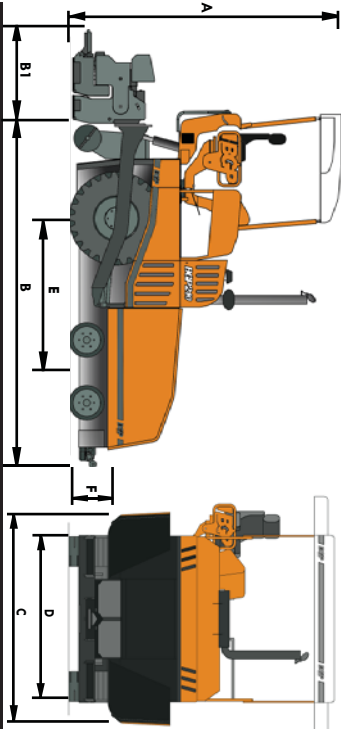


Specification

Drive - Standard Engine:			
Engine Model	JCB Turbocharged 4 Cylinder		
Engine Power	81kW / 108hp at 2200 rpm		
Engine Cooling	Water Cooled		
Engine Fuel	Diesel		
Drive - Optional Engine:			
Engine Model	JCB Turbocharged 4 Cylinder		
Engine Power	97kW / 130hp at 2200 rpm		
Engine Cooling	Water Cooled		
Engine Fuel	Diesel		
Paving Widths		V25 - 50	T25-50
Standard hydraulic paving width closed	2.5 metres	2.5 metres	
Standard hydraulic paving width open	5.0 metres	5.0 metres	
Basic width open + mechanical extensions	7.0 metres	6.5 metres	
Capacities			
Hopper Capacity	12 Tonnes		
Hopper Capacity Including Tunnel	13.0 Tonnes		
Hydraulic System	220 Ltrs		
Fuel Tank	150 Ltrs		
Material Throughput			
Production Rate	360 Tonnes per hour		
Paving Depth	0 - 300mm		
Speeds			
Travel Speed	0 - 29 / 0 - 47 m/min		
Paving Speed	0 - 12 / 0 - 19 km/hr		
Dimensions			
Length (Tractor unit only - <i>Dimension B</i>)	4.20 metres		
Length (With V25-48 - <i>Dimension B + B1</i>)	5.28 metres		
Length (With TV25-48 - <i>Dimension B + B1</i>)	5.45 metres		
Length (With T25-48 - <i>Dimension B + B1</i>)	5.45 metres		
Operating Width (<i>Dimension C</i>)	3.27 metres		
Operating Height (<i>Dimension A</i>)	2.90 metres		
External Of Drive Tyres (<i>Dimension D</i>)	2.47 metres		
Axle Centres (<i>Dimension E</i>)	1960mm		
Truck Entry Dimensions			
Height Centre	420mm		
Hopper Floor	615mm		
Shipping Dimensions			
Shipping Height	2.36 metres		
Shipping Width	2.50 metres		
Weight		V25-50	T25-50
		11,600 Kg	12,800 Kg



A	Minimum Height	2.90m
B	Tractor Unit Length	4.20m
B + B1	With V25-50 Screed	5.28m
C	Operating Width	3.27m
D	External Of Drive Tyres	2.47m
E	Axle Base Centres	1.96m
F	Truck Entry Height Centre Hopper Floor	420mm / 615mm
	Weight With V25-50 Screed	11,600 Kg
	Weight With T25-50 Screed	12,800 Kg

Product improvement is a continuous goal at BGPavers. Designs and specifications are subject to change without notice or obligation.

BGP Group ... Higher Walton ... Preston ... England ... PR5 4DZ

Tel: +44 (0) 1772 697007

Fax: +44 (0) 1772 697067

E-mail: info@bgp-group.co.uk

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.

ANTICIPATING YOUR TOMORROW

BGP
210
THE PURSUIT OF EXCELLENCE



Power Unit:	81kW / 108HP JCB Turbocharged 4 cylinder water cooled diesel engine
Paving Width:	2.5 - 5.0 metres (Maximum 7.0 metres) BGPV25-50
*Optional Screed Unit	2.5 - 5.0 metres (Maximum 6.5 metres) BGPT25-50
Weight:	11,600 Kg - 12,800 Kg
Productivity:	360 Tonnes per hour



210

www.bgp-group.co.uk

Big Power - Lasting Performance

Modern Water Cooled: JCB Tier 5 Dieselmix engine produces up to 81kW / 108HP. Efficient design and direct fuel injection results in low fuel consumption and reduced exhaust emissions enabling the power unit to comply to Tier 5 Emissions standard.



