

OPERATOR'S MANUAL

WOOD CHIPPER

WC1103



FRONTIER

5PQ990101 (10/08/14)

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INTRODUCTION

Intended Use

Frontier Chippers are designed to chip natural, untreated wood only. Materials that are processed may contain chemicals or by-products that could corrode the machine, damage the blades, or spontaneously combust. Frontier Equipment will not cover under warranty any chipper that has been used for anything besides natural wood.

Serial Number

The chipper's serial number is located on the inside of the base. This number helps us to track changes and improvements and must be mentioned when ordering parts or requesting service. For your convenience, a space has been provided inside the front cover of this manual to record the serial number, model number, purchase date, and dealer name.

Specifications



Specifications	WC1103	WC1105	WC1205
Chip Opening	3 x 5.5 in. (7.5 x 14cm)	5.5 x 8 in. (14 x 20cm)	
Drive System	PTO		PTO
Engine	N/A		N/A
Transport	3 Point Hitch		3 Point Hitch
HP Required	16		35+
Rotor Size	65 lbs.		165 lbs.
Knives	(2) 2.5 x 3.25 x 5/16 in.	(4) 2.5 x 3.25 x 5/16 in.	
Knife Bolts	3/8" Recessed Head Hardened Bolts		
Feed System	Manual		Hydraulic
Hydraulic Requirement	N/A		6 GPM
Feed Roller	N/A		15" (37.5cm)
Hopper Opening	25 x 18 in. (62.5 x 45cm)	28 x 28 in. (70 x 70cm)	
Feed Height	38" (95cm)	41" (102.5cm)	21" (52.5cm)
Weight (lbs.)	375	650	775

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SAFETY



Do not operate this machine until this manual has been read and fully understood; serious injury or death can occur if these safety warnings are ignored!



Never allow more than one person to operate this machine at a time. If two people are working together it will increase the chance of your workmate engaging the machine or causing you to fall into the machine.



Wood is much harder than human flesh! If your hand is ever near the chipping or feeding area serious injury can occur. NEVER place your hands on the machine while it is chipping.



Never place your hands or feet on or near the machine while it is engaged.



Never place your hands or feet on or near the material while it is feeding.



DO NOT wear loose clothing, jewelry, or anything that can catch a branch that is feeding into the chipper.



DO NOT stand directly in front of the infeed hopper when loading material into the hopper; always load from the side of the hopper. This will not allow any part of your body to be pulled into the machine.



Always wear safety hearing protection, eyewear, gloves, and long pants when operating the chipper.



Never place your hands beyond the opening of the hopper while the chipper is running.



Never allow children, disabled, or untrained persons to operate the chipper.



Do not operate the chipper near bystanders, public roads, or anywhere that the debris may travel far enough to injure another person.



Never move the chipper while it is running.



Shut off the tractor and allow the chipper to come to a complete stop before removing any debris.



Never perform any maintenance or repair while the chipper is running.