

Drum wood chipper usage

Drum wood chipper is an ideal equipment to make chips with large capacity and good quality. The drum wood chipper is widely used in particle board industry, fiber board industry, paper making industry, pellet production industry, fuel of electricity industry and furnace., etc. It is one basic machine in [wood pellet line](#).

Raw material for drum wood chipper machine can be wood logs, stump, tree branches, shrub, bamboo, wood waste of cutting trees, cotton branches and other fiber stem.

Apart from drum wood chipper we also have [disc wood chipper](#) for your choice.

Drum wood chipper structure

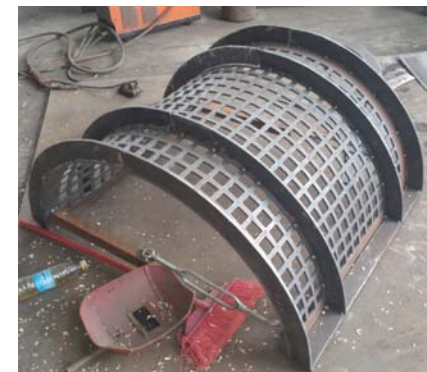
This machine is made up of machine base, feeding conveyor, feeding roller, knife roller, cutting blades, hydraulic pressure system, sieve, discharge conveyor and electric panel.



Drum wood chipper feeding roller



drum wood chipper blades roller



drum wood chipper sieve

The machine base use high strength steel, which is the supporting of the foundation. The feeding roller can fluctuate in a certain range with the help of hydraulic system according to the thickness and diameter of different raw materials. The knife roller equips flying blades and stable blade to cut the materials. The qualified chips falls through the hole of sieve, and the big pieces can not come thought there, so they will be chipped again to be qualified. The feeding conveyor and discharge conveyor helps the feeding of raw material and discharge of final chips from the machine. The electric panel equipped with ampere meter, voltmeter, thermal overload protection system to make the machine easier to operate and protect the motor.

Drum wood chipper features

1. Conveyor system makes the feeding of wood and discharge of chips easier, labor saving
2. Big width of feeding inlet adopt hydraulic system, suitable for big diameter wood and irregular shape wood
3. High processing ability
4. Easy maintain



Wood logs



final chips

Drum wood chipper technical data

Model:	BX215	BX216	BX218	BX2110
Capacity	5-8 T/h	8-12 T/h	10-20 T/h	15-25 T/h
Stable knife quantity	2	2	2	2
Main motor power	45 Kw	55 Kw	110 Kw	160 Kw
Feeding roller power	2.2 Kw	3 Kw	4 Kw	7.5 Kw
Knife-cylinder Diameter	500 mm	600 mm	800 mm	1000 mm
Fly knife quantity	4	4	4	4
Rotating Speed of Cutter	590 rpm	590 rpm	650 rpm	500 rpm
Inlet feeding mouth size	160*400 mm	230*500 mm	300*680 mm	450*750 mm
Feeding speed	38 m/min	38 m/min	38 m/min	38 m/min
Max process wood diameter	160 mm	200 mm	300 mm	420 mm
Final chips size	20-35mm	20-35mm	20-35mm	20-35mm
Feeding conveyor length	6 meters	6 meters	8 meters	8 meters
Feeding conveyor motor	2.2 Kw	4 Kw	4 Kw	11 Kw
Discharging conveyor length	10 meters	10 meters	10 meters	10 meters
Discharging conveyor motor	2.2 Kw	3 Kw	5.5 Kw	5.5 Kw

Net weight	2990 Kg	4070 Kg	7200 Kg	12500 Kg
Main body dimension	1540*1240*1020mm	1980*1950*1250mm	2300*2150*1500mm	3885*2448*2050mm
Electric panel	Include	Include	Include	Include

How to choose a drum wood chipper

The best and easiest way to choose a suitable drum wood chipper is to consider the biggest wood diameter you want to process, since different model have limit on the max process wood diameter. The second step is consider the capacity you want.