Easy Access

Ease of access for the purpose of emergency manual operation to key paving functions (Auger position - Hoppers - Screed functions etc) is a feature not overlooked on the **BGP 210**. 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 electrical plant and layout is a well proven high quality system which retains simplicity, reliability and combines rugged and practical installation with visual LED fault finding hardware.



Operator Visibility and Comfort

High operator ergonomic consideration is a key feature of the **BGP 210**. The swivel operators console provides fatigue free operation and greater panoramic visibility to the operator.

The large operator console swivels outboard to provide maximum visibility to the steering guide, Auger chamber, side and rearwards towards the screed unit. The single operators 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

Front wheel drive system (2WD or 4WD)

Noise reduction kit

Travelling straightedge

Folding canopy

Hinged Hopper Apron Plate

Fume extraction system

Flood Lighting

Hydraulic tamping screed unit

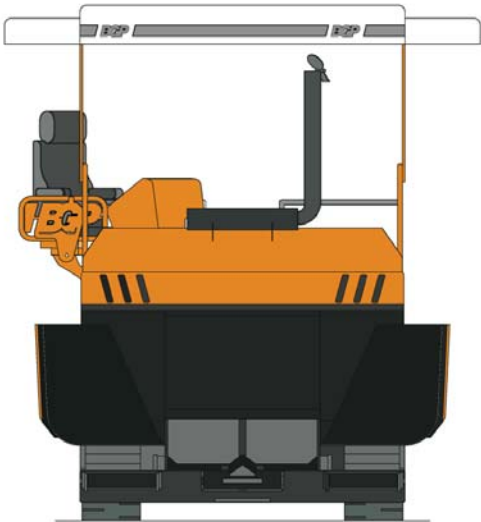
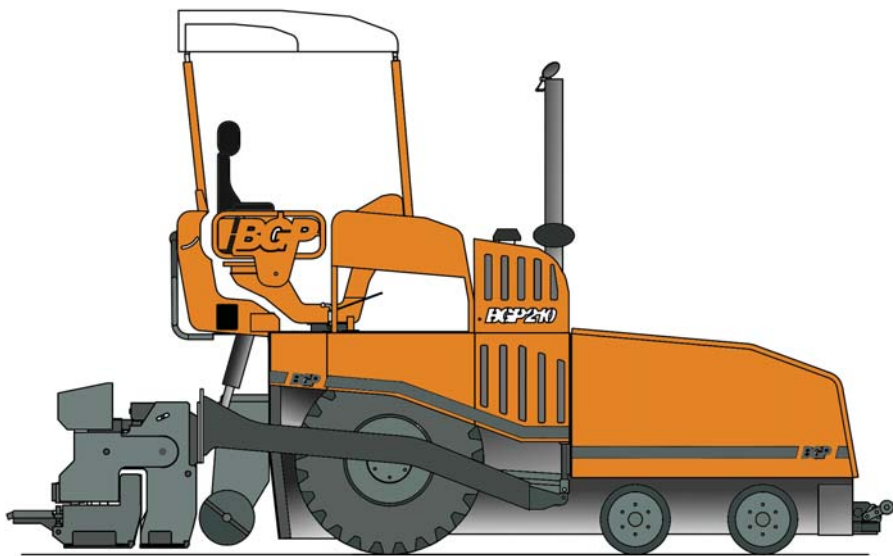
Ultrasonic material feed sensors

