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BRANDS OF DISTINCTION

Boss Kalahari 650R-RC 2 Head Wide Belt Sander Roller + Combination (Roller & Pad)



BASIC FEATURE:

WORKING WIDTH: 650MM

SERVICE SIDE: LEFT

MOTOR INSIDE

BRUSH UNIT FOR CLEANING BOARD



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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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.

MODEL SPC ITEM	Kalahari 650R-RC
Working width	40-650mm
Working thickness	3-150mm
Shortest working length	390mm
1 st roller diameter	Ø240mm
2 nd roller diameter	Ø140mm
Feeding speed	0-19m/min (with inverter)
First belt speed	22m/s
Second belt speed	14m/s
Sanding belt size	680*2200mm
Total power	38hp
First belt motor	20hp-4P
Second belt motor	15hp-4P
Lift & decline table height	0.5hp
Feeding motor	2hp
Brush motor	0.5hp
Air jet blower motor	0.033hp * 2 pcs
Working pressure	0.4-0.8Mpa
Compressed air consumption	1.5CBM/min
Overall dimension	2200*1250*2100mm
Weight	4850lbs

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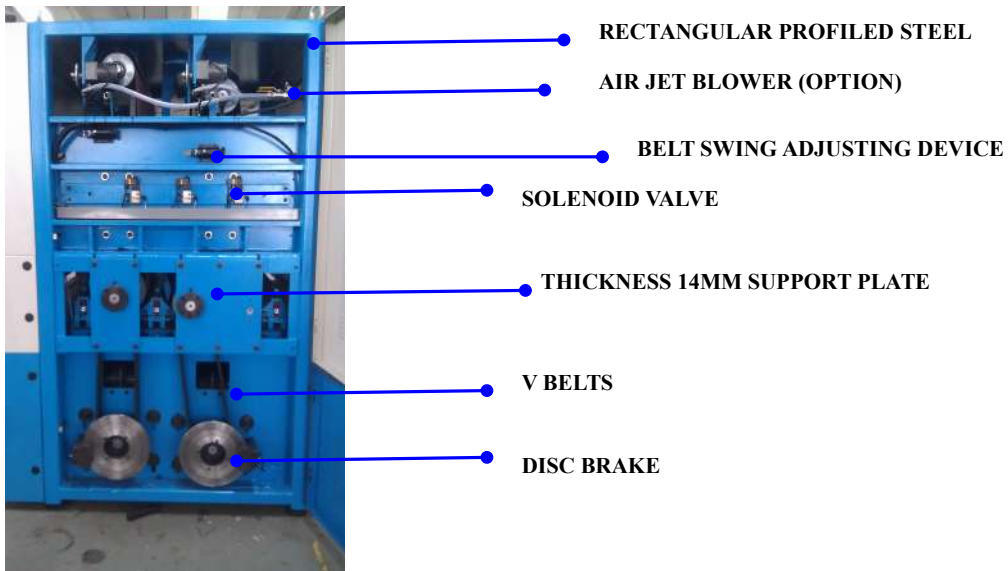


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MACHINE FRAME:

- ◆ 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.



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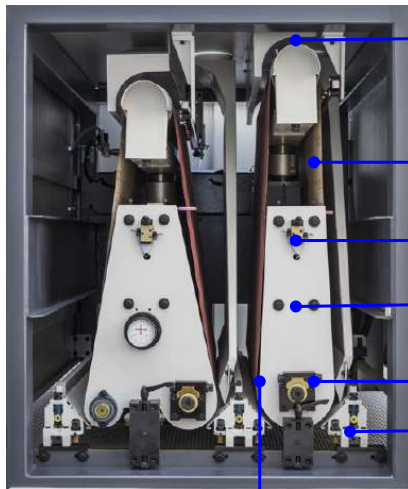
FEED SYSTEM:

- ◆ 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's rubber surface at appropriate hardness; top profile according to operation requirement.



