



# boss

## BRANDS OF DISTINCTION

### Boss Sandstorm 1100RC Wide Belt Sander Roller + Combination (Roller & Pad)



282 Orenda Rd. West, Brampton, ON, L6T 4X6 | 800-386-5222 | [www.bossmachines.com](http://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.

ITEM	MODEL SPC	Sandstorm 1100RC
Calibrating roller diameter		210mm
Working width		40-1100mm
Working thickness		2.5-150mm
Feeding speed		0-19m/min
Abraasive belt speed		18m/s
Sanding belt size		1130*2200mm
Total power		30HP
First belt motor		25HP
Feeding motor		4HP (inverter)
Lift & decline table height		0.5HP
Brush motor		0.33HP
Working pressure		0.4-0.8Mpa
Compressed air consumption		1CBM/min
Overall dimension		1900*2000*2120mm
Weight		4600lbs

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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.
- ◆ Feed belt with surface in rubber at appropriate hardness; top profile according to operation requirement.





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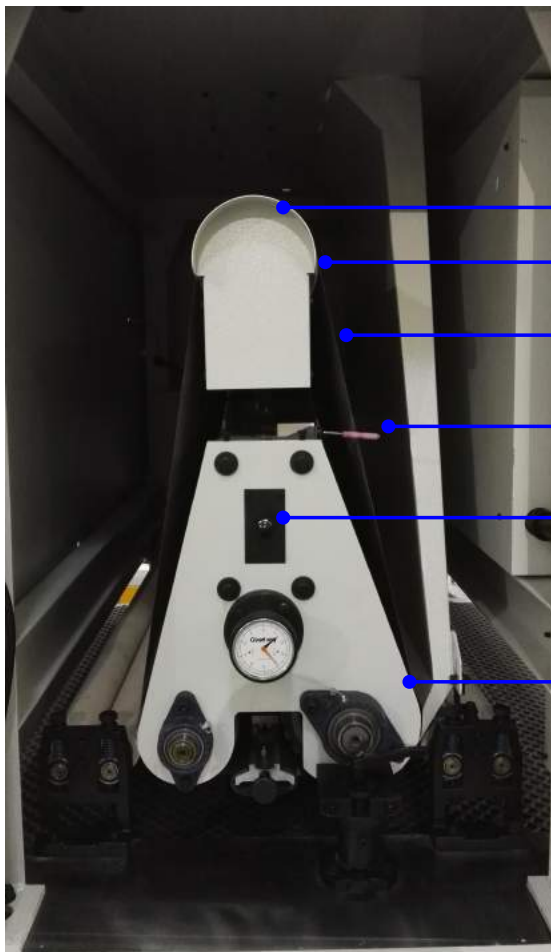
### ***THE REAR WORKING UNIT:***

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 210mm diameter and hardness 85 shore.

Sanding pad can be adjusted up and down easily.

Motor with one speed of rotation.



- Belt hat
- Tension roller
- Belt size: 1130\*2200mm
- Limit switch
- Tension switch
- Calibrating roller



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Sanding pad



Calibrating drum: Ø210mm



bearings



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 Micro computer in front side of machine.

**START AND STOP BUTTON**

**INVERTER KNOB**



### ***PNEUMATIC PLANT:***

Pneumatic plant complete with filters – oil/air nebulizer.

Machine stop when the air pressure drops below a minimum.



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