



boss

BRANDS OF DISTINCTION

Boss Storm 700 | 1000 | 1300 R - 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.

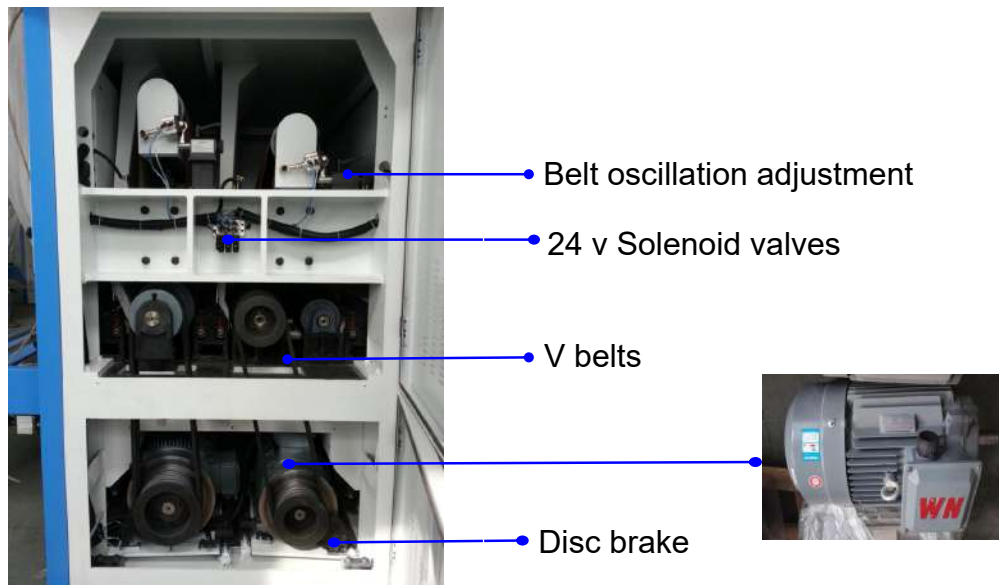


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MACHINE FRAME

- ◆ 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.

OPTIONAL:

- ◆ Chrome faced pressure shoe.

Chrome Faced Pressure Shoe Optional



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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.
- ◆ Feed belt with rubber surface at appropriate hardness.



THE FIRST WORKING UNIT

- ◆ Working unit with 240mm 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: 1330 x 2200 mm

Limit switch

Tension switch

Eccentric shaft

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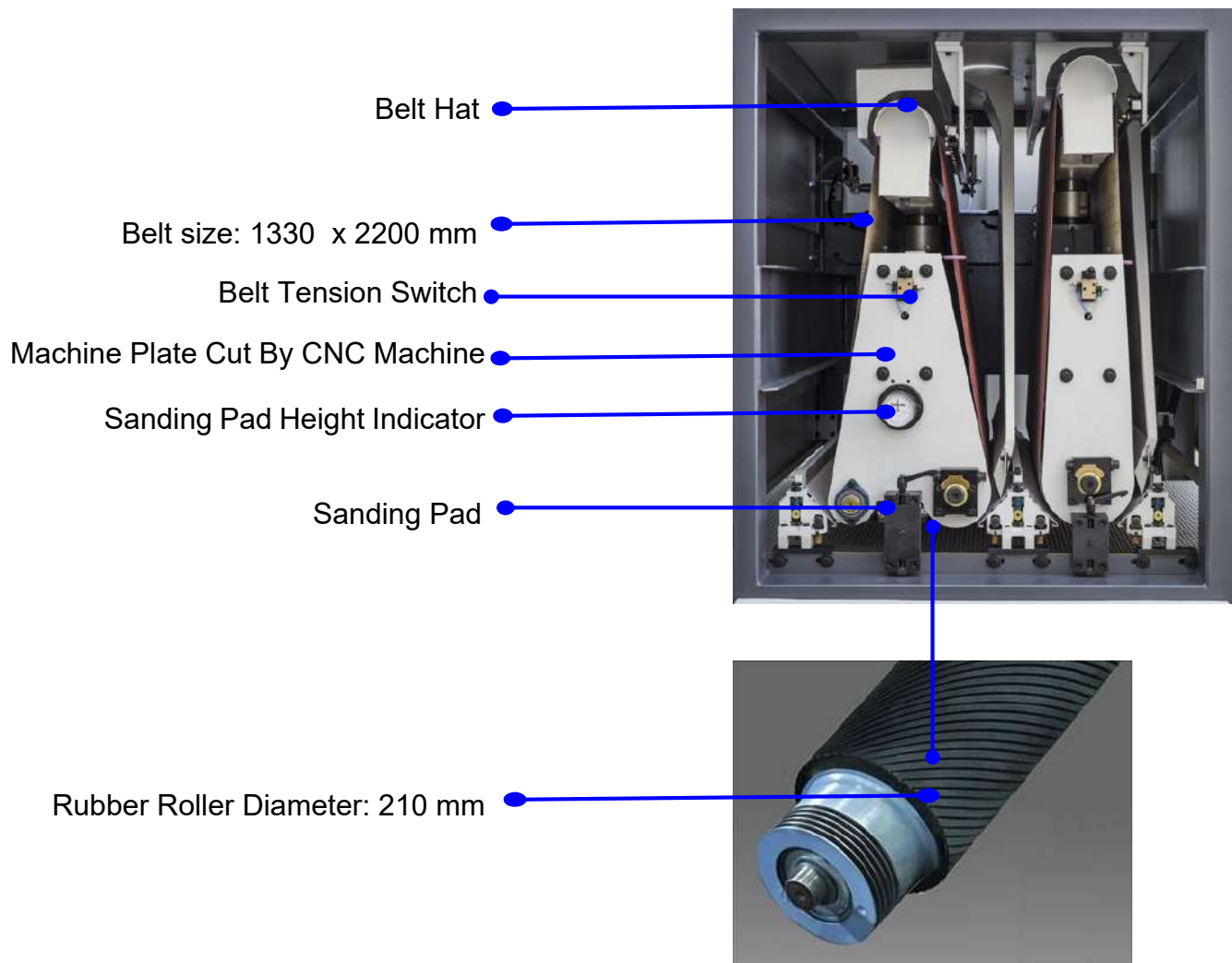


