

### GCBA Series Biomass Briquette Machine



<b>Model</b>	<b>GCBA-I</b>
<b>Output capacity kg/h</b>	180-210 kg/h
<b>Motor Power (kw)</b>	15kw
<b>Electric heater (kw)</b>	6kw
<b>Size of briquettes</b>	Dia.50mm
<b>Size of inside hole</b>	Dia.16mm
<b>Density of briquettes</b>	1.3 g/cm <sup>3</sup>
<b>Weight(kg)</b>	585kg
<b>Warranty</b>	12 Months
<b>Overall dimension(mm)</b>	1700*750*1280 mm



<b>Model</b>	<b>GCBA-II</b>
<b>Output kg/h</b>	300~350 kg/h
<b>Motor Power (kw)</b>	22 kW
<b>Electric heater (kw)</b>	9 kw
<b>Size of briquettes</b>	Dia.70mm
<b>Size of inside hole</b>	Dia.20mm
<b>Density of briquettes</b>	1.3 g/cm <sup>3</sup>
<b>Weight(kg)</b>	1300 kg
<b>Overall dimension(mm)</b>	1960*880*1620 mm
<b>Warranty</b>	12 Months

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Briquetting Equipment Manufacturer & Supplier

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### GCBC Series Biomass Briquette Machine



<b>Model</b>	<b>GCBC- I</b>
<b>Output capacity kg/h</b>	180-210
<b>Motor Power (kw)</b>	15
<b>Electric heater (kw)</b>	2.2kw*2
<b>Life of the inner former</b>	1-2years
<b>Size of briquettes</b>	Dia.50mm*L.480mm
<b>Size of inside hole</b>	Dia.16mm
<b>Density of briquettes</b>	1.3 g/cm3
<b>Weight(kg)</b>	700kg
<b>Overall dimension(mm)</b>	2700*600*1600 mm



<b>Model</b>	<b>GCBC-II</b>
<b>Output capacity kg/h</b>	300-350
<b>Motor Power (kw)</b>	18.5kw
<b>Electric heater (kw)</b>	2.2kw×2
<b>Life of the inner former</b>	1-2years
<b>Size of briquettes</b>	Dia.60mm*L.500mm
<b>Size of inside hole</b>	Dia.16mm
<b>Density of briquettes</b>	1.3 g/cm3

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<b>Weight(kg)</b>	1000kg
<b>Overall dimension(mm)</b>	2000*600*1700 mm

**Mechanical Stamping Briquette Machine(Screw Conveyor)**



Model	Output (kg/h)	Main Engine Size (mm)	Weight (kg)	Total Power (kw)	Finished Fuel Rod's Diameter (mm)
GC-MBP-500	500	3200*1500*1500	4000	35	φ50
GC-MBP-1000	1000	2500*2040*1740	7000	61	φ70/φ22/φ10/φ8

**Mechanical Stamping Briquette Machine(Belt Conveyor)**



Model	Output (kg/h)	Main Engine Size (mm)	Weight (kg)	Total Power (kw)	Finished Fuel Rod's Diameter (mm)
GC-MBP-500	500	3200*1500*1500	4500	35	φ50
GC-MBP-1000	1000	3500*1800*1700	7000	61	φ70/φ22/φ10/φ8

**Production of Moulds with Different Pore Size**

Mould (Pore Size)	8mm	10mm	22mm	30mm	70mm
Hole Number	61	37	7	4	1
capacity (kg)	950 kg	900 kg	820 kg	880 kg	1200 kg

(Material is sawdust with moisture15%)

### Hydraulic Briquette Machine



Type	Power(KW)	Capacity(Kg/H)	Dimension(mm)	Weight(Kg)
GC-HBP 60	5.5	60	1470x1480x600	650
GC-HBP 125	7.5	125	1470x1480x700	1100
GC-HBP 250	11	250	1800x1600x2000	2800
GC-HBP 350	22	350	1800x1900x2100	3500
GC-HBP 500	37	500	2000x2000x2100	4200
GC-HBP 1000	55	1000	2700x2300x2100	6000

### Crusher



<b>Model GC-FSD-D</b>	<b>BFSD-D Grinder Crusher with Diesel Engine</b> (For raw wood moisture max. 40%)
<b>Capacity (kg/h)</b>	300-500
<b>Diameter of Feeding Material</b>	Not more than 150mm
<b>Size of Crushed Material</b>	Max. Ø5x5mm
<b>Diesel Engine</b>	15/18HP
<b>Gross/Net Weight</b>	600/550kg

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Model No.	GC-FSD400	GC-FSD600	GC-FSD800	GC-FSD1000
Cutting diameter (mm)	400	600	800	950
No. of cutting blades	4	4	6	4-6
Length of cutting blades(mm)	95	200	240	300
Feeding Diameter(mm)	150*150	200*230	250*300	400*500
Main shaft speed (r/min)	2600	2600	3500	2000
Power (kW)	11	15	30	45
Capacity(kg/h)	300-500	600-700	800-1200	1800-2000
Dimension (meter)	1.1*0.7*0.95	1.5*0.8*1.2	2.1*1.1*1.4	2.1*1.2*1.6
Weight (kg)	350	400	1000	



