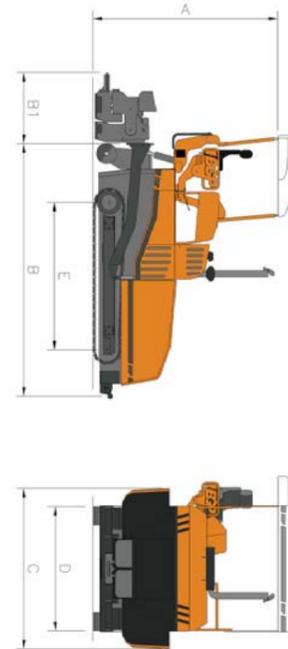


Specification

Drive - Standard Engine:	
Engine Model	John Deere Turbocharged
Engine Power	129kW / 169HP at 2200 rpm
Engine Cooling	Water Cooled
Engine Fuel	Diesel
Paving Widths - BGP V25 - 50	
Standard hydraulic paving width closed	2.5 metres
Standard hydraulic paving width open	5.0 metres
Basic width open + mechanical extensions	6.0 metres
Capacities	
Hopper Capacity	15.8 Tonnes
Hydraulic System	220 Ltrs
Fuel Tank	150 Ltrs
Material Throughput	
Production Rate	460 Tonnes per hour
Paving Depth	0 - 300mm
Speeds	
Travel Speed	0 - 29 / 0 - 47 m/min
Paving Speed	0 - 4.8 km/hr
Dimensions	
Length (Tractor unit only - Dimension B)	4.30 metres
Length (With BGP V25-50 - Dimension B + B1)	5.45 metres
Operating Width (Dimension C)	3.27 metres
Operating Height (Dimension A)	2.90 metres
External Of Track Drives (Dimension D)	2.47 metres
Track Centres (Dimension E)	2330mm
Truck Entry Dimensions	
Height Centre	420mm
Hopper Floor	615mm
Shipping Dimensions	
Shipping Height	2.36 metres
Shipping Width	2.50 metres
Weight	
With V25-50 (Standard build unit)	13,700 Kg
With MDTV25-50	15,400 Kg



A	Minimum Height	2.90m	Operating Height	2.90m	Shipping	2.36m
B	Tractor Unit Only	4.30m	Length	4.30m		
B + B1	With BGP V25-50 Screed	5.45m	Length	5.45m		
C	Operating Width	3.27m	Shipping	2.50m		
D	External Of Track Drives	2.47m				
E	Track Centres	2330 mm				
F	Truck Entry	420mm	Hopper Floor	615mm		
	Weight	13,700 Kg	With BGP V25-50 Screed			

ANTICIPATING YOUR TOMORROW

BGP

THE PURSUIT OF EXCELLENCE

C14



Power Unit: 129kW - 169HP Tier 3 John Deere Turbocharged water cooled diesel engine

Paving Width: 2.5 - 5.0 metres (Maximum 6.0 metres) - BGP V25-50
2.5 - 5.0 metres (Maximum 7.0 metres) - MDT 25-50

Weight: 13,700 / 15,400 Kg

Productivity: 460 Tonnes per hour



Dealers Stamp



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Website: www.bgp-group.co.uk

*We reserve the right to alter or amend our equipment without prior notification. This brochure is neither warranty expressed or implied.



Big Power - Lasting Performance

Modern Water Cooled: John Deere engine produces up to 129kW / 169HP. Efficient design and direct fuel injection results in low fuel consumption and reduced emissions enabling the power unit to comply to Tier 3 Emissions standard.



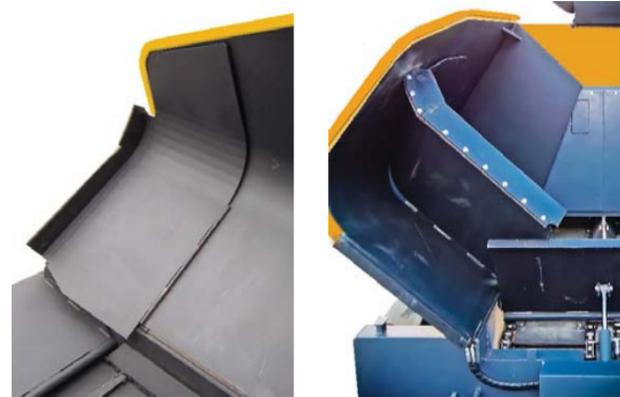
Impressive Traction

Impressive length track system provides low ground bearing pressure. Robust track design, solid track frame structure and build, together with 8 lower roller support and automatic hydraulic track tension, ensure a prolonged service life and low maintenance are key features of the C14 track undercarriage system.



