

Introduction of charcoal briquette machine

Charcoal briquette machine is designed to make briquettes and charcoal from dry sawdust, the final briquettes density is very high and burn time is long, which good fuel for heating and cooking. If use carbonization machine to carbonize the briquettes can get barbecue charcoal, which is good fuel for barbecue and cooking.



Briquettes

barbecue charcoal

The charcoal briquette machine is made up of motor, electric panel, reducer, feeding chute, spiral, shaping mold, thermocouple and heating ring. The spiral is inside the shaping mold and keeping rotating after machine start, the heating ring is outside of the shaping ring, sawdust feed into feeding chute, the spiral press the sawdust into shaping mold, with the heating ring increase the temperature, sawdust compress from shaping mold to get briquettes.

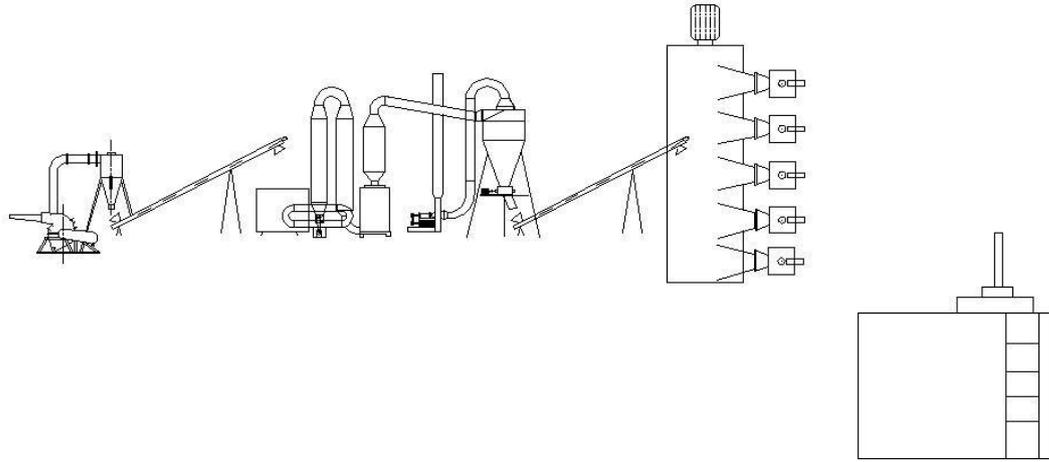
Briquette machine technical data

Model	MT50	MT80
Capacity	150-200 kg/h	300-400 kg/h
Power	15Kw three phase	22Kw three phase
Heating ring power	3Kw*3	3Kw*3
Final briquette diameter	50 mm	80mm
Final briquette length	Adjustable	Adjustable
Final briquette density	1100-1400kg/m ³	1100-1400kg/m ³
Raw material moisture	8-12%	8-12%
Raw material size	3-5mm	<3
Package size	1500*600*1600 mm	1850*650*1300 mm
Gross weight	560 Kg	750 Kg

Note: if you produce barbecue charcoal, the best model is MT50, because usually the 50mm diameter charcoal is the most popular.

Charcoal briquette production line

If dry sawdust is not available, we have charcoal briquette line to make your dream come true to produce briquette or barbecue charcoal.



The charcoal briquette line include wood crusher to crush the wood material <3mm size, the flash dryer to dry the moisture of sawdust to 8-12%, then use briquette machine to make briquette, finally use carbonization machine to get charcoal from briquettes. If you only produce briquettes do not need turn briquettes into charcoal, the carbonization machine is no needed. We have solution for charcoal briquette line with different capacity as your requirement. Below is a flowchart of charcoal briquette line of 1t/h (from 1000kg briquettes after carbonization can get about 350kg barbecue charcoal)

No.	Machine name	Model	Motor power	Quantity
1	Wood crusher	DCS800	30Kw	1
2	Screw conveyoyr	TS20	2.2Kw	1
3	Flash dryer	QL40	15Kw	1
4	Screw conveyoyr	TS20	2.2Kw	1
5	Sawdust separation auger	LS25	4Kw	1
6	Briquette machine	MT50	15kKw	5
7	Mesh conveyoyr	TSM50	2.2Kw	1
8	Carbonization machine	TH4.0	3Kw	1



Air-flow type carbonization machine



self-ignite type carbonization machine



Small briquette line