<b>Model</b>	<b>Hammer mill with Electric Motor</b>
<b>GC-FSC</b>	(for wood chip / tree trimmings/ wheat straw / plant stalk etc)
<b>Capacity (kg/h)</b>	500-700
<b>Moisture of Feeding Material</b>	Moisture max 20- 25%
<b>Size of Feeding Material</b>	Max. diameter 30mm
<b>Final Size After Milling</b>	Max. length 300mm for wood materials
<b>Gross/Net Weight</b>	Ø5×5mm
	750/800kg

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<b>Motor</b>	18.5kw
<b>Overall Dimension (mm)</b>	1700*1150*1200
<b>Dimension (mm)</b>	Cyclone (2400*800*800)



<b>Model</b>	<b>Hammer mill with Diesel Engine</b>
<b>GC-FSC-D</b>	(for wood chip / tree trimmings/ wheat straw / plant stalk etc)
<b>Capacity (kg/h)</b>	500-700
<b>Moisture of Feeding Material</b>	Moisture max 20- 25%
<b>Size of Feeding Material</b>	Max. diameter 30mm
<b>Final Size After Milling</b>	Max. length 300mm for wood materials
<b>Diesel Engine</b>	Ø5×5mm
	22 HP

**Dryer**



**Dryer Model GC-QL-I for Lower Moisture Content 12-25%**

<b>Model</b>	<b>GC-QL-I-4</b>	<b>GC-QL-I-5.5</b>	<b>GC-QL-I-7.5</b>
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<b>Capacity(Kg/hour)</b>	200-250KG	400-500KG	500-700KG
<b>Size of Input Material (Diameter)</b>	< 3mm & < 5mm	< 3mm & < 5mm	< 3mm & < 5mm
<b>Temperature of Hot Air</b>	180°C~250°C	180°C~250°C	180°C~250°C
<b>Consumption of Wood Waste</b>	15-20 kg/h	25-30kg/h	30-35kg/h
<b>Power (Centrifugal Fan)</b>	4kw	5.5kw+1.5kw	7.5kw/11kw+1.5kw
<b>Net/Gross Weight</b>	700/800kg	1200/1300kg	1800/1900kg
<b>Dimension(m)</b>	6×2×3.65m	9×2×3.65m	11×2×3.65m



Rotary Drum Type Flash Drier Machine for Moisture of 20-65%

<b>Model</b>	<b>GC-MXΦ0.6×5</b>
<b>Output Capacity(Kg/hour)</b>	800-1000KG
<b>Size of Input Material(Diameter)</b>	< 3mm & < 5mm
<b>Temperature of Hot Air</b>	180°C~250°C
<b>Moisture of raw material</b>	40%~70%
<b>Consumption of Wood Waste</b>	20-30 kg/h
<b>Power</b>	7.5 kw
<b>Size of rotary</b>	Diameter 630mm *L 5200mm
<b>Net/Gross Weight</b>	2500/2600 kg
<b>Installation Dimension(m)</b>	14*1.2*4.2 m
<b>Loading in container</b>	1* 20'GP



Twin Boiler Dryer Model GC-QL-II for Higher Moisture Content 20-50%

<b>Model</b>	<b>GC-QL-II-7.5</b>	<b>GC-QL-II-11</b>	<b>GC-QL-II-15</b>
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<b>Capacity(Kg/hour)</b>	400-500KG	500-700KG	900-1000KG
<b>Size of Input Material (Diameter)</b>	< 3mm & < 5mm	< 3mm & < 5mm	< 3mm & < 5mm
<b>Temperature of Hot Air</b>	180°C~250°C	180°C~250°C	180°C~250°C
<b>Consumption of Wood Waste</b>	60kg/h	100kg/h	150kg/h
<b>Moister content max %</b>	20-50%	20-50%	20-50%
<b>Moisture of material after drying</b>	8-12%	8-12%	8-12%
<b>Power (Air Fan+Air Lock+ speed adjustable feed motor)</b>	7.5kw+0.75kw +0.75kw	11kw+0.75kw +0.75kw	15kw+0.75kw+0.75kw
<b>Net/Gross Weight</b>	2040/2260kg	2850/3080kg	2850/3080kg
<b>Overall dimension(L*W*H)</b>	9m*2.4m*4m	9m*3.2m*4m	9.5m*3.8m*4.5m
<b>Packing size</b>	11 M3(3 cases)	14 M3(3 cases)	18 M3(3 cases)

**Belt Conveyor**



**Screw Conveyor**



<b>Model</b>	<b>GC-LXSSJ</b>	<b>GC-PDSSJ</b>
<b>Power (kW)</b>	1.5	3
<b>Capacity (kg/h)</b>	Adjustable	Adjustable
<b>Size (m)</b>	4.3×0.56×0.5	2.11×0.91×0.7
<b>Weight (kg)</b>	130	



## Packing Machine



<b>Voltage</b>	<b>220V</b>
<b>Max Power</b>	5kw
<b>Max Packaging Size</b>	W×H (400×200) c
<b>Loading Weight</b>	5kg
<b>Conveying Speed</b>	0-10m/min
<b>Size of The Profile</b>	L×H×W (1200×630×520) cm
<b>Weight</b>	60kg

## Contact Us

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