

MACHINE-DATA

Machinetype	: Sanding machine
Make	: LÖWER
Type	: DSM 2000
Year	: neu
Control type	:
Control	:
Storage location	: ab Werk
Origin	: Germany
Delivery time	: after arrangement
Quotation	: ex location
Price	: on request



TECHNICAL DATA

Number of sanding units	2 St.
sanding width	190 mm
Sanding height max.	2-180 mm

TECHNICAL DESCRIPTION

LÖWER double-sided grinding machine DSM 2000

*Double-sided single wood sander for sanding
Solid wood such as window wood etc. Stable top quality
Guide with long casting tables, brushing and finishing equipment
and conveyor belt feed. Suitable for high continuous loads
even with higher chip removals.*

- *Staggered sanding and finishing units at the top and bottom*
- *Directly driven rubberized grinding rollers for slip-free power transmission*
- *Combined grinding via roller and shoe for high chip removal at the same time flat intervention zone*
- *Maintenance and wear-free CERMET-coated sanding shoes with very good thermal conductivity and absolute Dimensional accuracy*
- *External cooling of the grinding zones for cooler grinding and higher grinding Grinding belt service life*
- *Forced pneumatically controlled sanding belt oscillation*
- *effective sanding dust extraction directly on the sanding rollers*
- Airborne dust extraction on the tension rollers*
- *Integrated brushing and finishing device with large sanding dust extraction*

- Motorized grinding thickness adjustment via precision threaded spindles and large-sized linear ball bearing sets on hardened and ground precision shafts with dust and dirt protection
- Adjustment of the chip removal at the bottom using a precision threaded spindle
- Dimension display via scale ring (resolution 0.1mm)
- Sanding belt tension via pneumatic cylinders with constant clamping pressure
- Sanding belt change with pneumatic belt relaxation in seconds
- Adjustment of the sanding belt run when changing the belt
- electro-pneumatic compressed air monitoring
- Run-in protection via contact roller for workpieces that are too thick
- Workpiece transport via calibrated non-slip and non-stick conveyor belts over heavy, 1000mm long cast tables with a finely planed surface and Spring-loaded pressure rollers with fine adjustment
- Cardan shaft drive for smooth and even workpiece transport
- Feed gear motor with three different feed speeds for quick adaptation to different types of wood
- all motors electrically protected
- Ergonomically arranged controls on the workpiece inlet side
- automatic workpiece thickness scanning (no previous measurement necessary)
- Digital thickness display (resolution 0.1mm) with modern magnetic tape system

Technical data:

- Sanding belt speed: 22 m/s
- Sanding belt length: 1800mm
- Sanding belt width: 200mm
- Working width: 190mm
- Grinding thickness: 2-180mm
- two brake motors for drive: 5.5 kW
- Feed motor: 1.0 kW
- Feed speed: 6, 11 and 16 m/min.
- automatic height adjustment: 0.37 kW
- two brush units with fiber brushes D 120 x 200mm at 0.37 kW
- Suction nozzle: 2 x 120mm and 2 x 150mm
- Pneumatic connection 6 bar
- Working height: 850mm
- Length: 2105mm
- Length with control panel 2490mm
- Width: 880mm
- Height: 1910mm
- Weight: approx. 1500 kg
- Operating voltage: 400 volts, 50 Hz, 3P
- CE version

Basic price of the machine on request!

Special accessories with surcharge:

*continuous feed 4-20 m/min.
for speed adjustment to the previous machine
Price on request*

*Workpiece blow-off
- using nozzles from above and below at the machine outlet
arranged, pneumatically controlled
Price on request*

*Sanding belt blowout
- via nozzles directly on the radii of the tension rollers inside
arranged in the suction system and can be switched on separately
Price on request*

*Lateral displacement of the entire machine
- adjustable 50-100mm oscillating for more even
Utilization of sanding belts, finishing tools and
Transport system, geared motor 0.37kW
(not available in conjunction with disc/softdisc unit)
Price on request*

*Transport freewheel device
- when linked with little distance to the previous machine
Price on request*

*External start impulse of the machine
- via a button including control option via external
PLC control (when linked in a production line)
Price on request*

*DUPLO control
- additional control panel for attachment to a
upstream machine with the following functions:
- Start button
- Emergency stop switch
- Height adjustment up, down and 1/10 down
- Digital strength display
- shielded special cable, (max. 20m)
Price on request*

*(technical information according to the manufacturer - no guarantee!)
All prices quoted are net. plus statutory VAT*

Sanding machine
LÖWER
DSM 2000
Stock no. :1305-5580



VIDEO-LINKS

WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Sanding_machine/LOeWER/DSM_2000/1305-5580

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MACHINE PICTURES

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