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BOSS STORM
3 HEAD WIDE BELT SANDER

MODELS

700R-R-RC

1300R-R-RC



282 Orenda Road, Brampton, ON, L6T 4X6



800.386.5222



www.bossmachines.com

PRODUCT DETAILS »

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 white and sky blue paint.
- ✓ Machine manufactured per CE regulations according to European general machine directive.
- ✓ Machine frame for forklift handling.

THE FIRST WORKING UNIT

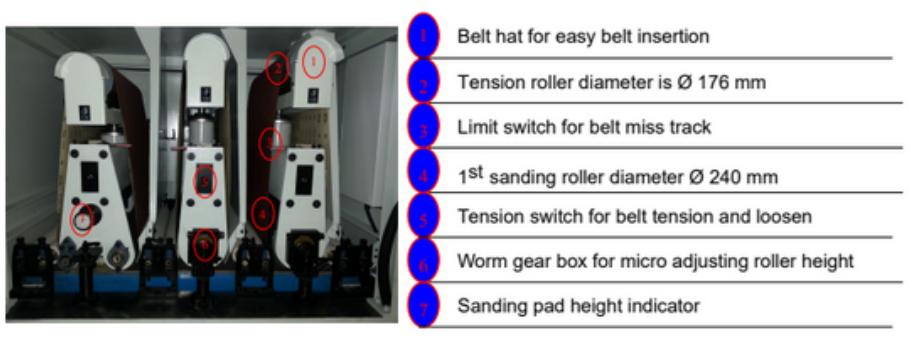
- ✓ Working unit with 240 mm diameter steel sanding roller complete with: sanding belt tension unit, electronic oscillation, dust hood, safety systems.
- ✓ Sanding roller with helicoidal grooves for cooling.
- ✓ Motor with one speed of rotation.

THE SECOND WORKING UNIT

- ✓ Same as 1st working unit except the roller is rubber with hardness shore 70

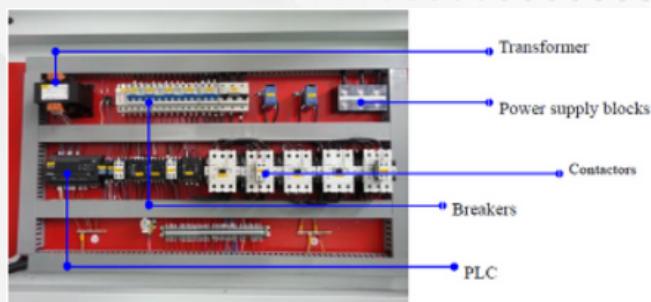
THE THIRD WORKING UNIT

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



ELECTRIC CABINET

- ✓ Electric cabinet on 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
- ✓ Electric cabinet built by standard CE rules.



PRODUCT DETAILS »

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



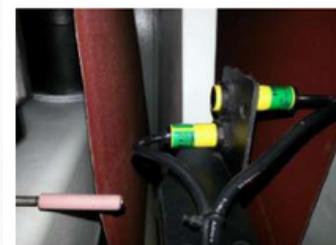
CONTROL UNIT

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



PNEUMATIC

- ✓ Pneumatic complete with filters - oil/air nebulizer.
Machine stop when air pressure drops below a minimum pressure.





SPECIFICATIONS >

BOSS STORM 700 R - R - RC

Working width	40 - 700 mm	Total power	54 HP
Working thickness	2.5 - 160 mm	First belt motor	20 HP
Shortest working length	365 mm	Second belt motor	20 HP
First roller diameter	Ø 190 mm	Third belt motor	10 HP
Second roller diameter	Ø 190 mm	Motors position	Inside
Third roller diameter	Ø 115 mm	Feeding motor	4 HP
Feeding speed	0 - 19 m/min	Lift & decline table height	0.34 HP
First belt speed	20 m/s	Brush motor	0.25 HP
Second roller speed	20 m/s	Working pressure	0.4 - 0.8 Mpa
Third belt speed	16 m/s	Compressed air consumption	1 CBM/min
Sanding belt size	730 x 1900 mm	Average speed of sucked air	30 m/s
Feeding belt size	705 x 3880 mm	Overall dimensions	2260 x 1270 x 1970 mm
Total power	54 HP	Weight	5070 lbs

BOSS STORM 1300 R - R - RC

First roller diameter	240 mm	First belt motor	30 HP
Second roller diameter	240 mm	Second belt motor	30 HP
Third roller diameter	210 mm	Third belt motor	20 HP
Working width	40 - 1300 mm	Motors position	INSIDE
Working thickness	2.5 - 150 mm	Feeding motor	5 HP inverter
Feeding speed	0 - 19 m/min	Lift & decline table height	0.5 HP
First belt speed	24 m/s	Brush motor	0.33 HP
Second belt speed	24 m/s	Working pressure	0.4 - 0.8 Mpa
Third belt speed	18 m/s	Compressed air consumption	1 CBM/min
Sanding belt size	1330 x 2200 mm	Overall dimensions	2700 x 2000 x 2120 mm
Total power	85 HP	Weight	10,800 lbs



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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.