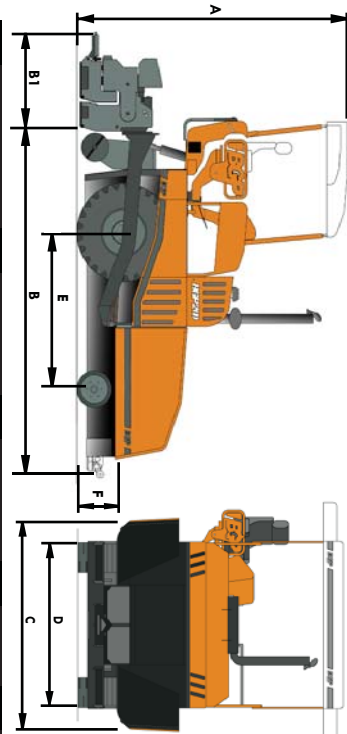


Specification

Drive - Standard Engine:	
Engine Model	JCB Turbocharged 4 Cylinder
Engine Power	55kW / 73HP at 2200 rpm
Engine Cooling	Water Cooled
Engine Fuel	Diesel
Paving Widths - V18 - 35	
Standard hydraulic paving width closed	1.8 metres
Standard hydraulic paving width open	3.5 metres
Basic width open + mechanical extensions	4.5 metres
Capacities	
Hopper Capacity	8.0 Tonnes (inc. tunnel)
Hydraulic System	130 Ltrs
Fuel Tank	85 Ltrs
Material Throughput	
Production Rate	180 Tonnes per hour
Paving Depth	0 - 200mm
Speeds	
Travel Speed	0 - 11 km/hr
Paving Speed	0 - 68 m/min
Dimensions	
Length (Tractor unit only - Dimension B)	3.80 metres
Length (With V18-35/V17-34 - Dimension B + B1)	5.01 metres
Operating Width (Dimension C)	3.00 / 2.90 metres
Operating Height (Dimension A)	2.49 metres
External Of Drive Tyres (Dimension D)	1.71 / 1.61 metres
Axle Centres (Dimension E)	1910mm
Truck Entry Dimensions	
Height Centre	450mm
Hopper Floor	615mm
Shipping Dimensions	
Shipping Height	2.26 metres
Shipping Width with V18-35	1.80 metres
Shipping Width with V17-34	1.70 metres
Weight	
With V18-35	7,400 Kg
With V17-34	7,100 Kg

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



A	Minimum Height	B	Length	B + B1	Length	C	Width	D	Wheel Base	E	Axle Base	F	Truck Entry	Weight
Operating 2.49m		Tractor Unit Only 3.80m		With V18-35 V17-34 Sced 5.01m		Operating with V18-35 3.00m	Operating with V17-34 2.90m	External Of Drive Tyres: With V18-35 1.71m		1.91m		Height Centre 450mm		With V18-35 Sced 7,100 Kg
Shipping 2.26m						Shipping with V18-35 1.80m	Shipping with V17-34 1.70m	With V17-34 1.61m				Hopper Floor 615mm		With V17-34 Sced 7,200 Kg

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
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ANTICIPATING YOUR TOMORROW



Power Unit: 55kW / 73HP JCB Dieselmex turbocharged water cooled diesel engine

Paving Width: 1.8 - 3.5 metres Hydraulic Extending (Maximum 4.5 metres)

Optional Paving Width: 1.7 - 3.4 metres Hydraulic Extending (Maximum 4.0 metres)

Weight: 7,400 / 7,100 Kg

Productivity: 180 Tonnes per hour



Big Power - Lasting Performance

Modern Water Cooled: 4 Cylinder JCB Dieselmix engine produces up to 55kW / 73HP. Efficient design and direct fuel injection results in low fuel consumption and reduces emissions enabling the power unit to comply to Tier 5 Emissions standard.



Operator Visibility and Comfort

High operator ergonomic consideration is a key feature of the BGP 200. 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.



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 fault finding hardware.



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 200. Large sliding and hinged bonnets provide speedy access when the occasion demands.



