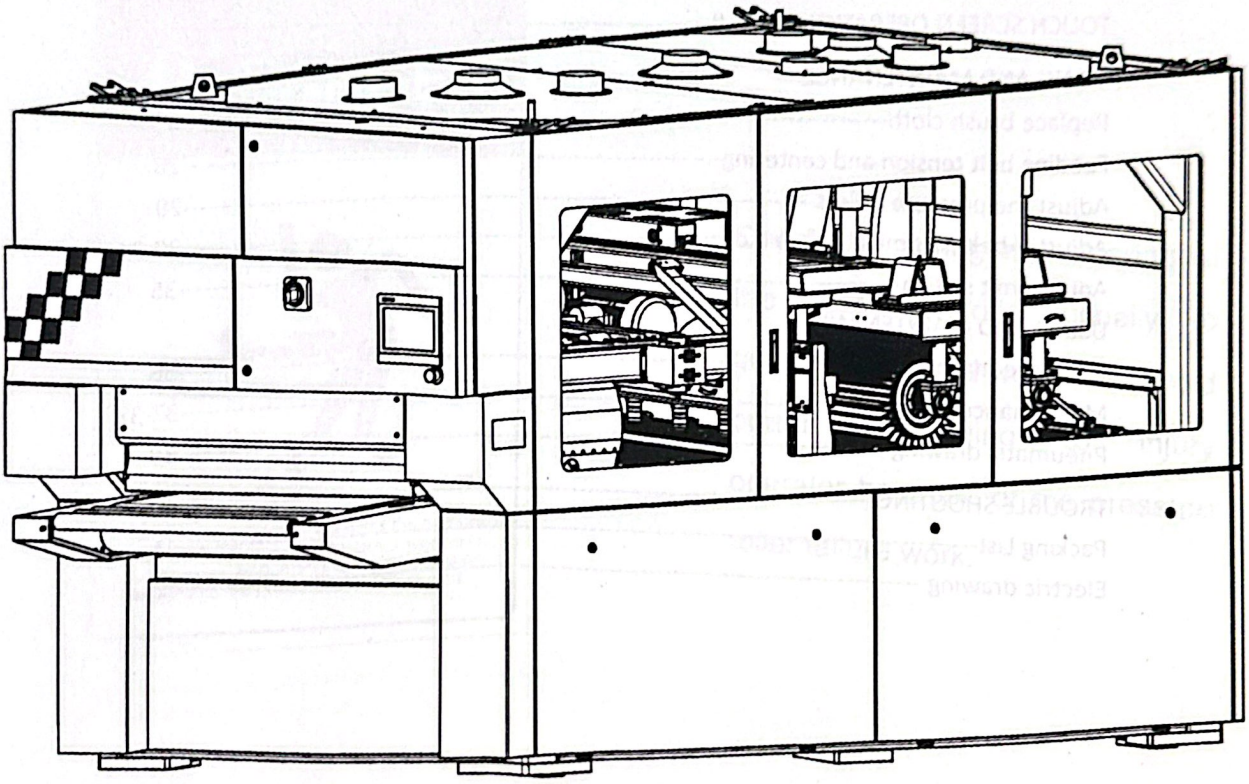
CURVED SURFACE SANDER

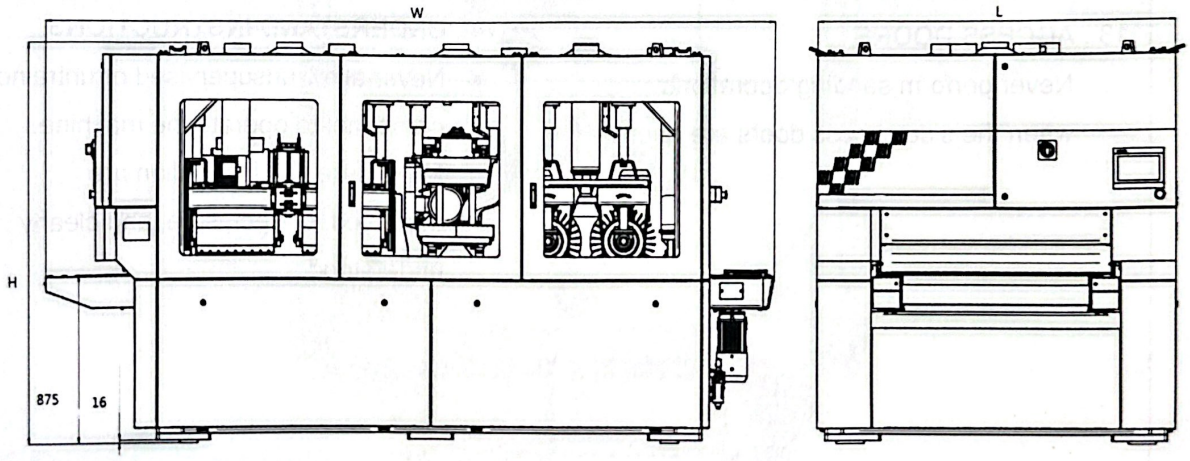
FHDR1000

Original Instruction



1.1 Technical Characteristics

MODEL / PARAMETER	FIRST UNIT (Horizontal brush roller)	SECOND UNIT (Disc Brush)	THIRD UNIT (Brush roller)
Max.working width (mm)	1000		
Min. Vacuum Working Size (mm)	/	/	/
Min. working length (No Vacuum) (mm)	235	260	320
Working thickness (mm)	3-120		
Feeding speed (m/min)	3-18		
Total motor power (kW)	10.8		
Blower motor power (kW)	/		
Motor power of Sanding unit (kW)	2x0.75	1x2.2	2x1.1
Motor power of brush roller (kW)	/		
Feeding motor power (kW)	1.5		
Motor power of pressure roller lifting (kW)	0.37		
Motor power of sanding unit lifting (kW)	0.37	0.37	0.37
Motor power of sanding unit movement (kW)	0.75	0.55	-