Hinged Hydraulic Apron Plate

Independent switch operated hinged hopper front apron plate and hopper liners prevents material spillage out of the front receiving hopper benefitting overall machine screed level control whilst enhancing operator safety by significantly reducing manual clearing of material residue in the front receiving hopper area



Operator Visibility and Comfort

High operator ergonomic consideration is a key feature of the BGP C14. The swivel operators console provides fatigue free operation and greater panoramic visibility to the operator.

The large operator console swivels out to provide maximum visibility to the steering guide, Auger chamber, side and rearwards towards the screed unit. The single operation console traverses the machines deck via a simple flick switch operation.

These elements combine to ensure an operator workstation which is comfortable to maintain operator efficiency throughout the working day.



Optional Equipment

Available Options & Accessories

Hydraulic raise and lower Auger height adjustment

Centralised lubrication grease system

Contact and Non Contact Screed Auto Level controls

Screed assist and timed delay screed lock system

Electric screed heating

Hydraulic tamping screed unit

Noise reduction kit

Travelling straightedge

Folding GRP canopy

Hinged Hopper Apron Plate

Fume extraction system

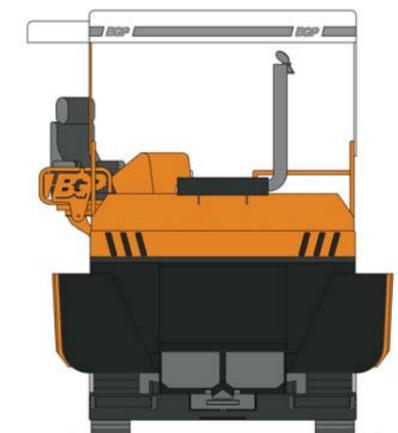
Flood Lighting

Forward Glass Windscreen

Ultrasonic material feed sensors

Screed power crown adjustment

Screed extension kits

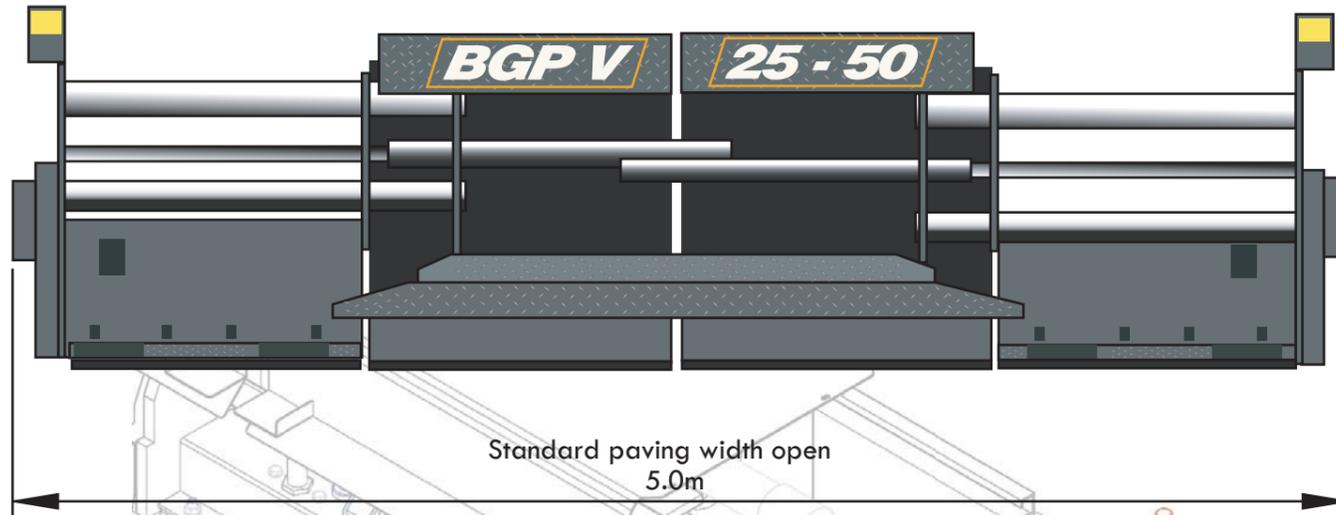
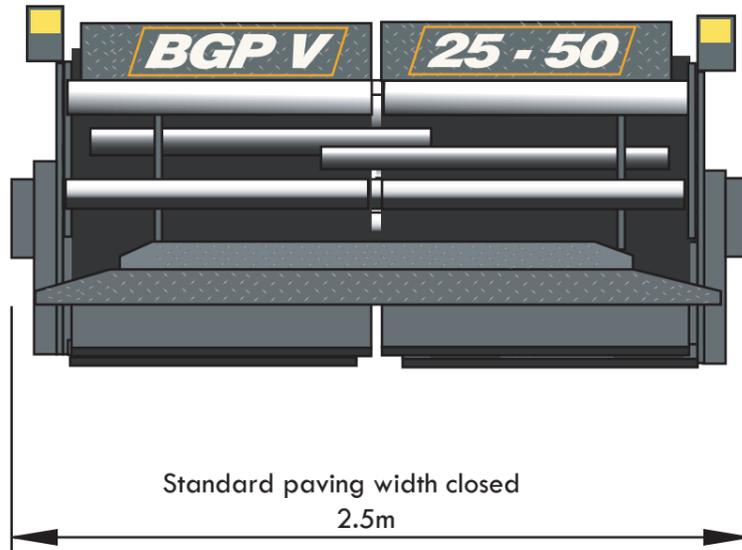