Screed power crown adjustment

Screed extension kits

Electric adjustable screed sideplates

Heated screed sideplate

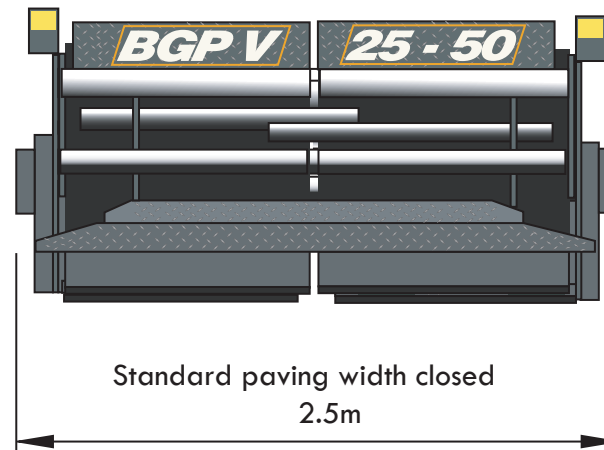


Precise Paving Performance

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

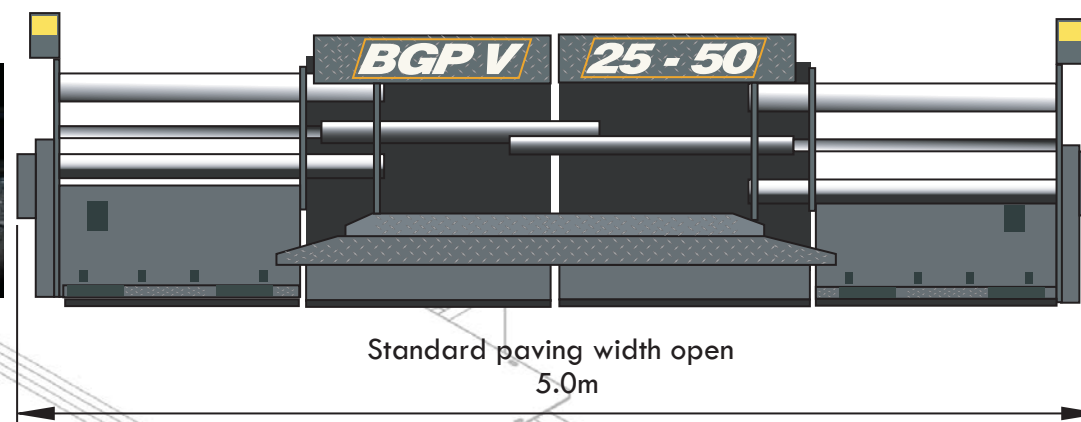
Assured Maintenance

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.



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.



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.



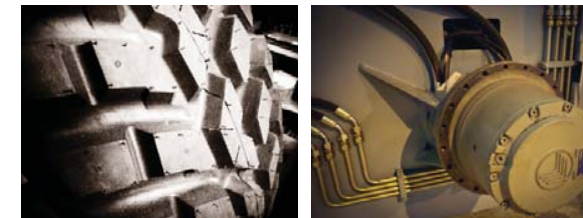
Electric Adjustable Side Plates

Switch operated spring cushioned electric actuator control the screed side plates for precise joint matching. Heated bottom running strips eliminates material pick up.



Impressive Traction

Impressive traction is provided from the heavy planetary style drive system, which supplies ample torque to the oversized wide footprint hydroflated drive tyre. The **BGP 210**'s Planetary drive system features a hydraulic differential lock and independent select a brake slew steering to maximise the machines traction capabilities and manoeuvrability.

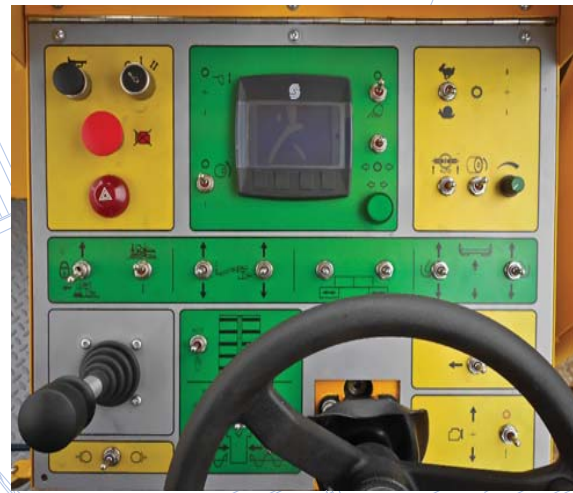


- ▶ Maximum power transmission thanks to individual hydraulic drives provided for the rear wheels. The flexible tyre design has a large contact surface for high tractive effort.
- ▶ The **BGP 210**'s front steer wheels are mounted on an oscillating pivot axle to ensure consistent ground contact whilst compensating surface irregularities.
- ▶ Spin-turn braking: The **BGP 210** has the ability to rotate 180 ° within its own length. This feature allows the machine to pave much closer to the end of the paving run, reducing the final handwork considerably. The spin turn braking also sees the **BGP210** as a paving unit with exceptional manoeuvring capabilities when working in confined spaces.
- ▶ Additional traction is available to the machine's main drive capability from the optional load sensing hydraulic front wheel drive system. The variable torque system provides the machine operator with instant control of the delivered power. The front wheel drive system also includes hydraulic differential lock functions.

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





The BGP 210 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 210 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).

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



B Substantial sized Conveyor and Auger components on the **BGP 210** deliver efficient and consistent material throughput to the screed unit. Both the Auger and Conveyor systems benefit from a reverse operation function.

F Quality - Simplicity - Reliability are paramount and commence from, within our in-house design department and continue to feature through each of the BGP 210's build stages.



C Wide receiving hopper with a large holding capacity. High angled folding hopper wings and bar conveyors reaching right to the front of the machine ensure smooth material throughput. Inner radius profiled hopper design helps eliminate material segregation



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



Travelling multi sensor levelling system with folding hardware ensures precise and accurate control takes only minutes to install and set up.

