



boss



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

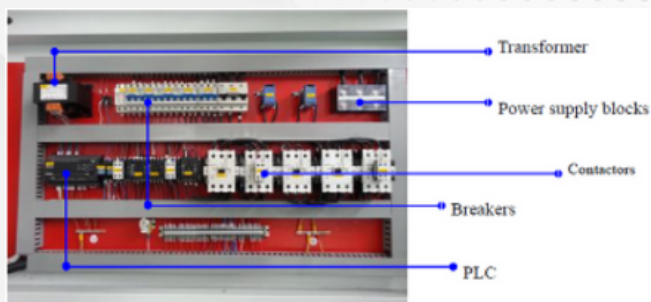
- ✓ Working unit is a combination of rubber roller and pad, with alloy rack, felt, graphite cloth complete with sanding belt tension unit, electronic oscillation, dust hood safety systems.
- ✓ Rubber roller is 210 mm in diameter and hardness shore 55.
- ✓ Sanding pad can easily be adjusted up and down.
- ✓ Motor with one speed of rotation.



- 1 Belt hat for easy belt insertion
- 2 Tension roller diameter is Ø 176 mm
- 3 Limit switch for belt miss track
- 4 1st sanding roller diameter Ø 240 mm
- 5 Tension switch for belt tension and loosen
- 6 Worm gear box for micro adjusting roller height
- 7 Sanding pad height indicator

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.





Belt oscillation adjustment

24V Solenoid valves

V belts

Disc brake




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.