Shaping Your Waste

We offer a wide range of briquette presses to compact chips and swarf, which often create a waste stream around the workplace. A volume reduction of up to 90% is possible through the briquetting of aluminum, magnesium, copper, brass, and other metals. This reduction in volume represents a significant cost savings in labor, increased scrap value, and the extration of cutting fluids to be reused.

Jorgensen Conveyors, Inc.
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Conveying + Shredding + Briquetting
The Briquetting Process

Material is fed into the hopper either by chip tote or in conjunction with a chip conveyor. Simply turn on the machine and the agitator will start to spin, pushing the material into a trough at the bottom of the unit. An auger fills the pressing chamber and material is transferred into the cylinder where it is densified into a briquette. No glues or adhesives are used as a binding agent, leaving you with a clean, densely-packed briquette.

**CONTROL PANEL**
- Automatic/service mode
- Pre-wired for easy install
- 7” touch-screen PLC
- Emergency stop button

**ACCESS WINDOW**
- Optional
- Access window with safety interlock
- Auto on/off

**DRAIN PAN + SUMP**
- Coolant/cutting fluid collection
- Pump with float switch

**WEAR SLEEVE**
- Chamber designed for long-term use

(TH 514 HD shown)
HYDRAULIC PACKAGE

• Cooling available for 24hr. operation
• Heating available for cold-weather start-ups
• Clamp pressure adjustment for higher density briquettes
• Optional VFD control

AUTOMATIC BRIQUETTE LENGTH ADJUSTMENT

• Designed for consistent briquette sizing

(IN 514 HD shown)

LUBRICANT INJECTION

• Optional
• Reservoir and injection system for dry alloys

INFEED HOPPER OPTIONS

• Standard and custom hoppers available
• Breaker bar to prevent bridging
• Auger to meter material flow
Technical Data

**TH 514-714 HD**

<table>
<thead>
<tr>
<th></th>
<th>TH 514 HD</th>
<th>TH 614 HD</th>
<th>TH 714 HD</th>
<th>TH 600 M</th>
<th>TH 800 M</th>
<th>TH 1500 M</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Briquette Diameter:</strong></td>
<td>2 in (50 mm)</td>
<td>2.4 in (60 mm)</td>
<td>2.8 in (70 mm)</td>
<td>2.4 in (60 mm)</td>
<td>3.1 in (80 mm)</td>
<td>2.4 x 5.9 in (60 x 150 mm)</td>
</tr>
<tr>
<td><strong>Hydraulic oil quantity:</strong></td>
<td>66 g (250 L)</td>
<td>66 g (250 L)</td>
<td>66 g (250 L)</td>
<td>66 g (250 L)</td>
<td>66 g (250 L)</td>
<td>264 g (1,000 L)</td>
</tr>
<tr>
<td><strong>Hydraulic motor:</strong></td>
<td>18 hp (13 kW)</td>
<td>18 hp (13 kW)</td>
<td>18 hp (13 kW)</td>
<td>9 hp (6.3 kW)</td>
<td>9 hp (6.3 kW)</td>
<td>40 hp (30 kW)</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>3,750 lbs (1,700 kg)</td>
<td>3,750 lbs (1,700 kg)</td>
<td>3,750 lbs (1,700 kg)</td>
<td>6,600 lbs (3,000 kg)</td>
<td>6,600 lbs (3,000 kg)</td>
<td>9,920 lbs (4,500 kg)</td>
</tr>
</tbody>
</table>

**TH 600-800 M**

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<thead>
<tr>
<th></th>
<th>TH 600 M</th>
<th>TH 800 M</th>
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<tbody>
<tr>
<td><strong>A:</strong></td>
<td>81.5 in (2,069 mm)</td>
<td>81.5 in (2,069 mm)</td>
</tr>
<tr>
<td><strong>B:</strong></td>
<td>90&quot; (2,284 mm)</td>
<td>90&quot; (2,284 mm)</td>
</tr>
<tr>
<td><strong>C:</strong></td>
<td>82.25 in (2,088 mm)</td>
<td>82.25 in (2,088 mm)</td>
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**TH 1500 M**

<table>
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<tr>
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<th>TH 1500 M</th>
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</thead>
<tbody>
<tr>
<td><strong>A:</strong></td>
<td>190 in (4,822 mm)</td>
</tr>
<tr>
<td><strong>B:</strong></td>
<td>69.5 in (1,761 mm)</td>
</tr>
<tr>
<td><strong>C:</strong></td>
<td>78 in (1,983 mm)</td>
</tr>
</tbody>
</table>

Due to continuous improvement, technical information may change without notice.
Jorgensen offers a broad array of conveyor styles which can be engineered to integrate with our shredders and briquette presses to provide a complete chip handling and processing system which meets your specific needs.

- To convey bulk chips or scrap into shredder in-feed hopper.
- To convey shredded material to an in-plant central collection point.
- To convey shredded material directly to the briquette press.
- To convey finished briquettes to an in-plant central collection point.
- Jorgensen’s unique ShuttlePro Conveyor for in-plant central chip collection level container loading.

"YOUR SINGLE SOURCE FOR INTEGRATED TURNKEY CONVEYOR AND CHIP PROCESSING SYSTEMS!"

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