



Hard wood  
Soft wood  
Clipboard

and all wood-like products

# Wood chipper

LL800 LL1000 LL1200

Series HSLA



**Schuster Metallbau GmbH**  
metal working shop - hydraulic - steel and machine engineering

## Economic wood disposal Tailor-made for your intended purpose

Take profit from many years of experience in mechanical engineering by using most modern technology and robust construction. The solid and high-quality workmanship and the use of best materials ensure an excellent cost-benefit and performance ratio and an extremely long service life.

Our shredders can be used for the economic disposal of wood and similar materials by handicraft enterprises up to large manufacturing companies for years. The chipped material can be used efficiently for cost minimisation and to produce energy.

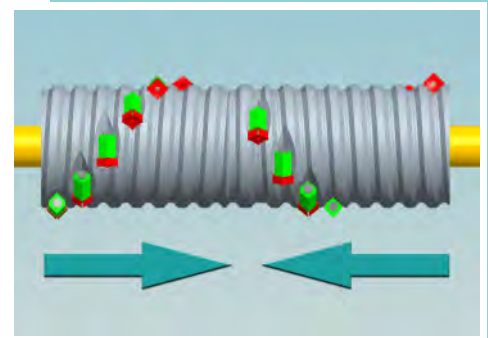


### Robust construction – Easy handling

The material to be shredded is fed through the hopper. An electro-hydraulic operated pusher pushes the material under load-dependant control onto the revolving rotor. The comminution occurs between the rotor knives and a fixed counterknife which can be used on both sides. The special shaped rotor and the position of the cutting tools allow a high rate of flow and outstanding smooth running. The knives made of hardened steel have four time turnable edges and guarantee therefore an extremely long service life.

The perforated sieve with varying hole diameters determines the size of the chippings or shavings.

The shavings produced can be removed individually by pneumatic extraction, a screw elevator or a belt conveyor.



## High performance- Intelligent control system



The wood-shredder works silent and poor in dust emission. The vibrations are reduced as much as possible by the use of a V-belt and the storage on special oscillating rubber elements. Electric motors of 18.5 up to 55 kW can be chosen as required and depending on the settings of tasks. The high performance helical gear unit works with high efficiency and we ensure 2000 working hours of warranty.

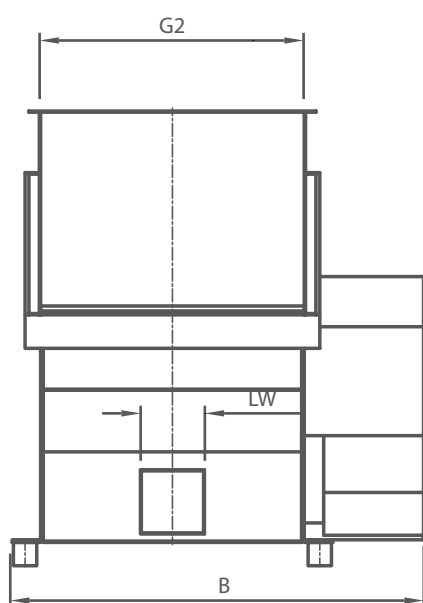
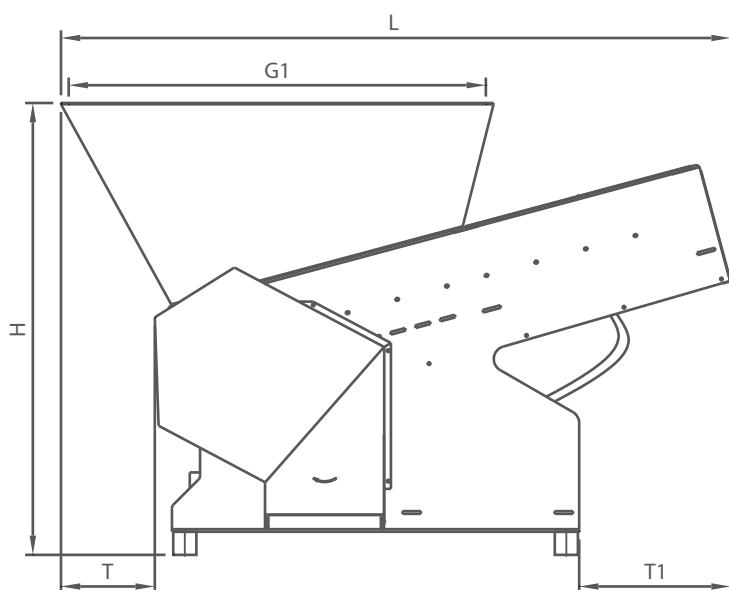


The SPS controll unit consists of:

- tripple power-current measuring relay
- counter of operating hour
- impurity shut down function
- automatic power control
- automatic power off
- emergency stop security system
- load dependent controll system

A 5 m wirepackage and a control unit are included.  
CE-signed





## Technical data

	LL 800HS	LL1000HS	LL1200HS
operating current	3x400V+N+PE	3x400V+N+PE	3x400V+N+PE
Power main drive motor	18,5kW - 22,5kW	22kW - 30kW	37kW - 55kW
Power hydraulic motor	1,75kW	1,75kW	4,4kW
Hydraulic cylinder	700 Hub	700 Hub	2x1300 Hub
Cutting tools	18 Stk.	22 Stk.	26 Stk.
Rotor speed	120 u/min	120 u/min	120 u/min

## Woodchips-size

Standard sieve	ø 25	ø 22	ø 20	ø 17,5 mm
Special sieve	ø 30	ø 15	ø 12 mm	

## Dimension in mm

	LL 800HS	LL1000HS	LL1200HS
L	2650	2650	3950
B	1400	1600	1800
H	1760	1760	1950
T	440	440	570
T1	600	600	1400
G1	1620	1620	1280
G2	820	1020	1220
LW	2x200	2x250	2x250
Weight	1860 kg	1950 kg	2850 kg

Technical changes reserved.

Distributor: