

Oscillating frame sash gang | 500 Stroke

LSH



Cost-efficient sash gang
for the use in small to medium-sized sawmills

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The extra heavy-duty design and the convenient operation

All EWD-Sash gang saws are characterized by a time proven extra heavy-duty design: A clearly structured machine set-up with easy accessible component groups allows a quite easy care and maintenance of the machine. The flywheel assembly can be changed without dismantling the side frames. Side frames are made in an advanced, stable and torsion resistant cast iron design, crank pins and fly wheel shaft are made from special steel. All parts, especially the highly stressed connecting rods and frame cross beams are subjected to constant and strict quality controls during the manufacturing process.

The feed drive system

The sash gang saw is equipped with a hydraulic feed drive with variable speed control over the full feed speed range.

The automatic overhang adjustment

The overhang of the sash frame is automatically adjusted according to the selected feed speed. Maintenance free eccentric tappets and worm gears adjust the overhang plates.

The oscillating frame

The LSH is fitted with an oscillating frame. The combination with the automatic overhang adjustment achieves very advantageous sawing conditions, without rubbing of the saw blades. The ejection of saw dust to the top is eliminated as far as possible and the sawing of large logs is made easier considerably.

The rollers

The rollers are split and/or fitted with easily changeable corrugated steel inserts.

The foundation

The sash gang LSH can be placed on the base plates of the predecessor model LD. In the flywheel areas are small modifications required.

The main drive

The sash gang saw is fitted with a fix and idle pulley for the shifting of the drive belt.

The hydraulic system

The lifting and lowering of the top rollers and the drive of the feed rollers is supplied by hydraulic power. The hydraulic system is composed of standard components, using a module principle. All parts such as electric motors, hydraulic pumps and valves are grouped in a central hydraulic system, separated from the sash gang saw and easily accessible.

The saw dust shaker and the central lubrication system have separate drive systems and can therefore be used even when the machine is not running.

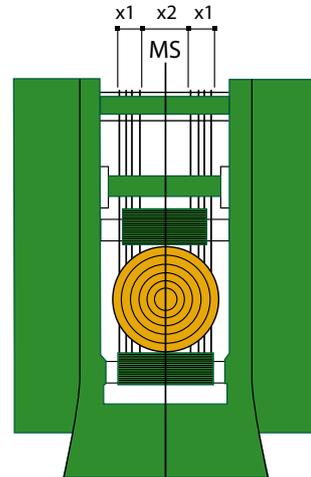
Technical data and details

LSH

Hydraulic shifting saw banks

Optionally the sash gang LSH is available with a symmetric hydraulic shifting saw bank system „SV“. The adjustment of the saw banks is possible during the normal operation from the operator control panel.

MS = Center split saw
 x1 : max. 140 mm
 x2 : min. 40 mm without MS
 x2 : min. 65 mm with MS
 x2 : max. 280 mm



Additional equipment to complement the sash gang LSH

- Quick clamping log carriages in various designs
- Remote controlled log feed system
- Automatic centering and infeed system
- Side board cross cut saws
- Outfeed and splitter plates
- Balancing unit

Model	LSH	
Sash width	mm	650
Sash clearance	mm	640
Stroke	mm	500
Revolutions max.	1/min.	300
Feed speed	m/min.	0-8
Feed power	kW	3,5
Drive pulley ø	mm	900
Main drive motor max.	kW	55
Machine weight	t	5,4

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