



BITELLI®

BB 730

PAVER FINISHER



The machine shown can be fitted with optional equipment

ENGINE

Make	Deutz F4L 2011F
4 Cylinders	air cooling system
Output at 2300 rpm (ISO 3046/1)	42 kW (56 HP)
Electric starting	12 V

SPEED

1 st gear (work)	0÷40 m/min
2 nd gear (work)	0÷85 m/min
3 rd gear (travel)	0÷10 km/h
4 th gear (travel)	0÷16 km/h

VIBRATING SCREED RB 320

Hydraulically extended screed width 1.70÷3.20 m (5'7"÷10'6")	
with 2 extensions (0.20 m (7") optional)	max 3.60 m (11'10")
with 4 extensions (0.20 m (7") optional)	max 4.00 m (13')
Paving width reduction (optional)	1.70÷0.65 m (5'7"÷25")
Smoother plate vibration frequency	
0÷3400 rpm	(0÷56.7 Hz)

SCREED RB 3200 T with TAMPER

Hydraulically extended screed width 1.70÷3.20 m (5'7"÷10'6")	
with 2 extensions (0.40 m (14") each) (optional)	max 4.00 m (13')
Paving width reduction (optional)	1.70÷0.65 m (5'7"÷25")
Tamp frequency	
0÷1700 rpm	(0÷28.3 Hz)
Heating	LPG

TECHNICAL SPECS

Transmission	hydrostatic
Steering bogey wheels	455 x 260 mm (18" x 10")
No. 2 drive wheels	365/80-R20
Steering	power steering
Turning radius - inside	
	3.00 m (9'10")
outside	
	5.20 m (17')
Operating weight (CECE reg.)	7200 kg (15.876 lbs)
Hopper capacity (tunnel included)	7.5 t (8 ton)
Hopper discharge height - at centre	
	480 mm (19")
at sides	
	520 mm (20.5")
Augers	Ø 260 mm (10.2")

PERFORMANCES

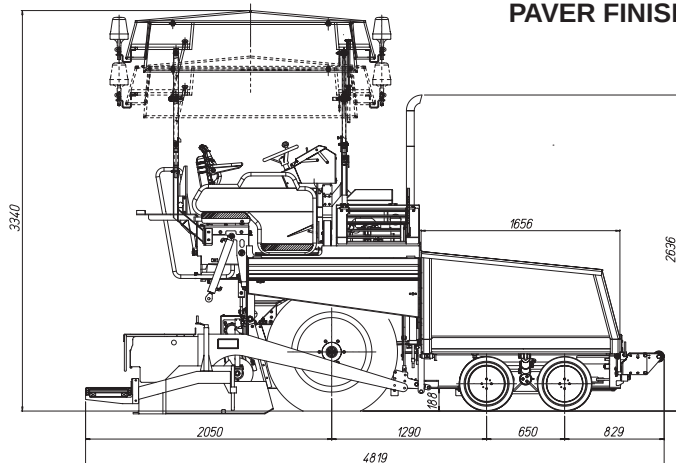
Max production	120 t/h (132 tph)
Mat thickness	5÷250 mm (0.2"÷10")

TANK CAPACITIES

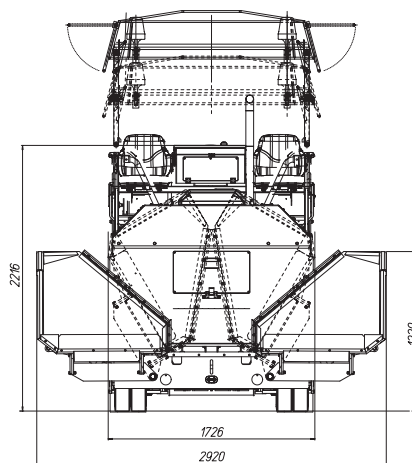
Fuel	79.5 l (21 gal)
Hydraulic oil	85 l (22.5 gal)
Ecological liquid	32 l (8.5 gal)

Maximum performances cannot be obtained simultaneously.

PAVER FINISHER BB 730



DIMENSIONS: mm



CARRIAGE: triple-axle carriage with two steering and one driving.

The four steering bogey wheels are fitted to the front oscillating axle rocker arms. The two rear tires are filled with a calcium chloride solution for operation at temperatures up to -25°C (-13°F). The wide tread section of the rear tires guarantees excellent maneuverability and traction performance.

TRANSMISSION: hydrostatic. A variable displacement pump feeds a double displacement axial piston motor directly splined to a two speed gearbox with a self-locking differential. Servo-assisted four speed gearbox (two mechanical and two hydraulic). Geared final transmission (without chains) in oil bath to ensure long-life operation and minimum servicing. An electric servo-control consents machine starting and stopping (for asphalt supply, etc.) with no preset working speed variation.

Operating and travel speeds are infinitely variable.

SCREEDS RB 320 and RB 3200 T: the easy modification of the screed axis allows modifications of shapes (V A W M) with different camber angles (+4.5% and -2.5%) according to job requirements.

Vibrator system (RB 320) and tamper (RB 3200 T) can be engaged manually or automatically when the machine advances.

During operation vibrator or tamper adjustment can be controlled manually using a flow regulator.

Both screeds are fitted with electronic ignition and automatic adjustment of the smoothing plate temperature.

BRAKES: the hydrostatic drive acts as the service brake; the safety brake and parking brakes are mechanical multi-disk brakes with spring-applied hydraulic control.

The safety brake can be applied by pedal from the operator's driving position.

DRIVING POSITION AND CONTROLS: the two operator's seats, fitted on sliding platforms, can be positioned outside the machine frame.

The console panel is fully equipped with warning lights and main operating and travel controls can be positioned in both driving positions.

Vibrator or tamper control is located at the rear of the machine depending on the screed model fitted.

All solenoid valves of the hydraulic system can be manually operated. All main components are at easy reach for both routine and emergency maintenance.

HOPPER AND FEEDING SYSTEM: the independent movement of the two side wings is obtained by means of two hydraulic cylinders. The bottom plate of the hopper is built of wear-resisting steel. Two adjustable push rollers are fitted to the front of the hoppers.

Two conveyors, made of wear-resisting steel, are independently controlled from the driving position in manual mode. In automatic mode, four pallets adjust material flow by controlling auger and conveyor rotation.

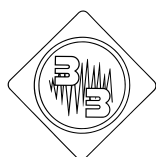
Reversible augers and conveyors are fitted to guarantee a homogeneous material distribution before the screed.

A pair of auger extensions are supplied with the machine as standard equipment.

LIGHTING SYSTEM: fully equipped with work and travel lights for road circulation.

ON REQUEST:

- Folding canopy
- Hydraulic raising canopy
- Automatic levelling devices:
 - Grade control, mechanical
 - Combined ultrasound grade control, electronic and mechanical
 - Digital ultrasound grade control with 5 sensors
 - Slope control
 - Digital slope control
- Autoleveling ski 6.00 m for grade control
- Paving width reduction elements for 0.65 m
- Mechanical extension elements with auger extensions for paving widths up to 3.60 m (only for RB 320 screed)
- Mechanical extension elements with auger extensions for paving widths up to 4.00 m
- Biodegradable hydraulic oil
- Additional lighting system for hydraulic raising canopy



BITELLI®

Via IV Novembre, 2 - 40061 MINERBIO (Bologna) - ITALY
Tel. +39-051-6607111 - Fax +39-051-6607115
www.bitelli.com



Nr 50 100 1344 Certified
UNI EN ISO 9001:2000