Diameter of brush roller/disc brush of first sanding unit(mm)	306/336/356	180	306/336/356
Rotate speed of sanding unit (r/min)	60-280	60-280	60-280
Sand cloth length (mm)	30/45/55	30/45/55	30/45/55
Working pressure (Mpa)	0.6		
Volume of pressure air (m^3/h)	0.55MP:180 m^3/h, 0.69MP:212 m^3/h		
Volume of dust collection (m^3/h)	11200		
Overall dimensions (L x W x H mm)	1930x4000x2100		
Weight (kg)	4400		
Remark			

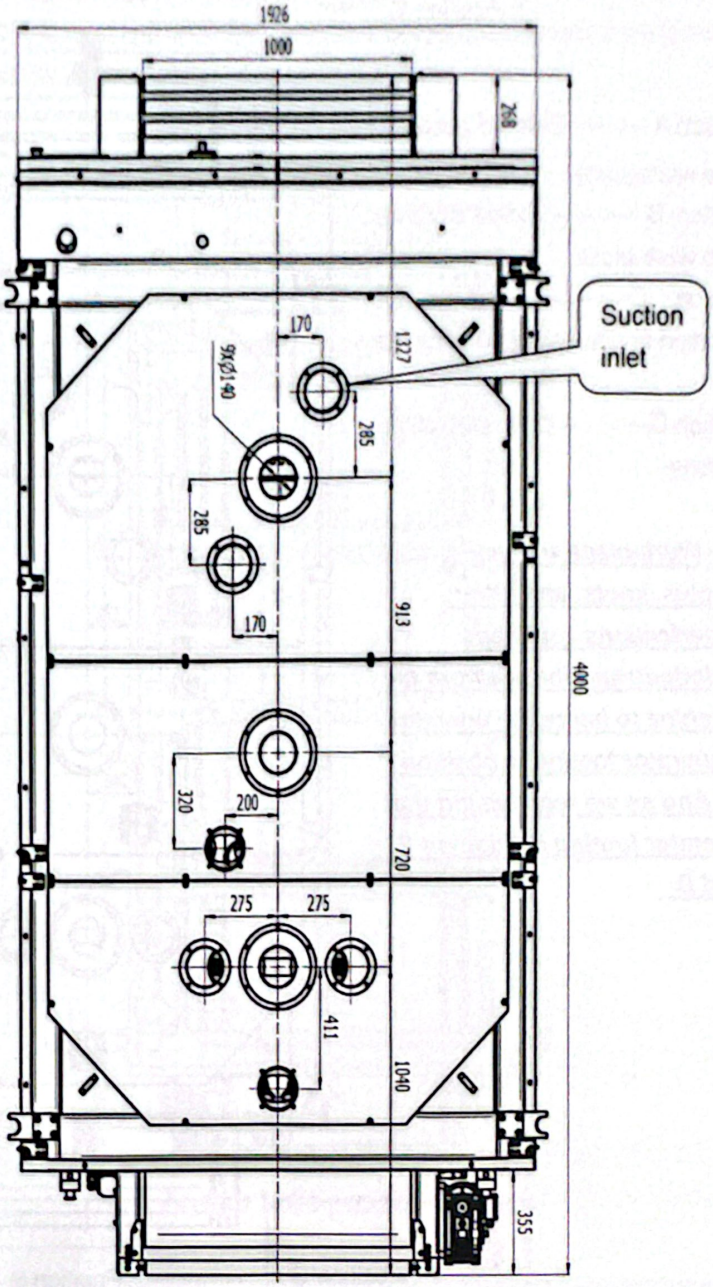


1.2 Position and Dimensions Of the Suction Inlets

An efficient and clean dust collection system is essential to the proper function of the sander. Ensuring a healthy work environment is also dependent upon cleaning and maintaining your dust collection system. We recommend that the flow speed is 25-30m/s.

