

Oscillating frame sash gang | 600 Stroke

GDZGE



Heavy-duty oscillating frame sash gang
for best surface qualities and high feed speed

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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. 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.

The rollers

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

The oscillating frame

The oscillating frame of the GDZGE is characterized by the oscillation of the bottom sash guides. The oscillation move is automatically adjusted according to the selected feed speed.

The upper sash guides

The upper sash guides are water-cooled by a cooling unit and a closed water circuit to reduce the wear and ensure a smooth running of the machine.

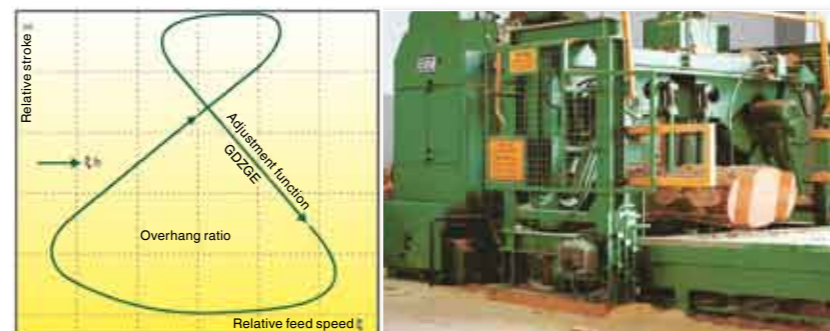
The hydraulic system

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.

Advantage of the oscillating sash frame

- total utilization of the sash stroke
- no rubbing of the saw blades
- better sawn lumber surface
- extended operating time for the saw blades
- superb smooth running of the sash gang
- reduced power requirement



Technical data and details

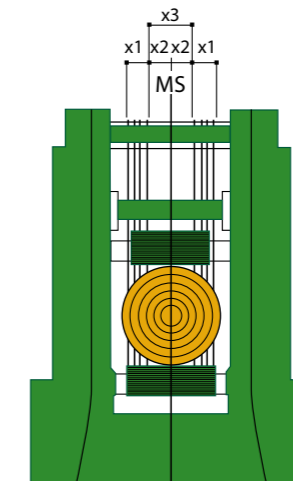
GDZGE 71 | GDZGE 76

Two individually shifting saw banks

Optionally the sash gang is available with shifting saw banks. Each of the two saw banks is individually adjustable. With one or more center split saws mounted, the saw patterns can be changed from single cant to double cants or multiples without stop and changing of spacers, saws and re-adjustment of the outfeed splitter plates. During the setting of the saw blades in a new position, the outfeed splitter plates open automatically to release the previous sawn log. After that, the plates move automatically in the new set position.

GDZGE 71

MS = Center split saw
 x1 : max. (5x18) 5x21.6 = 108 mm
 x1 : max. (4x24) 4x27.6 = 110,4 mm
 x2 : min. 24 mm, max. 175 mm
 x3 : min. 48 mm, max. 353.6 mm
 (without MS)



GDZGE 76

MS = Center split saw
 x1 : max. (5x18) 5x21.6 = 108 mm
 x1 : max. (4x24) 4x27.6 = 110,4 mm
 x2 : min. 24 mm, max. 200 mm
 x3 : min. 48 mm, max. 403.6 mm
 (without MS)

Additional equipment to complement the sash gang GDZGE

- 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		GDZGE 71	GDZGE 76
Sash width	mm	710	760
Sash clearance	mm	710	710
Stroke	mm	600	600
Revolutions max.	1/min.	310	310
With shifting saw banks		290	290
Feed speed	m/min.	0-13	0-13
Feed power	kW	7,5	7,5
Drive pulley ø	mm	1000	1000
Main drive motor	kW	90-160	90-160
Machine weight	t	12,8	13,2

Due to constant product improvements or developments the illustrations and specifications contained in this brochure are subject to change without notice.

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