

MACHINE-DATA

Machinetype	: Sanding machine
Make	: HESS
Type	: Junior
Year	: gebraucht
Control type	:
Control	:
Storage location	: Oberkochen
Origin	: Germany
Delivery time	: after arrangement
Quotation	: ex warehouse
Price	: on request



TECHNICAL DATA

Number of sanding units	2 st.
sanding width	190 mm
Sanding height max.	4-150 mm

TECHNICAL DESCRIPTION

Hess Junior single wood sanding machine

Machine in checking process at the moment!

Basic structure:

Stable, heavy welded construction made of thick-walled rectangular hollow profiles with additional, statically calculated reinforcements for optimal Vibration dampening.

*Staggered grinding units with large dimensions
Belt drive drums for slip-free belt running. Two-point suction for direct and airborne dust extraction with integrated blow-off device. grinding units in heavy steel plate construction as the basis for vibration-damped, quiet tape running. All guides as a ball linear set on hardened and polished waves. Permanent precision thanks to dust and dirt protection the ball linear sets. Contact roller and sanding pad in a balanced ratio for sanding belt grain load. The large-sized drive drums guarantee the full transmission of the 5.5 kW drive power
Grinding motors on the sanding belt. This results in the greatest chip removal possible. Automatic machine stop activation in the event of a belt break.*

Optical display

on control panel. Sanding shoe for finish made of special material with optimal Heat dissipation and additional sliding coating. Easy to handle Pad change. Sanding belt tension over appropriately sized Compression springs. Sanding belt relaxation for belt changing using pneumatic Device for sensitive, distortion-free placement of new tapes. Upper Grinding unit and brush device (additional equipment) centrally motorized adjustable.

Wooden guide in the inlet area for hard guide and bearings mounted on both sides pressure rollers. Tip-proof transport of profiled workpieces Calibrated conveyor belts with infinitely adjustable feed rate.

Automatic machine stop triggering by wood thickness control device. Visual display of the control panel.

Inlet table via fine-running, precise threaded spindle for lower Grinding chip removal can be adjusted manually using a scale (resolution 0.1 mm). The length Column table guide guarantees absolute parallel adjustment. The The flight circle is coordinated with the exit table by adjusting the height of the lower one Grinding unit via precise threaded spindle and scale display (resolution 0.1 mm) accomplished.

Clear, user-friendly arrangement of all electrical functions and operating and display elements on the front of the machine: grinding unit below, Grinding unit on top, workpiece transport device, Grinding thickness adjustment, top/bottom brushing device, belt utilization, Operating display, fault display. All motors are against overload electrically protected.

Technical data :

*Sanding belt speed: 25 m/sec.
Grinding width: 190 mm
Grinding thickness: 4 - 150 mm
Shortest workpiece length: 280 mm*

Feed speed, continuously adjustable 5 - 25 m/min.

Sanding belt dimensions: 200 mm width, 1850 mm length

Electrical equipment according to VDE

Electrical connection: 400 V., 3/N, 50 Hz.

*Pneumatic connection: R 3/8", 6 bar, 80 NL grinding units: 2 x 5.5 kW feed:
0.75 kW Height adjustment: 0.18 kW*

*Pneumatic connection: R 3/8", 80 NL, min. 6 bar, max. 8 bar Exhaust air
quantity: 2 x
2000 to 2500 m³/h 20 - 25 m/sec.*

Suction connection piece: 2 x 180 mm diameter, at the top of the machine housing

*External dimensions: without control cabinet 1750 mm width, 1850 mm height,
1000 mm depth*

with control cabinet 1960 mm wide, 1850 mm high, 1000 mm deep

Working height: 835 mm

*in the range 4-20 mm only without a guide ruler
Paint finish: RAL 7030 stone gray with RAL 1018 zinc yellow*

Additional equipment:

1 digital display for motor. Grinding thickness adjustment

*1 facility for oscill. Abrasive belt utilization device for oscillating
Utilization of sanding belts to increase the service life of the sanding belts
and improve them
of the surface finish through motor-driven sanding unit adjustment.
Connected load: 0.12 kW, 380 V, 3/N, 50 Hz*

*1 brushing and finishing device, for better surface finish, integrated in
the basic machine. Two special brush rollers 150 mm arranged one above the other
Diameter in synchronization function for feed. Separate height adjustment
Brush rollers on precise carriage guides for wear correction.*

*1 pneumatic workpiece release device after brushing and finishing
Furnishings*

Included:

*1 piece of undriven roller conveyor as an inlet
1 piece of undriven roller conveyor as an outlet (without feet), length
approx. 3 m*

VIDEO not original shows machine of the same type

Sanding machine
HESS
Junior
Stock no. :1305-2731



(Technical data according to the manufacturer, no guarantee!)

VIDEO-LINKS



WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Sanding_machine/HESS/Junior/1305-2731

Sanding machine
HESS
Junior
Stock no. :1305-2731

MACHINE PICTURES

