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BRANDS OF DISTINCTION

Boss Sandstorm 700R-R-RC 3 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.



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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-R-RC |
|-------------------------|---------------------|
| Working width | 40-700mm |
| Working thickness | 2.5-160mm |
| Shortest working length | 365mm |
| First roller diameter | Ø190mm |
| Second roller diameter | Ø190mm |
| Third roller diameter | Ø115mm |
| Feeding speed | 0-19m/min |
| First belt speed | 20m/s |
| Second roller speed | 20m/s |
| Third belt speed | 16m/s |
| Sanding belt size | 730*1900mm |
| Feeding belt size | 705*3880mm |
| Total power | 54HP |
| First belt motor | 20HP |

| | |
|---------------------------------|------------------|
| Second belt motor | 20HP |
| Third belt motor | 10HP |
| Motors position | Inside |
| Feeding motor | 4HP |
| Lift & decline table height | 0.34HP |
| Brush motor | 0.25HP |
| Working pressure | 0.4-0.8Mpa |
| Compressed air consumption | 1CBM/min |
| The average speed of sucked air | 30m/s |
| Overall dimension | 2260*1270*1970mm |
| Weight | 5070lbs |

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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.



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.





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THE FIRST 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.

2nd working unit is same as 1st working unit except the roller is rubber with hardness shore 70.

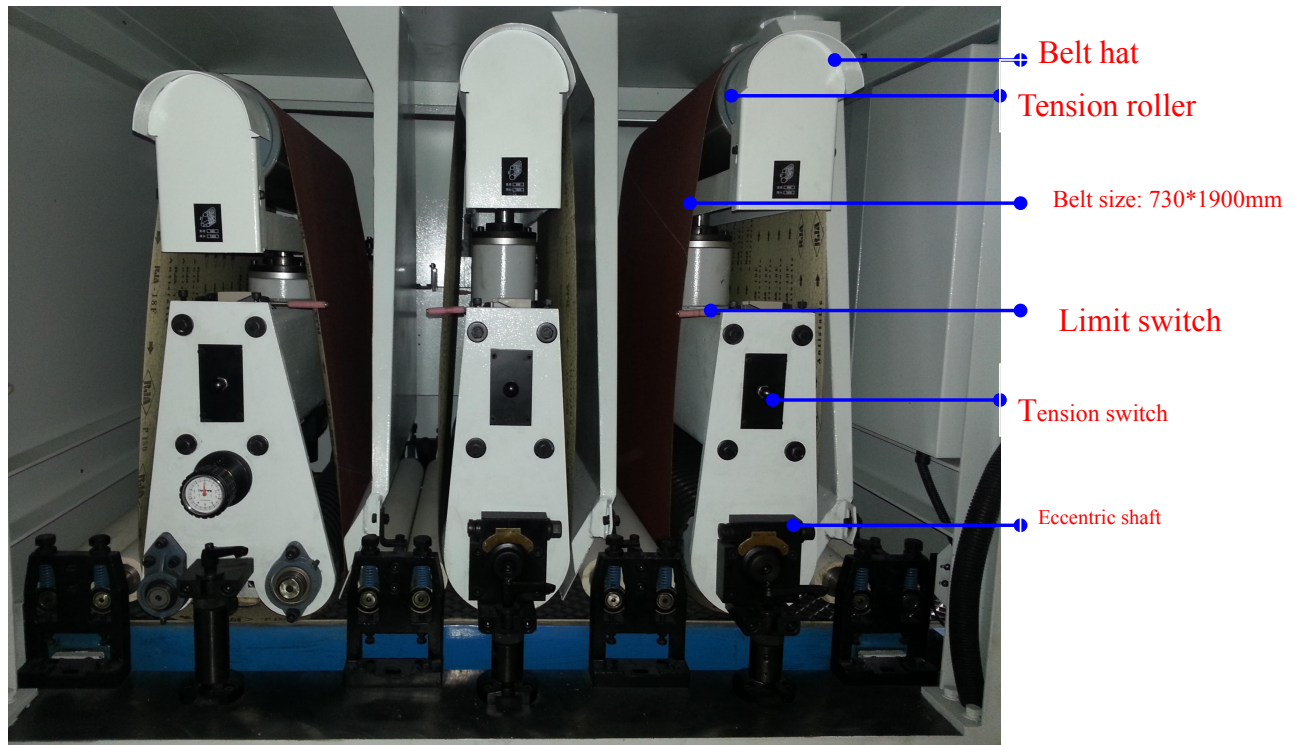
THE SECOND WORKING UNIT:

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 55 shore.

Sanding pad can be adjusted up and down easily.

Motor with one speed of rotation.



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Sanding pad



Calibrating drum: Ø115mm



Excentric contact drum: Ø190mm



SKF bearings inside



Belt oscillation adjustment

24v Solenoid valves

V belts

Disc brake



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 stop when the air pressure drops below a minimum.



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