




Biomass Briquette Systems, LLC™
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Biomass Briquette Systems briquette presses convert wood chips and various types of biomass material into a useable fuel source.



For more information please contact us at 877.474.5521

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REVISED: JUNE 2009
 MANUFACTURER RESERVES THE RIGHT TO MAKE IMPROVEMENTS AND CHANGES AS NEEDED.
 ALL BIOMASS BRIQUETTE SYSTEMS MACHINERY COMES WITH A "LIMITED 1-YEAR PARTS WARRANTY".



REPRESENTED/DISTRIBUTED BY:

If you would like to buy or sell briquettes you can visit www.buyandsellbriquettes.com

FOR MORE INFORMATION ON OUR MACHINERY, PLEASE VISIT WWW.BIOMASSBRIQUETTESYSTEMS.COM OR CALL 877.474.5521

What is Biomass?

Biomass is any organic material made from plants or animals. For more information please visit our web site at www.biomassbriquettesystems.com

Advantages of briquetting your waste material:

1. Converts waste into a valuable heating source for colder climates. Reducing or eliminating high monthly heating bills.
2. Cost savings management of wood waste material by reducing the volume of waste to be handled—Thus reducing labor time and fees for removal and disposal.
3. Briquettes can be used as an additional profit source, selling them as a solid fuel source—Increasing company profitability and providing a quick ROI for the initial investment. For more information visit www.buyandsellbriquettes.com.
4. Compared to pellets, briquettes offer a more affordable solution when comparing initial capital costs and maintenance of machinery. Thus making the cost per ton less than pellets and making the decision to purchase briquette machinery more attractive to a greater number of individuals and companies.
5. Effectively helps with compliance of local regulations mandating reduction of solid waste.

Biomass Briquette Systems machinery is sold and serviced in the USA by our manufacturing representatives/distributors and service network. System design is also available. Call for information.

Additional products offered by Biomass Briquette Systems Include: Conveyors, Augers, Dryers, Grinders, Pellet Mills, Furnaces and Boilers. For more info visit www.BiomassBriquetteSystems.com

Automatic Hydraulic Briquette Press BP-100

MODEL	BP-100
TANK CAPACITY	40" (1016mm) Diameter x 36" (914mm) Height
MAXIMUM VOLUME OF MATERIAL	28 Cubic Feet--7928 Cubic Meters
BRIQUETTE SIZE	2" (50.8mm) Diameter--1/2"-5" (12.7mm--127mm) Length
HYDRAULIC PUMP MOTOR	7.5 HP
MACHINE SIZE	66" (1676mm) L x 44" (1117mm) W x 59" (1499mm) H
NET WEIGHT	1500 lbs--680kg
OUTPUT VOLUME	100--140lbs (45kg--63kg) / Hour

Pictured below is the BP-100. Output volume can vary depending upon material and moisture content.



Automatic Mechanical Briquette Press BP-1500

MODEL	BP-1500
BRIQUETTE SIZE	2" (50.8mm) Diameter--1/2"-5" (12.7mm--127mm) Length
MAIN MOTOR	60 HP
APPROXIMATE WEIGHT	9000 lbs--4083kg
CONTROL SYSTEM	PLC--Touch Screen
CENTRAL LUBRICATION & COOLING	Crosshead/bearing and refrigerated cooling
DIMENSIONS	156" x 49" x 72" --(3963mm x 1245mm x 1829mm)
OUTPUT VOLUME	1200-1500lbs (544kg-680kg) / Hour

Larger mechanical models are available. Output volume can vary depending upon material and moisture content.



To view a video of the briquette machines, visit www.biomassbriquettesystems.com

VHM Series Grinders

VHM Series Grinders--2 through 40 HP Models
VHM Series Grinders--75 through 100 HP Models

The VHM Series of grinders are built tough and are specifically designed and engineered to grind biomass materials. These grinders use unique rotary knives that will grind wood, construction debris and most agricultural materials. They work in combination with the other Biomass Briquette Systems products to streamline the material handling process when briquetting solid fuels.

MODEL	VHM-2	VHM-5	VHM-10	VHM-15	VHM-25	VHM-40	VHM-75	VHM-100
POWER (HP)	1-2	3-5	7.5-10	10-15	20-25	2-40	50-75	75-100
ENTRANCE CAPACITY (LXW)	5.9 X 4.75" 150 X 120MM	7.9 X 9.45" 200 X 240MM	11.8 X 9.45" 300 X 240MM	15.75 X 9.45" 400 X 240MM	17.7 X 12.6" 450 X 320MM	19.7 X 13.8" 500 X 350MM	29.5 X 19.7" 750 X 500MM	39.4 X 23.6" 1000 X 600MM
ROTATING DIAMETER	4.75"--120MM	9.45"--240MM	9.45"--240MM	9.45"--240MM	14.95"--380MM	14.95"--380MM	18.9"--480MM	18.9"--480MM
R.P.M.	280/380	280/380	380/420	420	560	560	560	560
ROTARY CUTTER	3	3	3	6	6	6	9	12
STATIONARY CUTTER	2	2	2	2	2	2	2	2
MACHINE WEIGHT (LBS/KGS)	232/105	585/265	750/340	1235/560	2073/940	2580/1170	5071/2300	6063/2750
MACHINE SIZE (LXWXH)	26"X15.4"X 30.7"/660X 390X780MM	34.3"X19.3"X 44.9"/870X 490X1140MM	47.2"X26.8"X 49.2"/1200X 680X1250MM	55.1"X29.9"X 59.9"/1400X 760X1520MM	63.8"X41.3"X 70.8"/1620X 1050X1620MM	79.9"X40.9"X 70.8"/2030X 1040X1800MM	85.8"X59"X 95.7"/2180X 1500X2430MM	94.5"X74.8"X 98.4"/2400X 1900X2500MM
MACHINE OUTPUT--PER HOUR	220--330LBS/ 100--150KGS	265--440LBS/ 120--200KGS	396--617LBS/ 180--280KGS	661--881LBS/ 300--400KGS	1102--2204LBS/ 500--1000KGS	1102--2645LBS/ 500--1200KGS	1984--3527LBS/ 900--1600KGS	2204--3968LBS/ 1000--1800KGS
ELECTRICAL	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*

Machine output can vary by screen size and material. Custom modifications are available.

