

BITELLI®

BB 632

PAVER FINISHER



The machine shown can be fitted with optional equipment

ENGINE

Make	Deutz F4L 1011
Cylinders	4
Cooling system	air
Output at 2600 rpm (DIN 6271)	38 kW (51 HP)
Electric starting	12 V

SPEED

1 st gear (work)	0÷51 m/min
2 nd gear (travel)	0÷ 12 km/h

SCREED RB 320

Hydraulically extended screed width	1.70÷3.20 m
with 2 extensions (0.20 m each) (optional)	max 3.60 m
with 4 extensions (0.20 m each) (optional)	max 4.00 m
Laying width reduction (optional)	1.70÷0.65 m
Smoothing plate width	265 mm
thickness	10 mm
Heating	LPG
Smoothing plate vibration frequency	
0÷3400 rpm	(0÷56.7 Hz)

TECHNICAL SPECS

Transmission	hydrostatic
Steering bogie wheels	455 x 260 mm
No. 2 drive wheels	14.5-20
Steering	power steering
Turning radius - inside	3.00 m
outside	5.20 m
Operating weight (CECE reg.)	6300 kg
Hopper capacity (tunnel included)	7.5 t
Hopper discharge height - at centre	480 mm
at sides	520 mm
Augers	Ø 260 mm

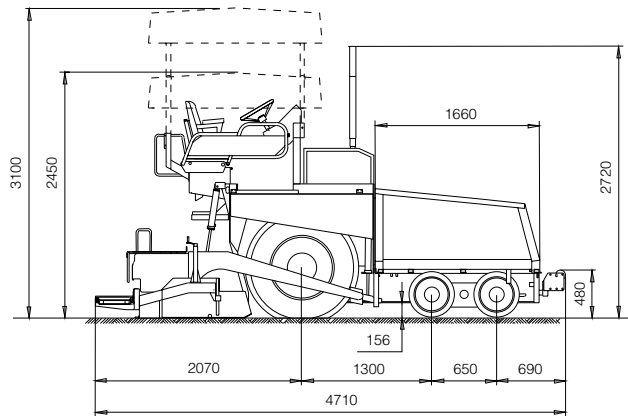
PERFORMANCES

Max production	120 t/h
Mat thickness	5÷ 250 mm

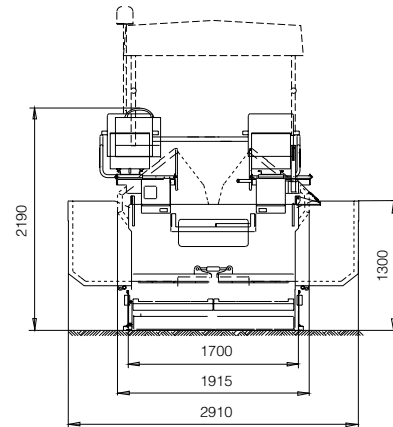
TANK CAPACITIES

Fuel	70 l
Hydraulic oil	63 l
Ecological liquid	32 l

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DIMENSIONS: mm



CARRIAGE: three axle carriage with two steering axles and one drive axle.

Four steering bogie wheels, mounted to the front oscillating axle rocker arms, and the large tread section of the rear tyres guarantee excellent manoeuvrability and traction.

TRANSMISSION: hydrostatic. A variable displacement pump feeds a fixed displacement axial piston motor directly splined to a two speed gearbox with a self-locking differential. Geared final transmission and gearbox (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 pre-set working speed variation.

Operating and travel speeds are infinitely variable.

SCREED RB 320: the easy modification of the screed axis allows modifications of shapes (V\W\M) with different camber angles (+4.5% and -2.5%) according to job requirements. Vibrator system can be engaged automatically when the machine advances.

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

Electronic ignition and automatic adjustment of the smoothing plate temperature is available on request.

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

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

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

The console panel can also be positioned in both driving positions.

CONTROLS: the console panel is fully equipped with warning lights and main operating and travel controls.

Vibrator control is located at the rear of the machine.

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 can be fitted on request 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.

ON REQUEST:

- FOLDING CANOPY
- Automatic LEVELLING devices:
 - GRADE control, mechanical
 - DIGITAL ULTRASOUND GRADE control with 5 sensors
 - COMBINED ULTRASOUND GRADE control, electronic and mechanical
 - SLOPE control
 - DIGITAL SLOPE control
- LAYING WIDTH REDUCTION elements for 0.65 m
- MECHANICAL EXTENSION ELEMENTS with auger extensions for laying widths upto 3.60 m
- MECHANICAL EXTENSION ELEMENTS with auger extensions for laying widths upto 4.00 m
- BURNERS ELECTRONIC IGNITION with automatic adjustment of screed temperature
- Proportional augers speed with ULTRASOUND electronic CONTROL and DRIVE
- REVERSIBLE AUGERS
- SCREED ASSIST
- SCREED CONTROLS on console panel
- BIO-HYDRAULIC OIL



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