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THE SECOND WORKING UNIT

- ◆ 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 210mm diameter and 55 shore hardness.
- ◆ Sanding pad can be adjusted up and down easily.
- ◆ Motor with one speed of rotation.



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CONTROL UNIT

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



PNEUMATIC

Pneumatic complete with filters – oil/air nebulizer.
Machine stops when air pressure drops below a minimum pressure.

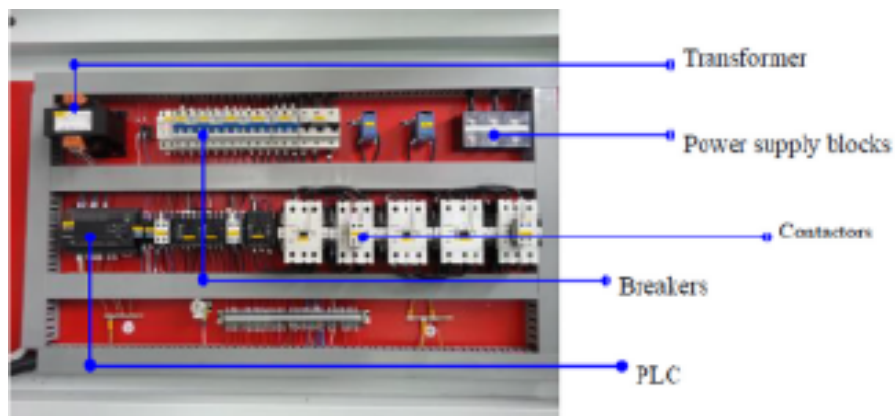


PACKAGE

Standard: Polythene sav vacuum sealed

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 700R-RC	
Working width	40 - 700 mm
Working thickness	2.5 - 160 mm
Shortest working length	365 mm
1 st roller diameter	Ø 190 mm
2 nd roller diameter	Ø 115 mm
Feeding speed	6 - 24 m/min
First belt speed	20 m/s
Second belt speed	16 m/s
Sanding belt size	730 x 1900 mm
Total power	33 hp
First belt motor	20 hp
Second belt motor	10 hp
Motors position	Inside
Feeding motor	2 hp
Lift & decline table height	0.34 hp
Brush motor	0.25 hp
Working pressure	0.4 - 0.8 Mpa
Compressed air consumption	1.5 CBM/min
The average speed of sucked air	25 - 30m/s
Overall dimension	1850 x 1270 x 1970 mm
Weight	3850 Lbs

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Storm 1000R-RC	
Working width	50 - 1000 mm (2 - 39 in)
Working thickness	2.5 - 150 mm (0.1 - 6 in)
Working height	540 mm (17 in)
Feeding speed	0 - 19 m/min (0-748 in/min)
belt size	1030 x 2200 mm (30 x 87 i n)
Total motor power	55 hp
Front belt motor power	30 hp
Rear belt motor	20 hp
Conveyor motor power	4 hp
Working pressure	0.4 - 0.8Mpa
Compressed air consumption	< 1m ³ /min
Average speed of sucked air	> 30 m/s
Overall dimension	2300 x 1700 x 2120 mm (90 x 67 x 84 in)
Weight	7055 lbs

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Storm 1300R-RC	OPTIONAL HEAVY DUTY TYPE	STANDARD TYPE
Contact roller diameter	240 mm	240 mm
Calibrating roller diameter	210 mm	210 mm
Working width	40 - 1300 mm	40 - 1300 mm
Working thickness	2.5 - 150 mm	2.5 - 150 mm
Feeding speed	0 - 19 m/min	0 - 19 m/min
First belt speed	24 m/s	24 m/s
Second belt speed	18 m/s	18 m/s
Sanding belt size	1330 x 2200 mm	1330 x 2200 mm
Total power	84 hp	55 hp
First belt motor	50 hp	30 hp
Second belt motor	30 hp	20 hp
Motors position	Outside	Inside
Feeding motor	4HP (inverter)	4 hp (inverter)
Table height motor	0.5 hp	0.5 hp
Brush motor	0.34 hp	0.34 hp
Working pressure	0.4 - 0.8 Mpa	0.4 - 0.8 Mpa
Compressed air consumption	1 CBM/min	1 CBM/min
Overall dimension	2300 x 2650 x 2120 mm	2300 x 2000 x 2120 mm
Weight	8500 lbs	8000 lbs

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