5" Up/Down

STANDARD FEATURES

Hydraulic lift and crush cylinder
Live hydraulics driven directly off engine
Digital adjustable autofeed
Swivel discharge
Integrated hydraulic manifold including variable feed
Huge 32 cubic inch hydraulic feed motors
TorFlex suspension with electric brakes

Due to constant product improvement specifications subject to change.

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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.