

# Super Chipper

The Kadant Carmanah Super Chipper was designed to produce pulp quality chips from sawmill and planer waste wood. As with all Kadant Carmanah equipment, the Super Chipper is heavy duty in its design to ensure longevity and trouble-free operation.



*Large, vertically extended J-spout*

## Innovation

At Kadant Carmanah, we constantly strive to improve the operation and reliability of our products. An example of this is the development of carbide inserts for our chipper anvils. This innovation adds a second cutting edge on the opposite face of the insert. Our customers benefit with reduced parts and maintenance costs and generally produce a superior quality chip as the result of the carbide maintaining its edge longer.

## Design

The Super Chipper is the heavyweight contender in wastewood chipping. Unique features such as our cast disc, swingaway anvil, and J-spout are a few of the reasons our chipper has enjoyed such popularity throughout North America. While developed for wastewood applications, the Super Chipper also does an excellent job chipping whole logs.

## 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. The 55" and 65" Super Chippers were developed during the 1980's and well over 100 units are operating worldwide.

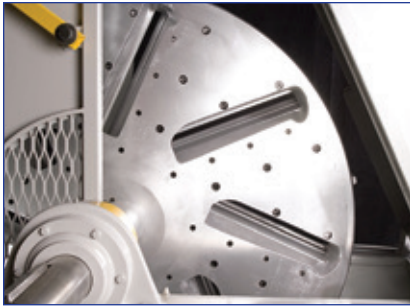
## Features

- One-man front face knife change
- Swing away side anvil door
- Large, vertically extended J-spout
- Heavy-duty, contoured cast disc
- Air powered housing access quadrant

## Benefits

- Minimize maintenance requirements
- Built in protection from metal and/or rocks
- Accepts large pieces, maximizing surge capabilities
- High inertia disc, with no chip damaging obstructions
- Ample room for disc maintenance activities

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Heavy-duty cast disc

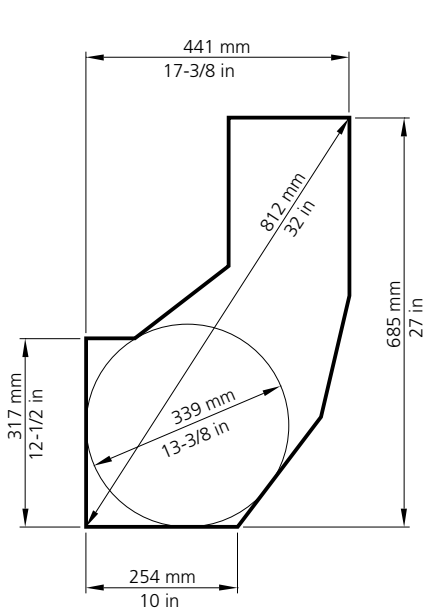


Shear pin protected anvil door

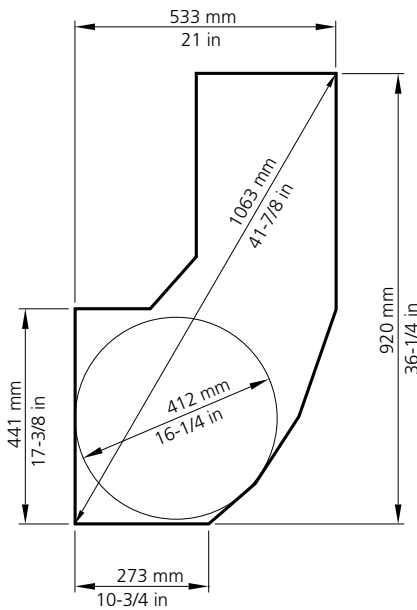


Two-piece conventional knife system

## Spout Dimensions



**55" Chipper Spout**



**65" Chipper Spout**

### Available Options

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

	Disc Diameter	Capacity (Solid Wood)	Avg. Motor Requirement	Disc Speed	Rotating Inertia*	Weight*
<b>METRIC</b>	1397 mm	52 m <sup>3</sup> /hr	110 hp	577 rpm	470 kg-m <sup>2</sup>	4,300 kg
<b>IMPERIAL</b>	55 in	1,840 ft <sup>3</sup> /hr	150 kW		11,200 lb-ft <sup>2</sup>	9,500 lbs
<b>METRIC</b>	1651 mm	84 m <sup>3</sup> /h	180 hp	460 rpm	825 kg-m <sup>2</sup>	5,200 kg
<b>IMPERIAL</b>	65 in	2,970 ft <sup>3</sup> /hr	250 kW		19,600 lb-ft <sup>2</sup>	11,400 lbs

\*Inertia and Weight are calculated for Back/Bottom Discharge only; consult Kadant Carmanah for Top Discharge information.

Dimensions are for reference only and subject to change