*Other electrical specifications are available



VHMC Series Grinders

VHMC Series Grinders--2 through 40 HP Models
Shown with optional blower and silo

VHMC Series Grinders--75 through 100 HP Models

The VHMC Series of grinders are built tough like their counterpart VHM grinders, in addition they include sound absorbing CE features which make them suitable for indoor applications. These grinders use unique rotary knives that will grind wood, construction debris and most agricultural materials. They work in combination with the other Biomass Briquette Systems products to streamline the material handling process when briquetting solid fuels.

MODEL	VHMC-2	VHMC-5	VHMC-10	VHMC-15	VHMC-25	VHMC-40	VHMC-75	VHMC-100
POWER (HP)	1-2	3-5	7.5-10	10-15	20-25	2-40	50-75	75-100
ENTRANCE CAPACITY(LXW)	5.9 X 4.75" 150 X 120MM	7.9 X 9.45" 200 X 240MM	11.8 X 9.45" 300 X 240MM	15.75 X 9.45" 400 X 240MM	17.7 X 12.6" 450 X 320MM	19.7 X 13.8" 500 X 350MM	29.5 X 19.7" 750 X 500MM	39.4 X 23.6" 1000 X 600MM
ROTATING DIAMETER	4.75"--120MM	9.45"--240MM	9.45"--240MM	9.45"--240MM	14.95"--380MM	14.95"--380MM	18.9"--480MM	18.9"--480MM
R.P.M.	280/380	280/380	380/420	420	560	560	560	560
ROTARY CUTTER	3	3	3	6	6	6	9	12
STATIONARY CUTTER	2	2	2	2	2	2	2	2
MACHINE WEIGHT (LBS/KGS)	330/150	881/400	1190/540	1433/650	2513/1140	3086/1400	5732/2600	6834/3100
MACHINE SIZE (LXWXH)	26.8"X15.7"X 51.2"/ 680X 400X1300MM	39"X29.9"X 45.7"/990X 760X1160MM	55.1"X47.2"X 58.3"/1400X 1200X1480MM	65.8"X55.1"X 70.8"/1670X 1400X1800MM	72.8"X52.4"X 76.8"/1850X 1330X1950MM	85.8"X51.6"X 83"/2180X 1310X2110MM	106.3"X59"X 110.2"/2700X 1500X2800MM	110.2"X80.7"X 114.2"/2800X 2050X2900MM
MACHINE OUTPUT--PER HOUR	220--330LBS/ 100--150KGS	265--440LBS/ 120--200KGS	396--617LBS/ 180--280KGS	661--881LBS/ 300--400KGS	1102--2204LBS/ 500--1000KGS	1102--2645LBS/ 500--1200KGS	1984--3527LBS/ 900--1600KGS	2204--3968LBS/ 1000--1800KGS
ELECTRICAL	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*	230/3/60*

Machine output can vary by screen size and material. Custom modifications are available.

*Other electrical specifications are available



VG Series Grinders

VG-20: 16" 20HP Grinder
VG-30: 26" 30HP Grinder
VG-50: 41" 50HP Grinder



SPECIFICATIONS	VG-20	VG-30	VG-50
Entrance Capacity (L x W)	16" X 12"	26" X 12"	41" X 12"
Rotary Cutter (Sets)	6	6	12
Stationary Cutter (Sets)	4	4	4
Busting Capacity at 1/2" Chip (LBS/Hour)	900 ~ 1500	1300 ~ 2600	1300 ~ 4000
Finish Chip Size	3/4" (or other size)	3/4" (or other size)	3/4" (or other size)
Main Motor	20 HP	30 HP	50 HP
Machine Size (L x W x H)	64" x 24" x 68"	82" x 52" x 79"	90" x 70" x 98"
Net Weight	2700 LBS	3800 LBS	6600 LBS

Machine output can vary by screen size and material. Custom modifications are available.

BB & BS Series Conveyors

Biomass Briquette Systems offers three types of material transfer methods. The first method is a belt conveyor that is used primarily for feeding larger amounts of material to our material storage/metering silo's. The second method is a screw conveyor method that is primarily used for moving consistent amounts of material to our briquetting machines. The third method is our blower system, which will transfer material from our grinders to the material storage/metering silo's.

Biomass Briquette Systems distributors/representatives will recommend specific material transfer methods based upon the needs and requirements of the project. Our larger systems have the material transfer systems integrated into the main control panels using PLC technology.



BBC-101 Belt Conveyor



BBC-102 Belt Conveyor



BSC-101 Screw Conveyor

SMS-101 Storage/ Metering Silo

Storage & Metering Silo
Model SMS-101

Available in several capacity ranges from 220lbs to 2200 lbs



SMS-102 Storage/ Metering Silo

Storage & Metering Silo
(Shown with blower unit)
Model SMS-102

Available in several capacity ranges from 220lbs to 2200 lbs



MODEL	BBC-101	BBC-102	BSC-101
OVERALL LENGTH	214"	60"	BELT
OVERALL WIDTH	130"	48"	BELT
TYPE	144"	48"	SCREW

Other sizes & models are available, please consult your local sales representative/distributor for more information.