Premium Briquetters

Hydraulic briquetting press to reduce chip volume and add value to machining waste while reclaiming cutting fluids.

Provides space savings in a variety of materials including aluminum, titanium, copper, brass, steel and other metals.

FEATURES

- Feed screw with hydraulic drive
- Treated tooling
- Small floor footprint
- Minimal maintenance required
- High briquetting pressures
- Hopper level sensor
- Automatic start and stop via laser detection in hopper
- Siemens automation via touch screen

O Optional • Standard	PM2	PM2H	PM3	PM3H	PMT
Position of the Mixer	O	O	O	O	O
High Pressure (THP)	O		O	O	•
Increased Speed (SV)	O		O	O	
Hopper Level Sensor	•	•	•	•	•
Visual Alarm	O	O	O	O	O
On Board Electrical Cabinet	O	O			
Automation with Touch Screen	•	•	•	•	•
Pump and Lifting Tub	•	•	•	•	•
Cooler	•	•	•	•	•
Independent Hydraulic Group	O	O	•	•	•
Oil Level	•	•	•	•	•
Return and Air Filter	•	•	•	•	•

BENEFITS

- Create briquettes for direct use in remelting
- Reduced disposal, transportation and storage costs
- Compact system
- Designed for continuous use
- Reuse and recycling of cutting fluid/oils
- Highly effective for steel, aluminum, titanium, grinding sludges, brass, cast iron, and more
- Rapid return on investment
- Briquettes are often preferred by recyclers, increasing the value of briquetted chips.

APPLICATIONS

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

HOW IT WORKS

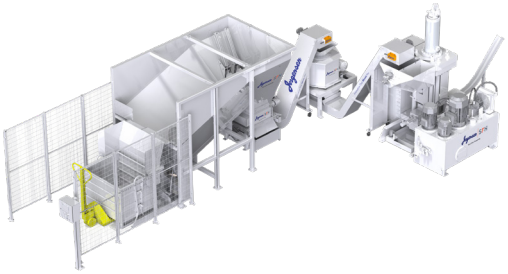
1. Chips or swarf enter the compactor at the hopper where a screw feeds the compacting chamber.
2. The compacting chamber uses hydraulic pressure to condense the chips, pushing out the majority of the cutting fluid in the chips.
3. Once chips reach the desired compacted size they are discharged out of the compacting chamber and onto the discharge chute. As the briquettes build up they push up the discharge chute and drop into a catch container or conveyor.

MODEL SPECIFICATIONS

		PM2		PM2H	PM3		PM3H		PMT
		60T	80T	60T	150T	200T	150T	200T	250T
Size of Briquettes (in.)		2.75		2.75	3.55		4.7		2.75
Capacity Max (lbs / hr)	Steel	385		660	1,545		2,645		
	Aluminum	155		245	615		1,100		
	Sludges	≤ 155			≤ 395				
	Titanium	155			615				245
Effort of Briquetting (lbs / in²)		22,175	29,570	29,570	33,555	44,720	18,860	25,145	92,395
Engine Power (KW)		7.5	11.5	11	37.5	41	41		41
Briquetting Pressure (PSI)		4,350	5,800	4,350	4,350	5,800	4,350	5,800	5,800
Hydraulic Tank Volume (Gal)		52.85	52.85	79.25	264.15		264.15		264.15
Machine Dimensions (in.)		157.5 x 39.4 x 74.8		157.5 x 39.4 x 108.25	161.4 x 98.4 x 122		161.4 x 98.4 x 143.7		161.4 x 100.4 x 130
Machine Weight (lbs)		3,635		4,190	11,240		11,795		12,785
Client in charge of									

The size of the briquettes and the capacity of the machine 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.

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