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BRANDS OF DISTINCTION

Boss Sandstorm 700R-RC 2 Head Wide Belt Sander Roller + Combination (Roller & Pad)



282 Orenda Rd. West, Brampton, ON, L6T 4X6 | 800-386-5222 | www.bossmachines.com

All machines are supplied with the appropriate CSA or Electrical Safety Authority approvals. Any modifications that are required as a result of local or provincial inspection programs are the responsibility of the purchaser. Price quoted is based on current rate of exchange and is subject to adjustment to prevailing rate at time of payment. Machine understood to be subject to stock prior to sale. We reserve the right to correct any typographic, pictorial and pricing errors without notice.



We applied all our experience in sanding technology to make this heavy duty machine. It's main advantage is the combination of high quality and affordable price. This machine is easy to adjust and maintain, saving you time and cost.

MODEL SPC ITEM	Sandstorm 700R-RC
Working width	40-700mm
Working thickness	2.5-160mm
Shortest working length	365mm
1 st roller diameter	Ø190mm
2 nd roller diameter	Ø115mm
Feeding speed	6-24m/min
First belt speed	20m/s
Second belt speed	16m/s
Sanding belt size	730*1900mm
Total power	33hp
First belt motor	20hp
Second belt motor	10hp
Motors position	Inside
Feeding motor	2hp
Lift & decline table height	0.34hp
Brush motor	0.25hp
Working pressure	0.4-0.8Mpa
Compressed air consumption	1.5CBM/min
The average speed of sucked air	25-30m/s
Overall dimension	1850*1270*1970mm
Weight	3850lbs

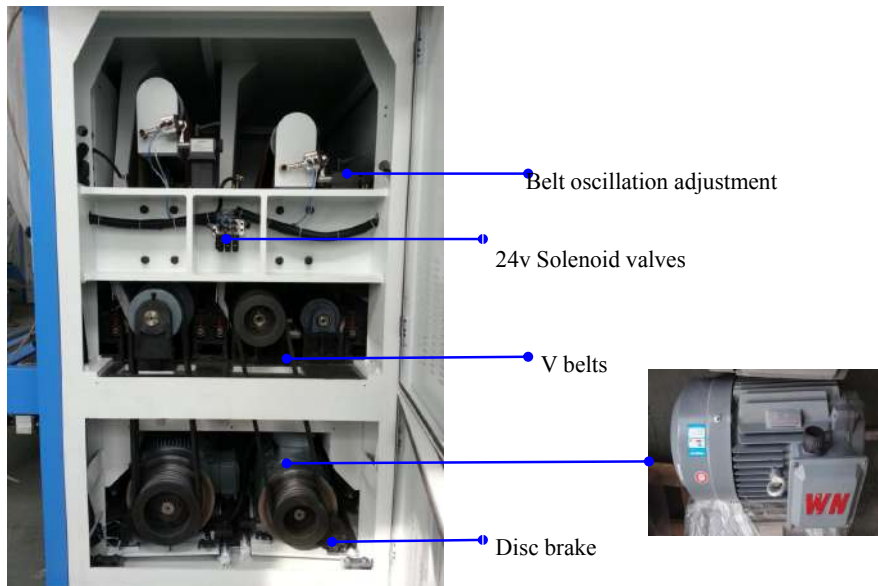


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MACHINE FRAME:

- ◆ Built with rectangular profiled steel elements to give a very high rigidity to the frame; main motors positioned inside the frame in a protected position.
- ◆ Transmission from main motors to working units with V-belts and pulleys, disk brakes on each working unit for emergency stop.
- ◆ Standard paint white and sky blue.
- ◆ Machine manufactured per CE regulations according to European general machine directive.
- ◆ Machine frame for forklift handling.



PRESSURE UNITS:

- ◆ Pressure units to hold the work pieces on the feed belt; are positioned in front and rear of each working unit: independent variable pressure control.
- ◆ Standard pressure units are pressure rollers.



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FEED SYSTEM:

- ◆ Rigid feed table the top plate is built in anti-wear steel with tolerance within 0.05mm; table surface fine-grinded to avoid wear of the internal side of the feed belt.
- ◆ Rubber feed belt surface at appropriate hardness; top profile according to operation requirement.



THE FRONT WORKING UNIT:

Working unit with 190mm diameter steel sanding roller complete with: sanding belt tension unit; electronic oscillation; dust hood; safety systems.
Sanding roller with helicoidal grooves for cooling.
Motor with one speed of rotation.



