

Oscillating frame sash gang | 500 Stroke

HDE-S



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

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

### 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 and base plate 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 spindles and worm gears adjust the overhang plates.

### The oscillating frame

The HDE-S 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 hardened rollers are split and easily changeable. Besides the standard model with 4 feed rollers a model with 8 feed rollers for the sawing of short logs (min. 1 m) or for curve sawing is available.

### The main drive

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

### The foundation

The sash gang HDE-S can be placed on the concrete foundation of the models S71 / SS71.

### 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.

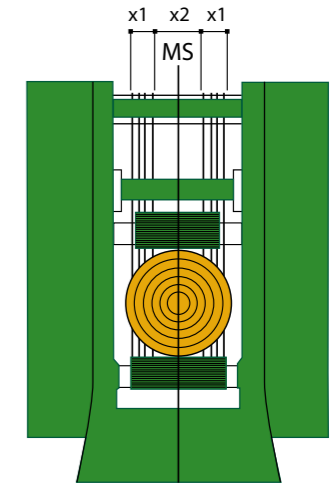
The saw dust shaker and the central lubrication system have separate drive systems and can therefore be used even when the machine is not running.

## Technical data and details HDE-S

### Hydraulic shifting saw banks

Optionally the sash gang HDE-S 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. 340 mm



### Additional equipment to complement the sash gang HDE-S

- 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		HDE-S	HDE-S/SV*	HDE 56
Sash width	mm	700	700	560
Sash clearance	mm	700	700	550
Stroke	mm	500	500	500
Revolutions max.	1/min.	310	300	340
Feed speed	m/min.	0-13	0-12	0-16
Feed power	kW	7	6,5	7
Drive pulley ø	mm	1000	1000	900
Main drive motor max.	kW	75	75	75
Machine weight	t	8,6	9	8,5

\* with shifting saw banks

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# ewd

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