



Daliang

ZQF-B/C Type Leaf & Branch Chipper / Shredder

User's Manual



ZQF-B



ZQF-C

Danyang Daliang Machinery Factory

ZQF-B/C Type Leaf & Branch Chipper / Shredder

I Brief Introduction of Purposes:

It is domestic initiative, perfect combination of hammer blade mill and ZQF-A Type Sawdust Chipper / Shredder, with functions of both machines, which makes the functions of the machine more powerful and application wider. Main purposes: slicing and smashing of wood, tree trunks, branches, straw, bamboo stumps, smashing of materials such as pieces of wood, small twigs, leaves, bark, bamboo poles, bamboo leaves, feed, chemical raw materials, etc. It is particularly applicable to orchards, plantations, landscaping departments. It can smash tree branches, trunks and leaves pruned from trees to use as fertilizer. It can be installed in the aircraft trolleys, or agricultural vehicles, with the driving force of the motor, diesel or gasoline engine, can also be mobile or sentinel smash. Smashing methods and materials after smashing see below pictures:

II Technical Parameters:

Model	ZQF-5025		ZQF-5050	
	5025B	5025C	5050B	5050C
Power (KW)	11~15	(11~15) +4	22	22+7.5
Rotational Speed of Principal	3000~3300		2800~3000	

Axis(r/min)				
Chipping blade (pcs)	2	2		
Hammer blade (pcs)	16	32		
Capacity(kg/h)	700~1000	1000~1500		
FeedingSize(Side) (mm)	180 *180	180*180		
Feeding (Above) Size(mm)	250*220	500*220		
Sieve types for election(mm)	Ø 0.8~Ø20 (the special can be customized, Ø3and lower need to use Type C)			
Packaging Dimension(mm) (including motor)	1600*800*1300	2000*900*1100	1600*1100*1300	2000*1200*1100
Weight of machine body (kg) (including motor)	400	600	550	700

Model	ZQF-6080	
	6080B	6080C
Power (KW)	30~37	(30~37) +11
Rotational Speed of Principal Axis(r/min)	2000	
Chipping blade (pcs)	2	
Hammer blade (pcs)	72	
Capacity(kg/h)	1200~2000	
FeedingSize(Side) (mm)	230 *200	
Feeding (Above) Size(mm)	800*300	
Sieve types for election(mm)	Ø4、Ø8、Ø12、Ø15、Ø20	
Packaging Dimension(mm) (including motor)	2400*1600*1450	2400*2200*1500
Weight of machine body (kg)	900	1100

(including motor)		
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III Use & Maintenance

1. As high-speed machine, large wallop, in order to avoid shock, require use feet screw and concrete pouring to fix, horizontal installation without loosening.
 - a) After working a certain period of time, if not swallow expected, should check whether fly cutters are sharp, and promptly grind. If cut dry or hard wood, grind blade angle relatively large, usually $30^{\circ} \sim 38^{\circ}$, and drip water in the feeding inlet to cool the blade, or blade is easy-damaged.
2. In operation, note that blocks and metals and others can not be feeded, feed equally. If overload resulted from very hard wood, should slow down speed, and continue normal feeding until rotational speed resumes.
3. Hammer piece is easy-damaged part, which would wear after using for a period of time, at that time it should be turned around for use. Replacing hammer piece, must replace all and maintain operational balance.
4. If any unusual sound in process, should stop feeding, cut off power and shutdown to check causes, so as to avoid damage to the internal parts.
5. The thickness of wood chips is mainly adjusted by blade and

polisher, If speed of principal axis do not meet the requirements, it may also make processed wood chips thicker.

IV Security Notes:

- 1、 Before using, must read user' s manual, check whether the shields installed, warning marker for risk on machine inlet, people should not be near to prevent accidents.
- 2、 Open the cover prior start, check whether the bolts connecting flying cutter on knife and hammer piece are tight, and then close the cover, tighten the bolt connecting the cover and under chassis before the start.
- 3、 The operator must wear safety helmets, safety masks and leather skirt, to prevent to be damaged by materials spattering from feeding inlet.
- 4、 When the machine is running, should not stand in the center of inlet and outlet, the operator should not stand in the direction of the center of feeding inlet, to prevent to be damaged by materials spattering from feeding inlet and outlet.
- 5、 The machine should not be used by minors and the elders who move slowly.
- 6、 The chip principal axis of the machine must be used at the specified speed, should not exceed the specified speed. .
- 7、 Bearings should be regularly infused butter. When bearings

are lack of butter and worn, can purchase bearings 6308 model to replace.

V Common Faults & Exclusion Methods:

Faults	Causes	Exclusion Methods
Bearing temperature over 55 °C	<ol style="list-style-type: none"> 1、Dunghill in bearings 2、Worn bearings 3、Butter lack 4、Over-tight triangle belt 5、Disqualified installation of bearing base 	<ol style="list-style-type: none"> 1、Clean bearings 2、Replace bearings 3、Add butter 4、Adjust strap as requirements 5、Replace diaqualified parts or reinstall
Production declines	<ol style="list-style-type: none"> 1、Worn blade 2、Rotational speed of principal axis do not meet requirement 3、Severely wornhammer piece 	<ol style="list-style-type: none"> 1、Grind blade in time 2、Adjust strap 3、Turm around or replace the hammer piece
Strong vibration on machine body	Rotor imbalance	<ol style="list-style-type: none"> 1、Replace the hammer piece 2、Fix the machine base well
Electrode fevers or power machine smokes	<ol style="list-style-type: none"> 1、Too fast swallowing 2、Sieve pore builds up 	<ol style="list-style-type: none"> 1、Stop feeding and continue feeing until recover to normal 2、Stop the machine and clear up the smasher
Abnormal beep	<ol style="list-style-type: none"> 1、Impurity in smashing room 2、Loose firmwarein the machine 	<ol style="list-style-type: none"> 1、Stop the machine and clear up impurity 2、Stop to check the machine and firm

Welcome users to choose, “Three Guarantees” for product quality.





Smashing effect pictures

VI Contact Us:

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