



boss

BRANDS OF
DISTINCTION

Boss Storm Single Head Wide Belt Sander

Models:

1100RC

1300RC

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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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: 1330 x 2200 mm

Limit switch

Tension switch

Calibrating roller

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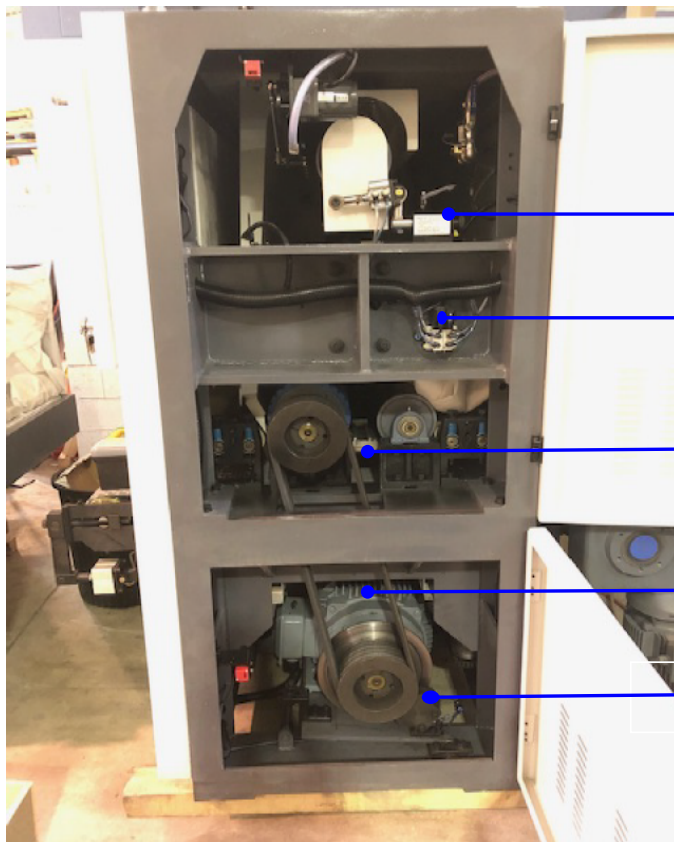
Sanding pad



Calibrating drum: Ø 210 mm



Bearings



Belt oscillation adjustment

24 V Solenoid valves

V belts

Disc brake



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Control unit

Control panel with push buttons and Micro computer in front side of machine.

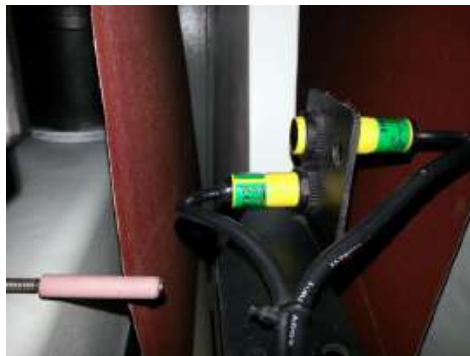
START AND STOP BUTTON

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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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 0.05 mm; 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.



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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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.

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

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Storm 1300RC	
Calibrating roller diameter	210 mm
Working width	40 - 1300mm
Working thickness	2.5 - 150mm
Feeding speed	0 - 19 m/min
Abrasive belt speed	18 m/s
Sanding belt size	1330 x 2200mm
Total power	30 hp
First belt motor	25 hp
Feeding motor	4 hp (inverter)
Lift & decline table height	0.5 hp
Brush motor	0.33 hp
Working pressure	0.4 - 0.8 Mpa
Compressed air consumption	1 CBM/min
Overall dimension	1900 x 2000 x 2120 mm
Weight	5500 lbs

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