



Sunnytek Solar Sweden

Wood shredder for production of biomass fuel to boilers



HW-Shafts
The specialist for the rough stuff

Wood waste A1 - A4	FE light scrap
Roofstock	Alu light scrap
Domestic waste	Electronic scrap
Bulky waste	Railway sleepers
C & D waste	Cable drums

Sunnytek is happy to offer a wood shredder designed to produce fuel for boilers from wood waste of any kind. In comparison to wood chippers this system crush all into fragments suitable for a wood boiler as fire wood. If there are some gravel, nails and other contaminations it do not matter as it crush all to fragments.

In tea industry fuel is an issue of importance and wood is costly. Today's old style boilers can not use roots and branches in a simple way. If these parts are shredded they can be dried and used as valuable fuel. The fragments are so large they stay of fire bed and not pass through as smaller wood chips will do. 200-500 mm dimensions works in most old style marine boilers that are most common today.

System is normally portable and can easily be removed to site where material is feed on a conveyor direct to a truck in a simple way. Motor is a diesel engine or an optional electric motor.

There are different sizes from smaller to larger machines. They can be fixed at factory or moved around over large areas.

Root of trees is often 20-30% of biomass and branches about 10%. Here we offer 20-40% more fuel of trees.

Waste from houses and packing can also be shredded and used as fuel.



Final grade: approx. 200mm - 500mm
Single fracture - and cutting process
in one shaft rotation

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All Registered companies



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Drive power	770 FS	2 x 250 kW
Shredding shaft length	2500 mm	2500 mm
Shredding shaft diameter	870 mm	870 mm
Weight machine	42 t	38 t
Weight magnet	3 t	3 t
Weight track system	6 t	—
Speed track system	Stufe 1: 0-1 km/h Stufe 2: 0-2 km/h	
Dimensions (L x B x H)	9,2m x 3,0m x 3,2m	9,2m x 3,0m x 3,2m
CAPACITY AT *	LIRACO 95 DK	LIRACO 95 F
Wood waste	up to 140 t/h	up to 140 t/h
Metal scrap	up to 40-60 t/h	up to 40-60 t/h
Bulky & commercial waste	up to 30-720 t/h	up to 30-720 t/h
Biomass	up to 350 m ³ /h	up to 350 m ³ /h

Features of biomass shredder.

- * Use roots from trees in boilers shredded to suitable dimensions for marine boilers
- * Use branches of same trees and make fuel and in combination 20-40% more of a tree can be used in boilers
- * Use construction waste and not clean wood parts in large style fragments in the boiler
- * Moveable on tracks and can be transported easily to best location
- * Conveyor load fragments direct to trucks without labor force
- * European high quality brand with best reliability and longest life time



Sunnytek and partners are happy to assist to get best solution for wood production.

We also have new boiler solution and automatic wood feeders with door locks for doors to improve efficiency in boilers a lot.

Pls contact us or the local office and in Kenya Tealand engineering.



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