



## Professional shredder for wood-waste and green-waste. Gaining good reputation.

The SD 1430 is a time-tested, robust and strong shredder and knows its trade: a specialist with multiple talents which can always be deployed for any productive purpose. His strength lies in his efficient deployment for practical applications ... and he offers an unparalleled advantage in these days of fierce competition:

- ||||| Robust and time-tested technology for reliable and trouble-free functioning.
- ||||| Easy and self-explanatory operation.
- ||||| Intelligent control.
- ||||| Time-saving design for quick service and easy maintenance.
- ||||| Mobility and safety.

Neuson Ecotec has many years of experience and a lot of know-how in producing efficient special-purpose machines which optimize the working processes and thus make a lot of difference. Neuson Ecotec can offer one thing above all: complete professionalism. Right from consultation regarding the individual configuration up to service and conservation of value.

## Environmental and forestry machines for harvesting, composting, recycling and waste management in an efficient form.

Mechanical engineering with quality, performance and innovation for a sustainable use of raw materials, value and waste of all kinds ... This is the Neuson Ecotec mission. Principles that are consistently implemented for the benefit of customers in each machine:

- ||||| Stable, sturdy and yet movable design.
- ||||| Innovative hydraulic system and intelligent control.
- ||||| Ease of use and high security.
- ||||| Individual configurations for flexible deployment profiles.

Neuson Ecotec is a specialist in environmental equipment, from which man and the environment benefit alike. Already today, and with certainty also tomorrow.

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## Waste wood and green waste shredder SD 1430

The environmental machines.







**Efficiency generating money.**  
 Modern CAN bus control. The most robust equipment of its class. One of the finest examples of remote control. Serially placed material autopilot.

**Shredding in top form:** Value creation for economy and environment. Intelligent control and flexible deployment.

**Chopping without destroying and making a new material of quality out of it.** Ideal for shredding of waste wood for making particle boards and for biomass. Green waste and branch wastes are optimally recycled for composting.

**Neuson Ecotec factors:**

- IIIIII Tested CAN bus control with automatic detection of overload
- IIIIII Neuson Ecotec material auto pilot for load dependent power input
- IIIIII Extra-large feed chamber for efficient non-stop performance
- IIIIII Motor control and automatic cleaning of the cooling unit (standard)
- IIIIII Tested, roadworthy carrier with airbrake and ABS
- IIIIII The 3.5 or 5.0 meter long discharging transport belt can be equipped with a magnetic separator.



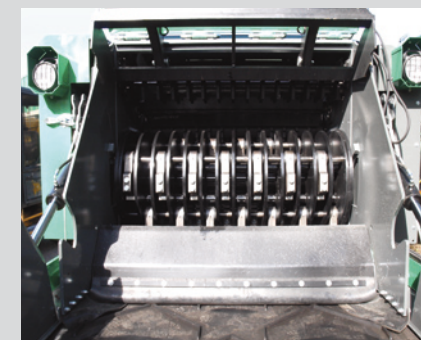
**CAN bus control for an efficient and secure system management.**  
 All at one glance and quick response options. Automatic detection of overload.



**Large feed chamber for constant material feeding.**  
 Ideal specifications for a non-stop productivity under all circumstances.



**Reduced tool wear and tear** thanks to the massive instruments in its shredder class. The easily replaceable mallet are equipped with hard metal plates.



**Extremely easy to service and maintain**  
 Only short dwell times and a daily inspection in a couple of minutes



**Highest level of efficiency**  
 Direct power transmission from motor through coupling to the flail bar



**Options which can increase the individual applications:**  
 – 5 meter long conveyer belt  
 – magnet above the conveyer belt for sorting of iron and other metals  
 – Fire fighting equipment

**Technical Data**

SD 1430	
<b>Main Data</b>	
Concept	Robust and heavy shredder
Weight	~ 19000 kg
Breadth x Length x Height	2550 x 9350 x 3250 mm
Initial breadth	1450 mm
Tires	385 / 65 R 22,5
<b>Application area</b>	
Suitable for chopping tough branch material, demolition and industrial timber	
<b>Performance</b>	
Maximal capacity of chopped material	bis 175 m³/h
<b>Engine specifications</b>	
Engine	John Deere 6135HF485
Performance	425 HP / 317 kW
Diesel tank	450 l
Electrical system	24 Volt
<b>Hydraulic system</b>	
Oil tank capacity No. 1	150 l
Oil tank capacity No. 2	50 l
Load sensing pump for the feeder	45 ccm
Axial piston pump for cooling device	28 cm³/U
Gear pump for conveyer & additional functions	22+6 cm³/U
Gear pump for conveyer magnet	6 cm³/U
Hydraulic ventilator drive with reversible function	
<b>Mallet</b>	
Number of mallets	28
Weight	16 kg / pc
Flail bar revolutions	1200 rpm
Drive with turbo coupling and two 4-fold belts	
<b>Feed chamber</b>	
Length x Breadth x Depth	3500 x 1530 x 850 mm
Load intake height / Load intake length / width	2250 mm / 5000 mm / 1960 mm
<b>Rear conveyer belt short (3.5m)</b>	
Length / Belt width	3500 mm / 1800 mm
Max. Loading height with a belt of 3.5 m	2300 mm
<b>Rear conveyer belt long 5.0 m</b>	
Length	5000 mm
Belt width	1600 mm
Maximal unloading height with a belt of 5 m	3100 mm
<b>Options</b>	
Feed chamber 500 mm, usable on both sides (right or left)   Magnetic device for sorting of metal with a 3.5 meter long rear conveyer belt   Conveyer magnet for the sorting of metal with a 5 meter long rear carrying belt   Pickup screws for side conveyer belt 5.0 meter   Central lubrication   Bio hydraulic oil   Fire fighting equipment	