

MACHINE-DATA

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



TECHNICAL DATA

Number of sanding units	4 St
sanding width	190 mm
Sanding height max.	2 - 180 mm

TECHNICAL DESCRIPTION

LÖWER - DoubleMaster DSM 2000 DB

*Double-sided single wood sander with additional
Transverse brush sanding unit (discs) and
Longitudinal brush sanding unit (roller) for sanding
Solid wood such as B. window wood etc.
Stable top version with long cast tables and
Conveyor belt feed. Suitable for high continuous loads
even with higher chip removals.*

- 1. Belt sanding unit with CERMET sanding shoe pre-sanding*
 - 2. Disc aggregate cross grinding for defibering*
 - 3. Rolling aggregate longitudinal grinding for directional finish*
- Direction of growth*
- Staggered sanding and finishing units at the top and below*
 - directly driven rubberized sanding rollers for slip-proof free power transmission*
 - Combined grinding via roller and shoe for high chip removal with a flat intervention zone at the same time*
 - maintenance and wear-free CERMET-coated grinding wheels shoes with very good thermal conductivity and absolute*

Dimensional accuracy

- External cooling of the grinding zones for cooler grinding and longer sanding belt service life

- force-guided pneumatically controlled sanding belt oscillation

- effective sanding dust extraction directly on the

Grinding rollers

- Airborne dust extraction on the tension rollers

- integrated brush grinding device (transverse and Longitudinal) with sanding dust extraction

- motorized grinding thickness adjustment via precision threaded spindles and large-sized linear ball screws

bearing sets on hardened and ground precision shafts with dust and dirt protection

- Adjustment of the chip removal at the bottom via precision

Threaded spindle with dimension display via scale ring (Resolution 0.1mm)

- Sanding belt tension via pneumatic cylinder constant clamping pressure

- Sanding belt change with pneumatic belt relaxation

Within seconds

- Adjustment option for the sanding belt run

Band change

- electro-pneumatic compressed air monitoring

- Anti-running protection via contact roller if it is too thick workpieces

- Workpiece transport via calibrated non-slip and non-stick fixed conveyor belts over heavy, 1000mm long cast iron

tables with a finely planed surface and spring-loaded

Pressure rollers with fine adjustment

- Cardan shaft drive for smooth and consistent

Workpiece transport

- Feed gear motor infinitely variable

for quick adaptation to different types of wood

- all motors electrically protected

- ergonomically arranged controls on the

Workpiece inlet side

- 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 5.5 kW drive

- Feed motor 1.0 kW
- Feed speed 4-20m/min.
- automatic height adjustment 0.37 kW
- Brush sanding units
- Disc D=max. 200mm
- Roller D=max. 270mm
- Suction nozzles 2 x 120mm and 2 x 180mm
- Pneumatic connection 6 bar
- Working height 870mm

External dimensions:

- Length 2600mm
- Length with wheels 2985mm
- Width 880mm
- Height 1910mm
- Weight approx. 1500 kg
- Operating voltage 400 volts, 50 Hz, 3P
- CE version

Price of the above machine on request!

Special accessories with additional charge:

Workpiece blow-off

- using nozzles from above and below at the machine outlet arranged, pneumatically controlled

Sanding belt blowout

via nozzles directly on the radii of the tension rollers inside the suction arranged, timer controlled on/off 5 seconds each, can be switched on separately

Soft disc unit instead of grinding flap disc unit

top and bottom for more aggressive cross and fine sanding including sensor-controlled automatic immersion

Automatic workpiece thickness scanning

(no prior measurement necessary)

Set of SmartFlex sanding flaps for DSM with flap disc

consisting of:

60 strips M 35 / 50

Set of SmartFlex sanding flaps for DSM with flap roller

consisting of:

48 strips M 55 / 200

Sanding machine
LÖWER
DoubleMaster DSM 2000
Stock no. :1305-6199



*Sandpaper disc VB for soft disc
D=200mm grit 280
with velor backing (Velcro), pack of 100.*

Prices of the above-mentioned special accessories on request!

(technical data according to manufacturer - no guarantee!)

VIDEO-LINKS

WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Sanding_machine/LöWER/DoubleMaster_DSM_2000/1305-6199

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MACHINE PICTURES

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