



CARMANAH

Design and Manufacturing Inc.

96" / 117" High Volume Chippers

Plate Disc Whole Log Chippers (Spout Over Shaft)

FAST FACTS

- CARMANAH has over 85 years of experience in the forest industry.
- 96" S.O.S. whole-log chippers can process up to a 25.5" diameter log with 2" of spout clearance.
- 117" S.O.S. is capable of self-feeding up to a 31" diameter log with 2" of spout clearance.
- More than 180 S.O.S. Disc Chippers have been sold worldwide.



Description

The 96" and 117" S.O.S. (Spout Over Shaft) Plate Disc Chipper was designed to produce high quality chips from whole logs. The cutting action pushes the log into the lower corner of the spout providing excellent stability and reduced knife velocity; thereby, maximizing chip quality.

Reliability

At Carmanah, we manufacture products to provide years of trouble-free operation. It is common for our inside sales group to receive parts requests for chippers manufactured in the 60's and 70's – and of course, those parts are available.

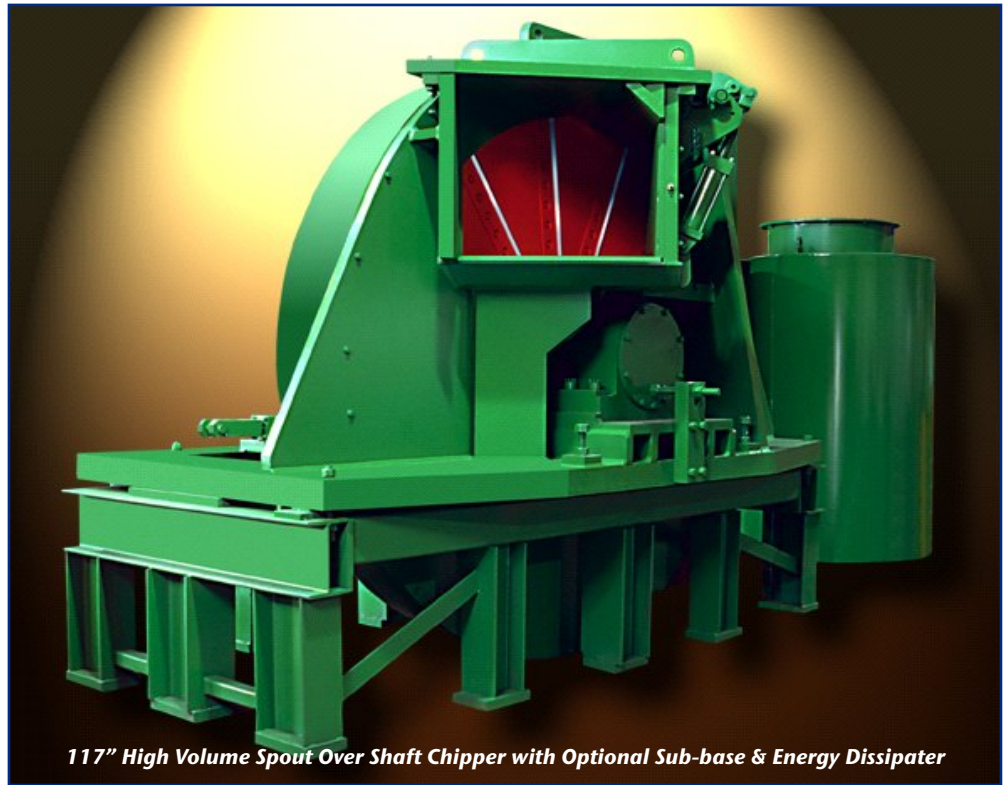
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FEATURES

- Front face one man knife change to reduce labour costs and knife change time
- Hydraulic spout opening for quick and easy access to knives and anvils
- Fixed anvils come with two carbide edges for extended operational life
- Simple shimming to change chip length
- Choose between different knife systems as a bolt-on upgrade
- Multiple infeed and discharge configurations
- Disc brake option offers additional safety and reduced knife change times

96"/117" High Volume Chippers

Plate Disc Whole Log Chippers (SOS)



117" High Volume Spout Over Shaft Chipper with Optional Sub-base & Energy Dissipater

Upgrades

- Water spray nozzle built into base
- Knife babbitt fixture
- Air operated disc brake
- Top (fan) or bottom/back (ducted with energy dissipater) discharges
- Steel sub-base

General Specifications for 96" / 117" (SOS) *

Disc Diameter IN (MM)	Disc Thickness IN (MM)	No. of Knives	Maximum Drive HP, Belt (Direct)	Weight in LB (KG) for Bottom Discharge	Inertia in LB-FT ² (Top Discharge)
96" (2438)	6.25" (158)	4,6,8, 10,12	1400 (1800)	34000 (15400)	111000 (133000)
117" (2972)	8.5" (216)	4,5,6,8, 10,12	1100** (3000)	61500 (27900)	332000 (398000)

* SUS (Spout Under Shaft) option available

** Maximum rated HP using jack-shaft or opposing belt drive



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