Wood Chippers

FRONTIER

WC1103 • WC1105 • WC1205 • WC1208

Strength and speed for chipping logs and tree branches.

Achieve high quality wood cut with the new Frontier Wood Chipper. Available in four powerful models, there's a Frontier Wood Chipper that's just right for your needs. Whether you're looking to clean up your land or you have tough commercial jobs to complete, these cost-effective tools are PTO powered to provide maximum strength and performance.

The WC1103 is great for homeowners, farmers, and large property owners. Designed for small utility tractors from 18 to 40 horsepower (13-30 kW), this compact machine uses two dependable double-sided knives for fast, efficient chipping of limbs up to 3 inch (7.62 cm) diameter.

The WC1105 is perfect for daily property maintenance, and is compatible with tractors from 25 to 85 horsepower (19-63 kW). Equipped with four sturdy double-sided knives, the WC1105 is built to handle larger limbs up to 5 inch (12.7 cm) diameter.

The WC1205 offers the same great features as the WC1105 and includes a hydraulic feed system that saves you valuable time. This rugged tool is ideal for tractors of 35 to 95 horsepower (26-71 kW) and designed to take up to 5 inch limbs.

The WC1208 is our largest model, designed for tractors from 80 to 115 horsepower (59.7-86 kW). It features a pull type hitch, heavy duty reversible knives and an optional tachometer with shut off switch. This model will handle limbs up to 8 inches.

Learn more about the Frontier Wood Chippers from your local John Deere dealer, your exclusive source for all Frontier Equipment.

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WC1103

All Frontier Wood Chipper models are compatible with the iMatch™ ASAE Category 1 quick-attach hitch system. iMatch converts your tractor's 3-point hitch to fixed hooks and attaching points for quick and easy connection. (iMatch hitch sold separately.)

WC1105

Chute rotation locking mechanism offers more convenience. Simply rotate the chute 360-degrees to the desired position and lock it in place using the grip handle. Choose the discharge direction that best suits your needs. And when it's time to transport your wood chipper, the chute rotates for better maneuverability. (Also available on WC1205.)

WC1205

The hydraulic feed roll handles a variety of wood sizes. Adjustable spring tension lets you choose the setting needed in your operation, so you can tackle big jobs faster.

WC1208

The hydraulic flow control regulates the speed of material being fed into the chipper. The hydraulic system requires at least 8 GPM (30.3 l/m) to operate the WC1208 at full capacity.

WC1103 feed chute direction changes can be made simply by removing the bolts and repositioning the chute to the opposite direction. (Tools required.)

Feed table can be folded up and locked for easy transport and storage, protecting the feed box from water and debris.

Single-belt system is supported by a single-spring idler pulley. The high-speed rotor requires less horsepower to operate than direct-drive models.

All 11 and 12 Series Wood Chippers feature a heavy-duty rotor for strength and durability.

Triple-belt system features a double-spring idler pulley to keep belts tight for a faster rotor speed. Use less horsepower with a powerful, high-speed rotor. (Also available on WC1205.)

Moving the anvil will adjust the distance between the knives and anvil, prolonging the life of the wood chipper blades.

Feed roll operating control is conveniently located outside the feed box. Engage the handle in three positions including feed, reverse, and neutral.

Aggressive feed roll speeds big jobs. Just slide material into feed roll and let the wood chipper do the work while you grab the next branch, saving time in your operation.

Adjustable hydraulic flow controls feed roll rate, allowing wood to flow through feed chute at the speed you set. Plus, the self-feeding feature reduces operator fatigue.

An optional tachometer with shut off switch will stop the feed roller if the chipper rotor RPM drops below the specified low speed setting. This keeps the tractor from stalling, eliminating undue stress on the drive system when the torque requirement is too high.

The chip deflector adjusts to regulate the distance chips are thrown. Just loosen the locking handle and adjust as needed.

Knives can easily be reversed or replace by removing the four bolts, which thread into a removable threaded block.

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Productive tools for large jobs.

The Frontier Wood Chippers provide the dependability and performance you need for recycling chores and clearing wood around lawns and construction sites, all at a reasonable cost. Chew up branches and timber to make wood chips. If you're looking for a quality wood chipper, Frontier has four economical options – offered in both gravity and hydraulic feed models.

Specifications

Model	WC1103	WC1105	WC1205	WC1208
Tractor horsepower range	18 - 40 hp (13.4- 29.8 kw)	24 - 85 hp (17.9- 63.4 kW)	35 - 95 hp (26.1- 70.8 kW)	80 - 115 hp (59.7 kW - 85.8 kW)
Hitch compatibility	Category 1, iMatch™[1]	Category 1 and 2, iMatch™[1]	Category 1 and 2, iMatch™[1]	Trail behind drawbar
Feed system	Manual (Gravity)	Manual (Gravity)	Hydraulic	Hydraulic
Chip opening	3 x 5.5 in. (7.6 x 14 cm)	5.5 x 8 in. (7.6 x 20.3 cm)	5.5 x 8 in. (7.6 x 20.3 cm)	9 x 16 in. (22.9 x 40.6 cm)
Hopper opening	43 in. (109.2 cm)	43 in. (109.2 cm)	43 in. (109.2 cm)	41 in. (104.1 cm)
Feed height	38 in. (96.5cm)	41 in. (104.1 cm)	21 in. (53.3 cm)	27 in. (68.6 cm)
Rotor weight	65 lb. (29.5 kg)	165 lb. (74.8 kg)	165 lb. (74.8 kg)	490 lb. (222.3 kg)
PTO RPM	540	540	540	540
Rotor RPM	1920	1380	1380	1620
Knives	Two - 2½ x 3½ x 5/16 in. (6.4 x 8.9 x 0.8 cm)	Four - 2½ x 3½ x 5/16 in. (6.4 x 8.9 x 0.8 cm)	Four - 2½ x 3½ x 5/16 in. (6.4 x 8.9 x 0.8 cm)	Two - 4-1/2 x 9 x 5/8 in. (11.48 x 22.86 x 1.59 cm)
Knife bolt	3/8 in. (1 cm) Hardened and recessed bolts	3/8 in. (1 cm) Hardened and recessed bolts	3/8 in. (1 cm) Hardened and recessed bolts	5/8 in. (1.6 cm) Grade 8 bolts
Shear bar/anvil	Adjustable hardened anvil	Adjustable hardened anvil	Adjustable hardened anvil	Adjustable hardened anvil
Belts	1 BX	3 BX	3 BX	5 BX
Chip chute	Fixed (2 Positions)	360˚ Rotation	360˚ Rotation	360˚ Rotation
Hydraulic requirements	N/A	N/A	6 GPM	8 GPM
Self-contained hydraulic system	N/A	N/A	Optional	Optional
Feed roller	N/A	N/A	11 in. (27.9 cm)	15.5 in (39.34 cm)
Machine weight	550 lb. (249.5 kg)	650 lb. (294.8 kg)	775 lb. (351.5 kg)	2100 lb. (952.5 kg)
Warranty	1 Year	1 Year	1 Year	1 Year

[1]The iMatch Quick-Hitch does not work with all tractor series or with all implements. See your John Deere dealer to determine which tractors and implements are compatible with the iMatch.

Note: models/items may not be exactly as shown. See disclaimer below. Hour and/or usage limitations may apply. See Warranty for new John Deere Agricultural Equipment or contact your local dealer for details.

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