Please connect suction inlet with dust collection system by using hose, Which is low resistance(<1000000 ohm) and ensuring metal wire in it is grounded.

The suction system shall be connected to the machine permanently and work simultaneously. Do not carry out any operation if the dust suction system is not running.

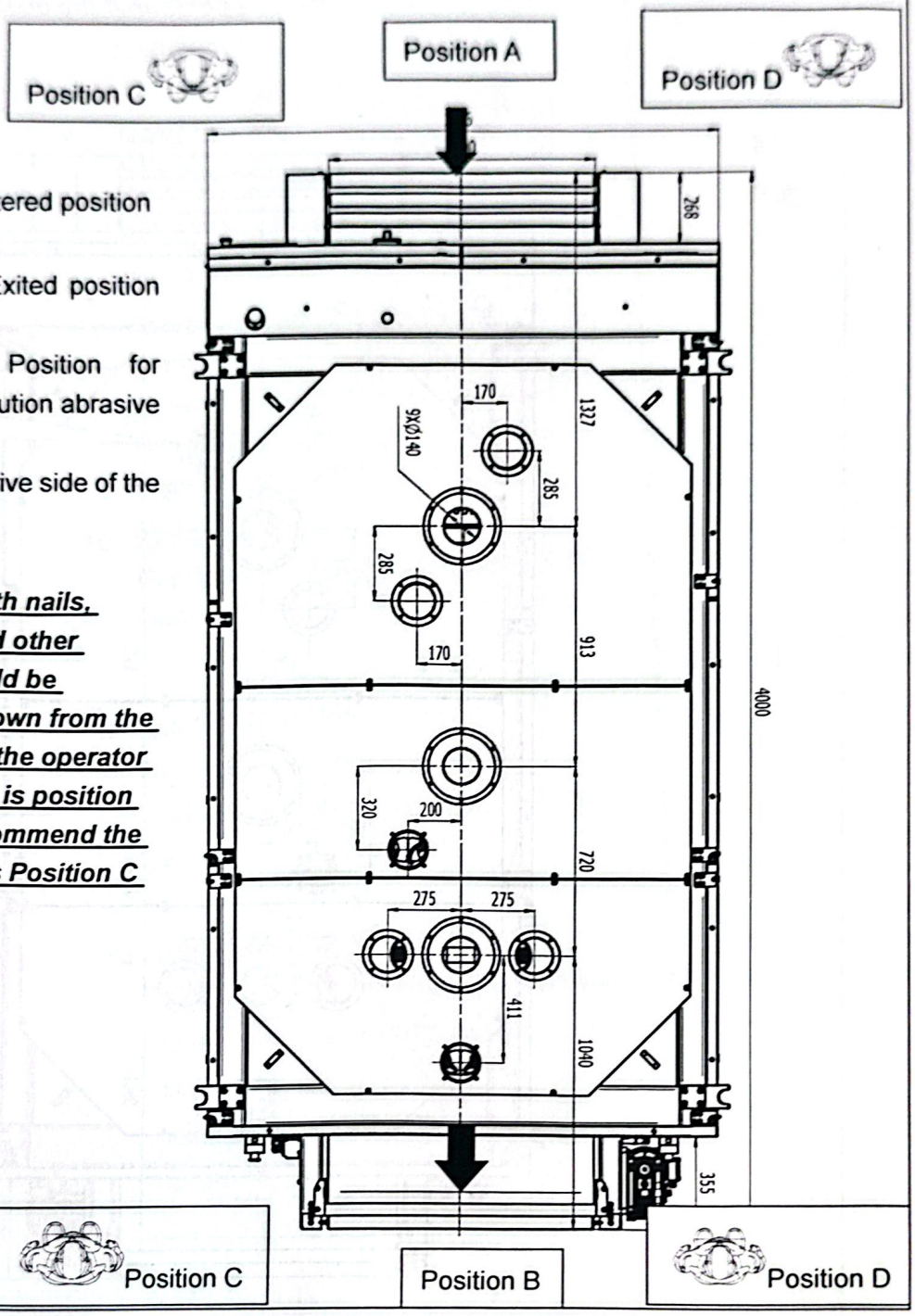


1.3 Functions and Application Fields

The standard machine is suitable for calibrating and/or sanding bare, painted or treated wooden curved panels. It is absolutely forbidden to calibrate and/or sand metal material to avoid damaging the machine.

Some accessory parts may be installed in addition and/or substitution of the existing ones in order to reach higher operation flexibility.

1.4 Working Stations



Position A ----------Entered position of the work-piece.

Position B ---------- Exited position of the work-piece.

Position C---------- Position for operation and substitution abrasive belt.

Position D ---------- Drive side of the machine.

Work-piece with nails, staples, knots, and other imperfections could be dislodged and thrown from the machine to injure the operator if operator footing is position A . And so we recommend the operator footing is Position C and D.