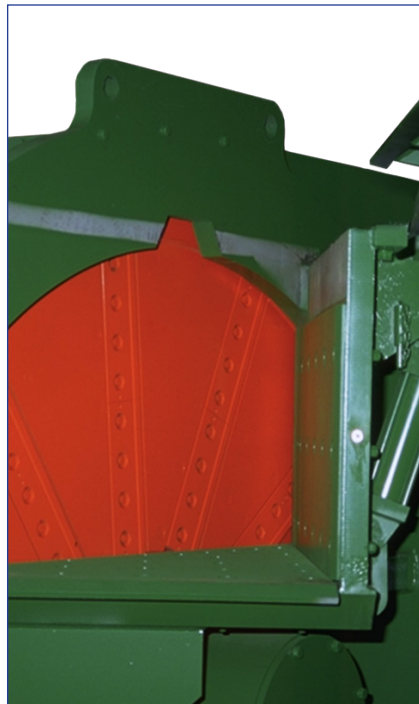


# SOS Chipper

The Spout Over Shaft (SOS) Chipper is designed to produce high quality chips from whole logs. More than 180 of these unique chippers have been supplied to pulp wood rooms and standalone chip plants around the world.



96-inch SOS Chipper disc.



Hydraulic spout opening.

## Design

The position of the infeed spout offers unique geometry that produces high quality chips in whole log applications. The cutting action pushes the log into the lower corner of the spout providing excellent stability. Further, the position of the log being cut is closer to the inside diameter of the disc than it would be on a conventional spout under shaft chipper and thereby is subject to lower knife velocity. The increased log stability and reduced knife velocity both result in improved chip quality.

## Reliability

At Kadant Carmanah, we manufacture products to provide years of trouble-free operation. It is not uncommon for our inside sales group to receive parts requests for chippers manufactured in the 1960's and 1970's – and of course, those parts are still available.

## Features

- One-man, front-face knife change
- Heavy-duty, thick steel disc
- Hydraulic powered spout opening
- Unique geometry force logs into lower corner of spout

## Benefits

- Minimize maintenance requirements
- High inertia and rugged disc provides longevity
- Ample room for disc maintenance activities
- Increased log stability yields high quality chips

# SOS Chipper



Back view of a 117-inch SOS Chipper, complete with energy dissipater.

## Available Options

- Drive Components
- Disc Brake
- Energy Dissipater
- Zero Speed Indicator
- **Choice** of Disposable or Conventional knife systems
- Back or Bottom discharge

	Disc Diameter	Disc Thickness	Disc Speed	Max. Round Diameter	Rotating Inertia*	Weight*
<b>METRIC</b>	2971 mm	216 mm	330 RPM	838 mm	13,950 kg-m <sup>2</sup>	27,900 kg
<b>IMPERIAL</b>	117 in	8-1/2 in		33 in	331,000 lbs-ft <sup>2</sup>	61,500 lbs

*Dimensions are for reference only and subject to change*

[www.kadantcarmanah.com](http://www.kadantcarmanah.com)

Kadant Carmanah is a global supplier of high-value, critical components and engineered systems used in process industries worldwide

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