

# PRAB DUALPAK™ BRIQUETTER

PROVEN TO INCREASE SCRAP VALUE UP TO 25%

## Exclusive Dual-Ram Compression Technology

PRAB's Dualpak™ Briquetter machines increase the value of metal chips, loose turnings and swarf by compressing them into near solid, dry briquettes to send to the recycler or feed to furnace. Unlike competing briquetting machines, the Dualpak uses two opposing hydraulic cylinders. These cylinders press metal equally from both sides, creating the industry's densest briquettes.

Increase capacity with live-bottom hoppers up to 4 cubic yards (3 cubic meters).

Exclusive dual hydraulic ram technology efficiently compacts metal chips into briquettes.



Capture up to 99% of expensive coolant and cutting fluids.



Create more dense and uniformly shaped briquettes with dual compaction.

## System Benefits:

- PRAB's Exclusive "dual compression technology"
- More efficient re-melt
- Optimized container fill
- Increased value of metal scrap
- Maintains a cleaner shop
- Pucks are easy to store
- Pucks transports easily
- Easy to install
- Convenient die access minimizes downtime
- Able to fill multiple containers

## Standard Features:

- PLC controls with HMI operator panel
- Position and pressure feedback 0-10 volt DC
- Fluid containment tray with coolant recovery pump
- Swivel discharge conveyor rotates to fill multiple containers
- Fan-cooled heat exchanger
- System capacity up to 14,000 lbs/hr

***"We get \$0.17 per pound more for our briquetted material over loose chips."***

– Jack Rován, Martin-Baker  
Plant Manufacturing Manager

Backed by the **PRAB Difference**



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## THE INDUSTRY'S DENSEST BRIQUETTE

Choose the capacity you need from a variety of sizes. All models come pre-wired for easier, more flexible installation.

Estimated Throughput (lbs/hr): Aluminum, Steel, Cast Iron, Copper, Brass System throughput is directly related to the bulk density of the incoming material.									
Model #	MX20-15M	MX30-15M	MX30-20M	MX35-30M	MX35-40M	MX35-60M	MX50-60M	MX50-100M	MX70-250M
Briquette Diameter	2"	3"	3"	3.5"	3.5"	3.5"	5"	5"	7"
7 lbs/ft <sup>3</sup>	32 lbs/hr	63 lbs/hr	100 lbs/hr	150 lbs/hr	188 lbs/hr	250 lbs/hr	375 lbs/hr	500 lbs/hr	1,400 lbs/hr
14 lbs/ft <sup>3</sup>	65 lbs/hr	125 lbs/hr	200 lbs/hr	300 lbs/hr	375 lbs/hr	500 lbs/hr	750 lbs/hr	1,000 lbs/hr	2,800 lbs/hr
21 lbs/ft <sup>3</sup>	95 lbs/hr	188 lbs/hr	300 lbs/hr	450 lbs/hr	560 lbs/hr	750 lbs/hr	1,125 lbs/hr	1,500 lbs/hr	4,200 lbs/hr
28 lbs/ft <sup>3</sup>	125 lbs/hr	250 lbs/hr	400 lbs/hr	600 lbs/hr	750 lbs/hr	1,000 lbs/hr	1,500 lbs/hr	2,000 lbs/hr	5,600 lbs/hr
56 lbs/ft <sup>3</sup>	250 lbs/hr	400 lbs/hr	800 lbs/hr	1,200 lbs/hr	1,500 lbs/hr	2,000 lbs/hr	3,000 lbs/hr	4,000 lbs/hr	13,200 lbs/hr
84 lbs/ft <sup>3</sup>	300 lbs/hr	625 lbs/hr	1,000 lbs/hr	1,500 lbs/hr	2,000 lbs/hr	2,500 lbs/hr	3,750 lbs/hr	5,000 lbs/hr	14,000 lbs/hr
Mechanical & Electrical Specifications									
Motor Horsepower (main)	15 HP	15 HP	20 HP	30 HP	40 HP	60 HP	60 HP	100 HP	250 HP
Main Hydraulic Pump Flow	22 GPM	23 GPM	48 GPM	56 GPM	60 GPM	98 GPM	98 GPM	141 GPM	168 GPM
Total Force Available	42 tons	106 tons	144 tons	144 tons	144 tons	144 tons	295 tons	295 tons	577 tons
Operating Pressure	3,000 psi	4,219 psi	4,219 psi	3,675 psi	3,675 psi	3,675 psi	3,827 psi	3,827 psi	3,500 psi
Standard Face Pressure	27,000 psi	30,000 psi							
Cylinder Bore Size	2 @ 6"	2 @ 8"	2 @ 8"	2 @ 10"	2 @ 10"	2 @ 10"	2 @ 14"	2 @ 14"	Consult Factory
Power Required	460 volt, 3 phase, 60 htz (other power configurations available upon request)								
Machine Full Load Amps	22.5 amps	22.5 amps	34.4 amps	46.9 amps	59.4 amps	84.4 amps	84.4 amps	134.4 amps	345.8 amps
Infeed Hopper	One-half cubic yard dual auger Live-Bottom Hopper: 1, 2, 3 & 4 cubic yard						Live-Bottom Hopper: 1, 2, 3 or 4 cubic yard		4 Yard Live Bottom Hopper

Contact us to **request a quote** today



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### System Operation:

Augers feed chips into a compression chamber, then two opposing hydraulic cylinders press the metal, squeezing out any fluid and creating a compact puck. System is available with 1,2,3, and 4 cubic yard live bottom hoppers and can also be adapted to compress swarf.



Systems with dual feed hoppers are available



1/2 Yard infeed hopper includes two 3" augers



Dualpak Briquetters help keep the shop clean



Live bottom hopper includes multiple 6" augers



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PRAB maintains a complete chip processing lab, including a Dualpak Briquetter for testing customer's materials. The lab system includes both a standard hopper and live bottom hopper.

## 24-7 Technical Support



## Performance Guarantee

PRAB is dedicated to building robust equipment that meets the demanding needs of metalworking and manufacturing operations. We handle every aspect of customer care with zero outsourcing and a 100% operational guarantee, known as the PRAB Performantee®.

## Contact Us

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