THE FRONT 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

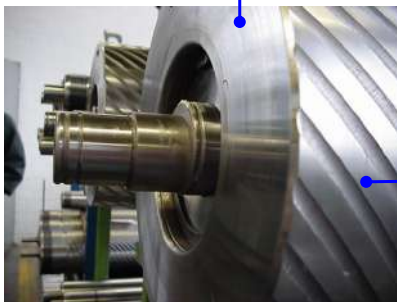
BELT SIZE:680*2200MM

BELT TENSION SWITCH

MACHINE PLATE CUT BY CNC MACHINE

ADJUST BAR FOR ECCENTRIC SHAFT

PRESSURE SYSTEM



DIAMETER 240MM

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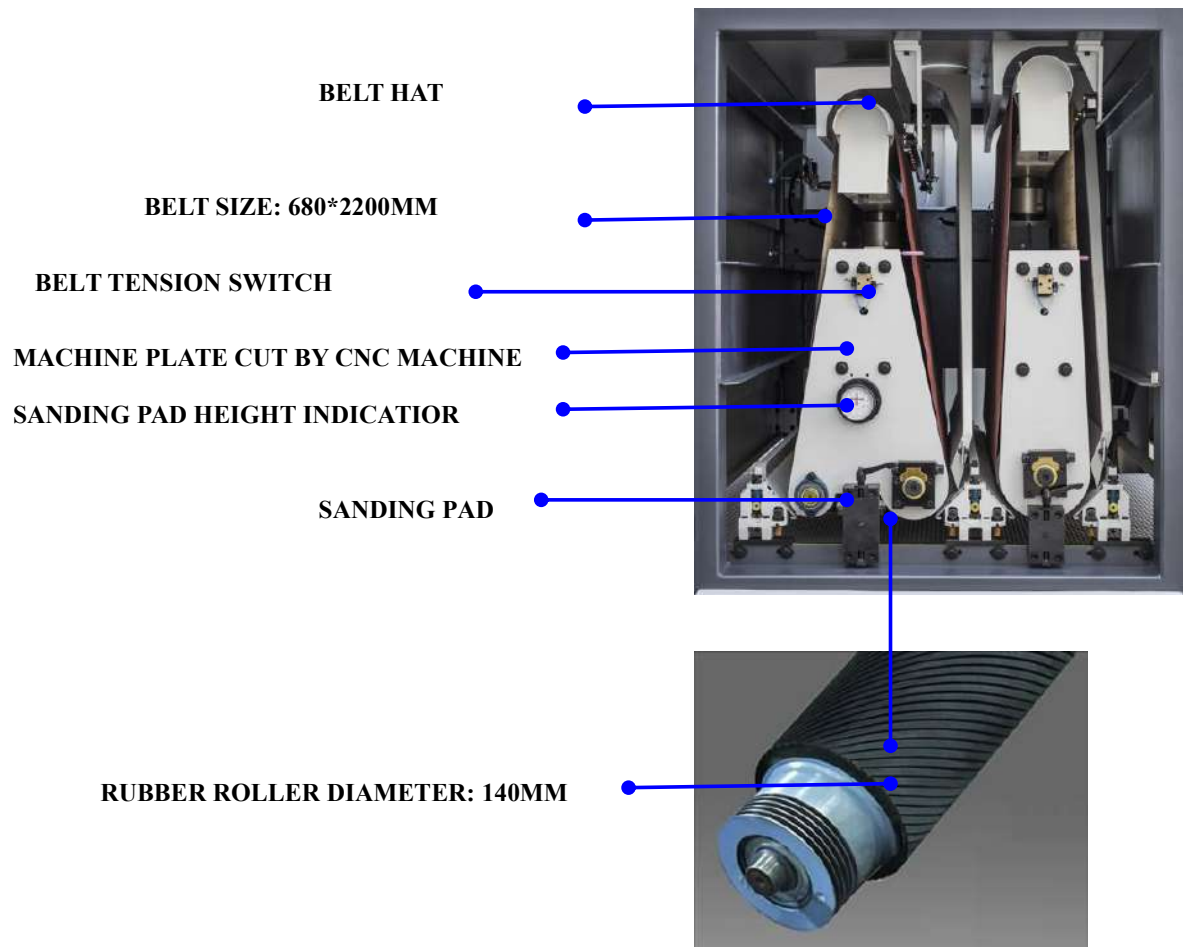


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THE REAR WORKING UNIT:

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 140mm diameter and hardness 70 shore. Sanding pad can be adjusted up and down easily. Motor with one speed of rotation.



ELECTRICAL CABINET:

- ◆ Electric 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.
- ◆ Electric cabinet built on standard CE rules.

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CONTROL UNIT:

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

PNEUMATIC PLANT:

Pneumatic plant complete with filters – oil/air nebulizer

Machine stops when the air pressure drops below a minimum.



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