

# Chip Shredders

Utilized to reduce chip volume and prepare chips for further processing



*Provides space savings and chip reduction in a variety of materials from aluminum, magnesium, copper, brass, steel and other metals. Efficiently reduces chip volume to decrease transportation costs and increase recycling opportunities.*

## FEATURES

- Calibration screen plates or rotating sieves to determine shredded discharge size
- Single and double shaft options available to best fit application needs
- Fits to existing chip conveyors or mountable on existing chip bins

	Single Shaft			Double Shaft	
○ Optional	200	400	600	400	600
<b>Support</b>		○			○
<b>Automatic Lubrication</b>		○			○
<b>Foreign Parts Ejector</b>		○			○
<b>Foreign Parts Ejector With Electrical Cabinet</b>		○			○
<b>Electrical Cabinet</b>		○			○

## BENEFITS

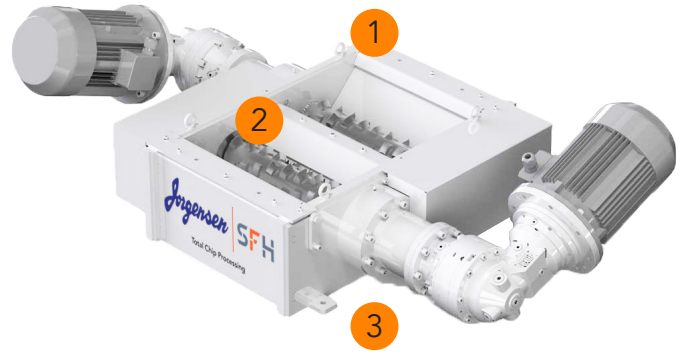
- Up to 90% reduction in chip volume
- Reduced disposal, transportation and storage costs
- Compact system
- Designed for continuous use
- Reuse and recycling of cutting fluid/oils
- Prepares chips for further processing

## APPLICATIONS

- Coolant Recycling
- Central Systems
- Total Chip Processing
- Fluid Filtration

## HOW IT WORKS

1. Chips or swarf enter the shredder from a conveyor or a machine.
2. Combs on the shredders frame guide the chips while multiple blades cut them to the desired size. If a foreign part is detected, it is ejected.
3. Once chips reach the desired size, they fall through the various holes in the Hardox grids and are discharged.



## MODEL SPECIFICATIONS

		Single Shaft			Double Shaft	
		BCE 200	BCE 400	BCE 600	DBCE 400	DBCE 600
Capacity (lbs/hr)	Aluminum	≤ 90	≤ 175	≤ 660	≤ 355	≤ 1325
	Steel	≤ 130	≤ 265	≤ 990	≤ 530	≤ 1985
Machine Dimensions (in.)		36.8 x 32.5 x 9.85	44.5 x 32.5 x 9.85	53.15 x 32.5 x 9.85	61 x 37.4 x 19.3	69 x 37.4 x 19.3
Machine Weight (lbs)		420	485	550	1025	1170
Grid(s)		From 5 to 30 in Hardox 400				
Engine Power (KW)		3 to 4	4 to 7.5	4 to 5.5	8 to 15	8 to 11
Electrical Connection		480VAC 60Hz				

*Machine capacity depends on the form, humidity and density of the chips*

## TOTAL CHIP PROCESSING WITH JORGENSEN AND SFH



This product can be combined with Jorgensen and SFH's other chip processing equipment to provide a complete chip handling system.

Check out our website for a complete product list and more information.

Website: [www.jorgensenconveyors.com](http://www.jorgensenconveyors.com)  
 Email: [info@jorgensenconveyors.com](mailto:info@jorgensenconveyors.com)  
 Phone: 262-242-3089

