

Ludman Briquette Press

Robust Construction - Large Format - Greater Throughput Briquette Presses

Ludman Industries **large format** briquette press is a rugged machine designed specifically for briquetting operations that require high pressures. Ludman Industries has produced briquetting machines for over 40 years and has the capabilities to design, develop and manufacture the equipment to meet your specific needs. Ludman Industries proven designs and robust construction tailored to your needs provides a dependable source for a variety of briquette shapes and sizes.

Ludman Industries has the ability to perform custom testing and assist in determining the most appropriate binders, pressures and treatments to meet your system needs. We personally design to meet your exact needs helping your company create a complete briquetting or compacting system.

Ludman's Force-feed type, variable speed feeders provide a means of metering de-aerating and pre-compacting material as it is fed into the nip zone. Adjustable roll force and variable roll speed can be maintained during full load operation. Roll adjustments allow for precise orientation of briquette cavities.

Typical Material Applications:

Clay	DMT	Carbon Materials	Quick lime (CaO)
Coal	Salt	Malcic Anhydride	Water Treatment Chemicals
Coke	Sodium Cyanide	Metal powders	other Chemicals and Ores.
Charcoal	Sodium Chloride	Metal Oxides	

Model #4034



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Large Format Presses

Your World Leader in Total Process Solutions Technology



Ludman Industries large format briquette presses are extremely versatile and dependable machines designed specifically for briquetting operations requiring moderate to high pressures while optimizing production rates. These machines provide a greater throughput based on machine size and are capable of handling any number of materials. They feature roll shafts which are supported by bearings on both sides of the roll. These roll shafts are capable of handling wide rolls for binder briquetting such materials as coal, charcoal, metal oxides and binderless briquetting of sodium cyanide, DMT, sodium chloride, as well as numerous other chemicals and ores.

The Ludman Briquetting Process

Briquetting is the transformation of a powdery or granular material into a larger more convenient size solid product. This is accomplished by compacting the material with a roller press, sometimes in the presence of a binding material. The briquettes can be produced with high or low pressure and can undergo mechanical or thermal treatment according to the characteristics of the processed material.

Roll Design:

Ludman Briquetters solid or 2 piece roll design for easy roll replacement and vertical feed design that provides for either screw feed or gravity feed options. The Ludman Industries briquetter roll pocket design is capable of producing briquette shapes from small less than 1" size briquettes to large 6" wide briquettes depending on the shape and size of briquette your process requires.

Roll Briquette Available Options:

Specialized Horizontal Roll Removal System • Pocket Size • Shapes and Finish • Drive Design • Force Feeders
Auto Motion Controls • Special Roll Material and Surfaces.

Briquetter Available Model #'s

Model #	Roll Dimensions		Maximum Roll Separating Force (tons)	Approx. Dimensions (inches)			Approx. Weight of Bare Mill (lbs.)	Horsepower Recommended
	Diameter	Length		A	B*	C**		
1208	12	8	50	4'5"	3'2"	2'7"	4,800	50-75
2408	24	8	80	7'1"	3'8"	9'9"	12,000	75-125
2812	28	12	150	7'1"	4'10"	11'1"	16,500	150-250
2820	28	20	300	7'11"	6'4"	11'1"	36,500	350-450
3624	36	24	450	10'11"	8'1"	13'5"	67,000	500-700
4034	40	34	800	11'9"	11'4"	19'4"	131,000	800-1200

*Less speed reducer, couplings, motor and V-belt drive.

**Less feed hopper and feeder.

Ask your Ludman professional for more information regarding your briquetting needs at sales@ludman.net.

