

## Wood chips hammer mill

The wood chips hammer mill is designed to grind wood chips, small wood blocks, wasted wood into sawdust, it is widely used in wood pellet plant, briquette production line, wood powder making, paper making and furniture factory.

The machine is made up of feeding chute, rotor, hammers, sieve, blower, cyclone, airlock and transmission system. Transmission system of this machine is the motor, V-belt and belt pulley. Under transmission of motor, the rotor is rotating with a speed of 2500-3000rpm, when wood chips feed into the grinding chamber the hammers on the rotor will beat the wood chips until turn the wood chips to sawdust, the sawdust go out from the hole of sieve, so the size of the hole on the sieve decide the final sawdust size.

The wood chips hammer mill is quite easy to install and operate, the whole unit is controlled by electric panel which can protect motor from overload.

The wood chips hammer mill equipped with blower, cyclone, airlock and bag type de-duster, these parts make a de-dust system for the hammer mill, during wood chips hammer mill working, the sawdust will be collected from the cyclone, all the dust will go to bag type de-duster, thus to reduce the ash fly during grinding.

The feeding chute of the hammer mill can equip with a belt conveyor to feeding the wood chips, thus to reduce workload for workers.



Wood chips hammer mill technical data:

Model	Main motor	Capacity	Hammer quantity	Dimension	Weight
SP500-40	22kw	600-800kg/h	32 pcs	1450x780x1200mm	780kg
SP500-50	30kw	1-1.5t/h	44 pcs	1650x850x1350mm	950kg
SP600-60	45kw	1.5-2t/h	56 pcs	1750x900x1500mm	1300kg
SP600-80	55kw	2-2.5t/h	72 pcs	1850x1450x1600mm	2100kg
SP800-80	75+7.5kw	2.5-3.5t/h	80 pcs	2050x1650x1700mm	2850kg
SP800-120	110+15kw	3.5-4.5t/h	180 pcs	2150x1750x1800mm	3500kg
SP800-150	132+15kw	4.5-5.5t/h	240 pcs	2300x1900x2000mm	4200kg



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sawdust