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KALAHARI 2 HEAD WIDE BELT SANDER

MODELS

650R-RC

1100R-RC



282 Orenda Road, Brampton, ON, L6T 4X6



800.386.5222



www.bossmachines.com

FEATURES >>

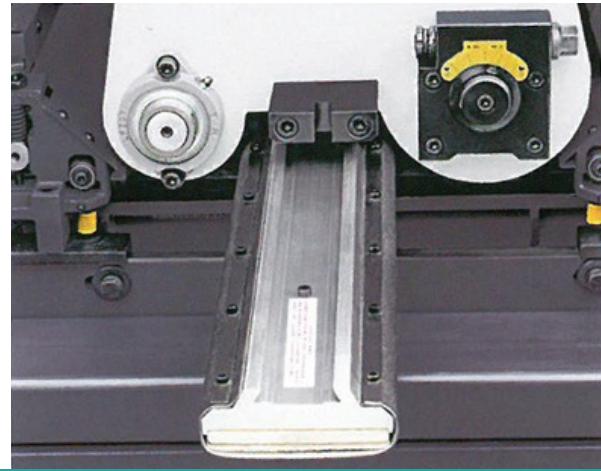
ROLLER - ROLLER/COMBINATION



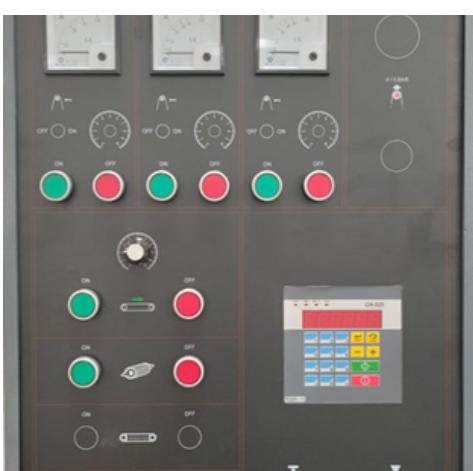
- » Heavy-duty steel structure engineered to eliminate distortion which generates maximum sanding precision
- » OPTIBLET™ triangle feed belt - no vibration/longer life
- » Automatic braking system which reduces belt breakage in the event of miss sanding belt tracking and/or power failure
- » Motorized air jet blowers to clean and cool sanding belt for longer life
- » SKF bearings, European electrics, dynamically balanced rollers, high efficiency gearbox with variable speed



2 Working units



Wider sanding pad - Specially designed for veneer and solid wood panels



Intuitive control Panel



Air Jet Blower for abrasive belt cleaning and cooling to extend belt life and increase sanding precision

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.
- ✓ Tower-type press rollers structure to ensure board stability while Sanding.

FEED SYSTEM:

- ✓ Table surface fine-grinded to avoid wear of the internal side of the feed belt.
- ✓ Feed belt with rubber surface at appropriate hardness; top profile according to operation requirement.
- ✓ Drive unit with motor variator for feed speed variation.
- ✓ Feed speed variable in continuous from 6 - 22 m/min.

THE FRONT WORKING UNIT:

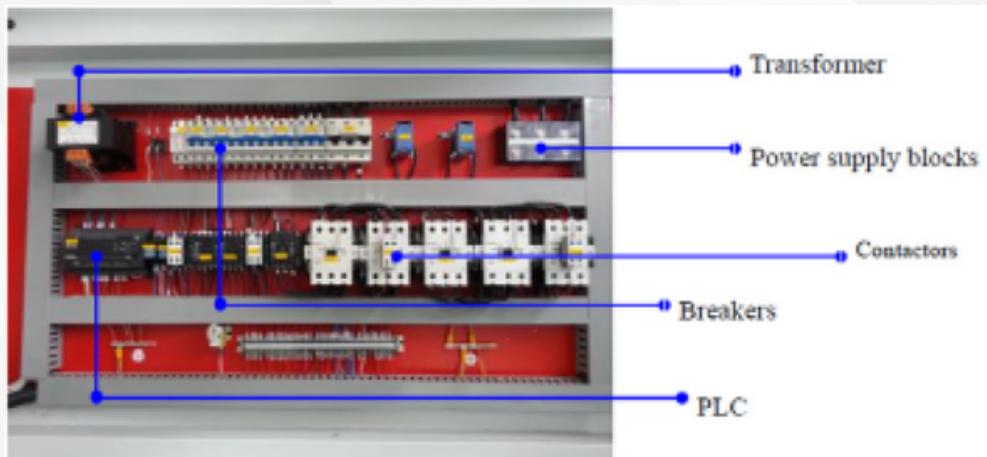
- ✓ The first working unit is a sanding roller (diameter 240mm). complete with sanding belt tension unit, electronic oscillation, dust hoods and, safety systems.
- ✓ Roller is steel and helicoidal grooves for cooling.
- ✓ Oscillating air jet blowers for sanding belt cleaning, complete with dust hood.

THE SECOND WORKING UNIT:

- ✓ Same as the first working unit except the roller is rubber with shore 85.
- ✓ Working unit is a combination of roller (diameter 180mm) and pad, complete with sanding belt tension unit, electronic oscillation, dust hood and, safety systems.
- ✓ Pad can be adjusted up and down.
- ✓ Oscillating air jet blowers for sanding belt cleaning, complete with dust hood.

ELECTRIC CABINET:

- ✓ Electric cabinet on the front side of the machine, includes a main switch.
- ✓ Push button and control panel at same side of sanding belt insertion.
- ✓ Electric cabinet built by standard CE rules UL approved



SPECIFICATION >>

KALAHARI 2 HEAD 650R-RC

Working width	40 - 650 mm	Total power	28.17 kW
Working thickness	3 - 150 mm	First belt motor	15 kW
Minimum working length	390 mm	Second belt motor	11 kW
Feeding speed	0-19 m/min (inverter)	Lift & decline table height	0.37 kW
1st roller diameter	240 mm	Brush motor	0.25 kW
2nd roller diameter	140 mm	Feeding motor	1.5 kW
First belt speed	22 m/s	Working pressure	0.4 - 0.8 Mpa
Second belt speed	14 m/s	Compressed air consumption	1.5 CBM/min
Sanding belt size	680 x 2200 mm	Overall dimension	2200 x 1250 x 2100 mm
Conveyor size	660 x 3880 mm	Weight	2200 kg

KALAHARI 2 HEAD 1100R-RC

Working width	40 -1100 mm	Total power	40.57 kW
Working thickness	3 - 150 mm	First belt motor	22 kW
Minimum working length	460 mm	Second belt motor	15 kW
Feeding speed	0-19 m/min (inverter)	Lift & decline table height	0.37 kW
1st roller diameter	240 mm	Brush motor	0.25 kW
2nd roller diameter	180 mm	Feeding motor	4 kW (inverter)
First belt speed	22 m/s	Working pressure	0.4 - 0.8 MPa
Second belt speed	16 m/s	Compressed air consumption	1.5 CBM/min
Sanding belt size	1130 x 2620 mm	Overall dimension	2300 x 1750 x 2300 mm
Conveyor size	1110 x 4000 mm	Weight	3500 kg



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