Precise Paving Performance

Delivering long term consistent and precise performance with ease is the **BGP V25-50** hydraulic screed units natural proven ability. With its twin hardened chrome solid support rods and unique torque arrestor mechanism the **BGP V25-50** produces exacting paving results. The **BGP V25-50** provides a standard width of 2.5 - 5.0 metres and a maximum of 6.0 metres paving width with the addition of mechanical extensions

Assured Maintenance

Exact quantity lubrication at precise intervals is available to the BGP screed unit. Automatic centralised time scheduled greasing on the vibrator circuits provides the precise amount required.



Uncomplicated Design Operation

Effortless 'on the move' adjustments of the **BGP V25-50** screed units. Crown Control (5% positive to 1 % negative). Extension alignment of height to the main screed section and vibration speed control (all without wrenches or spanners) ensures the **BGP V25-50** is one of the most user friendly screeds available today.



Practical Simplicity

All electrical switch operations controlling The **BGP V25-50** screed functions are mounted within a simple yet unique swivel switch control box which provides vandal protection eliminating the need for loose coiled cables and the necessity of unplugging pendant controls at the end of each days work.



Easy Access

Ease of access for the purpose of emergency manual operation to key paving functions (Augers-Conveyors-Hoppers-Screed functions etc) is a feature not overlooked on the **BGP C14**. Large sliding and hinged bonnets provide speedy access when the occasion demands.



Quality Electrical Plant

This is a key area to any Asphalt Paver and the BGP C14 electrical plant and layout is a well proven high quality system which retains simplicity, reliability and combines rugged and practical installation with visual fault finding hardware.



Proven Reliability

Proven reliability: Results from tried and tested hydraulic systems and controls. Single auxiliary service manifolds offers neat one source location reducing bulk hydraulic pipe runs. Attention to detail and maintenance has not been overlooked on the BGP C14's auxiliary hydraulics with simple manual override and instant visual electric operation checks a built in feature.



Sliding Seat Console

The power slide operators console which also pivots to provide fatigue free comfort and excellent operator visibility to all key paving areas is an important operational benefit of the BGP C14 unit. Traversing the operators console across the width of the machine is a simple flick switch function which requires no effort.



A Latest generation console with colour LCD display (with automatic adjustment for sunlight) has clearly laid out switch gear in logical and ergonomic positions which for the operator soon become second nature.



The BGP C14 is a most impressive compact paving unit, which delivers high standards of all round performance-production-versatility and above all "satisfaction" to its users.

The BGP C14 has gained an enviable reputation for its substantial traction, ease and simplicity of operation, excellent manoeuvrability and a screed unit which hydraulically operates at double its basic closed width (2.5 - 5.0 metres).

C Wide receiving hopper with a large holding capacity. High angled folding hopper wings and proportional speed bar conveyors reaching right to the front of the machine ensure smooth material throughput.



B Substantial sized Conveyor and Auger components on the BGP C14 deliver efficient and consistent material throughput to the screed unit. Variable Auger and Conveyor speeds ensures precise material control, enhancing the screed's stability and level control. Both the Auger and Conveyor systems benefit from a reverse operation function.



D Ease of access for the purpose of manual operation of key paving functions. Lockable side panels provide full access when needed.



E Heavy duty fibreglass canopy folds easily for transportation. The canopy is equipped with extending sections to offer operator protection when the operators console is positioned outboard. Optional fold away windscreen is available



F Quality - Simplicity - Reliability are paramount and commence from, within our in-house design department and continue to feature through each of the BGP C14's build stages.