Belt hat

Tension roller

Belt size: 730*1900mm

Limit switch

Tension switch

Excentric shaft

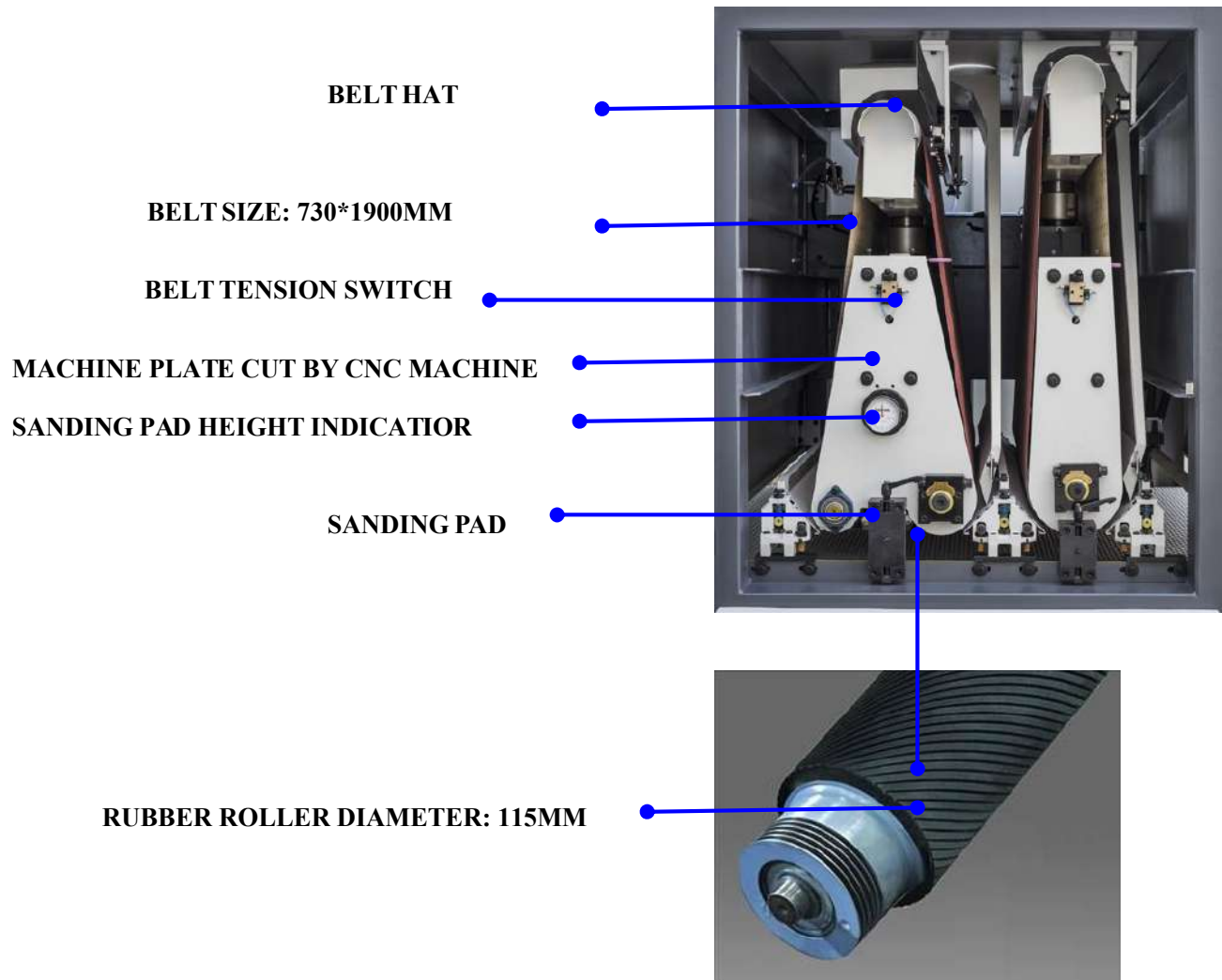


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THE REAR WORKING UNIT:

Working unit is a combination of rubber roller and pad, with alloy rack, felt, graphite cloth complete with sanding belt tension unit; electronic oscillation; dust hood; safety systems. Rubber roller is 115mm diameter and hardness 85 shore. Sanding pad can easily be adjusted up and down.



ELECTRICAL CABINET:

- ◆ Electrical cabinet in the front side of the machine, includes a main switch. Push buttons and control panel at same side of sanding belt insertion, with a series of leds for the automatic diagnostic of faults.
- ◆ Electrical cabinet built on standard CE rules.

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CONTROL UNIT:

Control panel with push buttons and readout on front side of machine.

PNEUMATIC PLANT:

Pneumatic plant complete with filters – oil/air nebulizer.

Machine stops when the air pressure drops below a minimum.



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