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

Noise reduction kit

Travelling straightedge

Folding GRP canopy

Hinged hopper apron plate with LED Safety Lighting

Fume extraction system

Hydraulic driven generator night lighting system

Forward Glass Windscreen

Ultrasonic material feed sensors

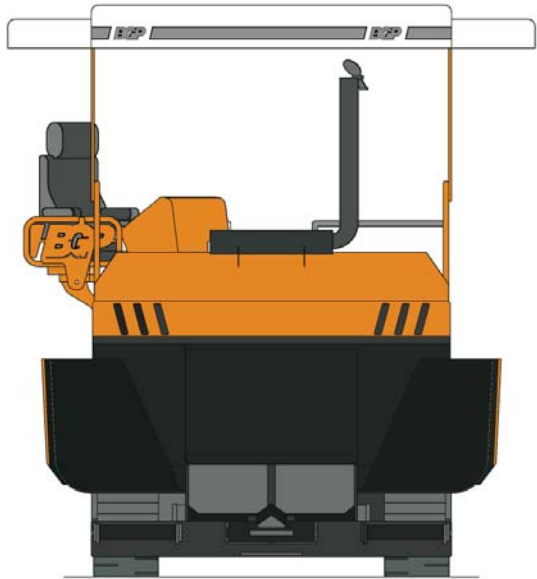
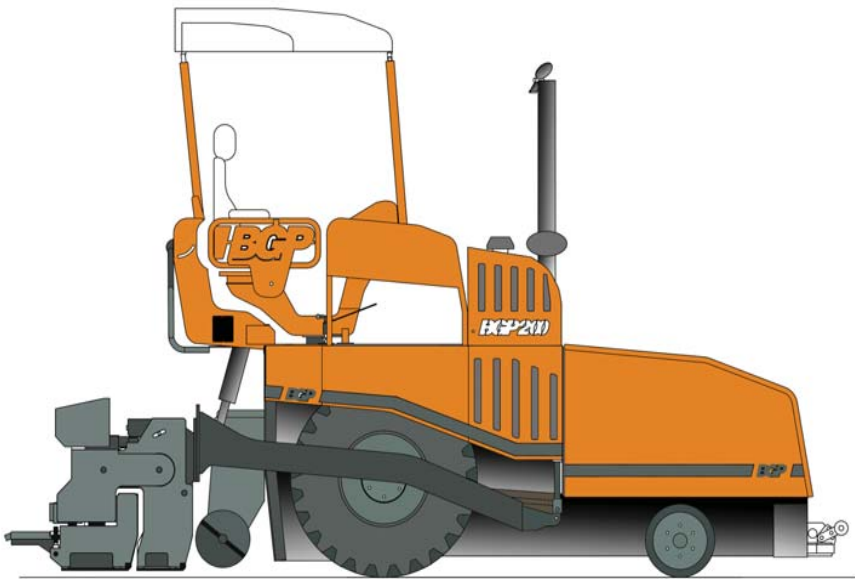
Screed power crown adjustment

Screed extension kits

Hydraulic tamping screed unit

Screed adjustable screed sideplates

Heated screed sideplate

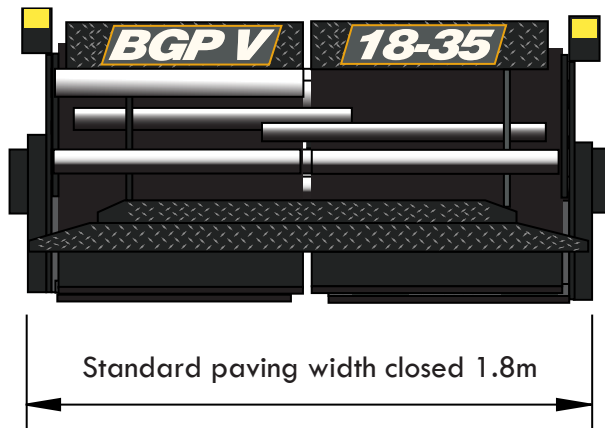


Precise Paving Performance

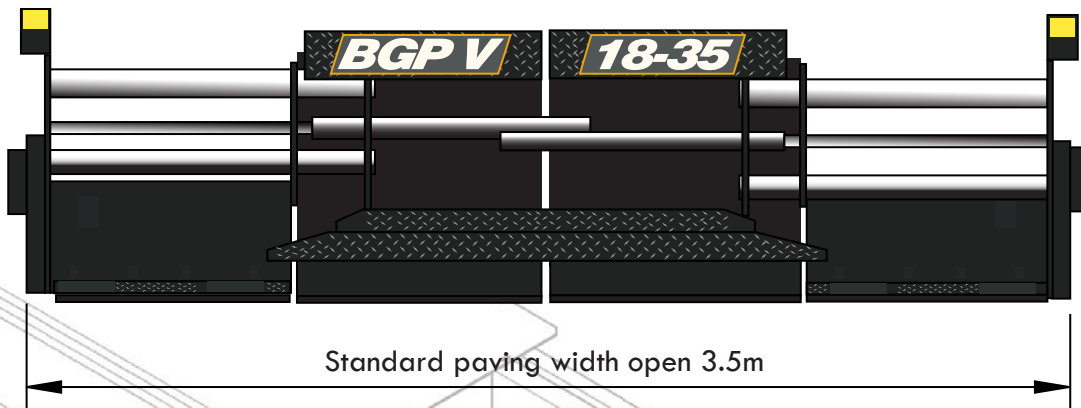
Delivering long term consistent and precise performance with ease is the **BGP V18-35** hydraulic screed units natural proven ability. With its twin hardened chrome solid support rods and unique torque arrestor mechanism the **BGP V18-35** produces exacting paving results. The **BGP V18-35** provides a standard width of 1.8 - 3.5 metres and a maximum of 4.5 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.



Standard paving width closed 1.8m



Standard paving width open 3.5m

Uncomplicated Design Operation

Effortless 'on the move' adjustments of the **BGP V18-35** 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 V18-35** is one of the most user friendly screeds available today.



Hydraulic Adjustable Side Plates

Switch operated spring cushioned hydraulic cylinders 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 200** 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 separate hydraulic drives provided for the rear wheels. The powered wheels have a large contact surface for high tractive effort.
- ▶ The single steer wheel provides an excellent degree of reduced turning radius. The front steer wheels are mounted on a transverse mounted oscillating pivot axle to compensate surface irregularities. The large diameter wheel delivers a big ground foot print to negate rutting and to ride cross joints etc with ease.
- ▶ Spin-turn braking: The BGP 200 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 BGP200 as a paving unit exceptional manoeuvring capabilities when working in confined spaces.
- ▶ Further 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



- 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** Quality - Simplicity - Reliability are paramount and commence from, within our in-house design department and continue to feature through each of the BGP 200's build stages.



- C** Wide receiving hopper closes fully within the basic width of the machine, which allows the machine to operate in close proximity to street hardware, walls etc.



For more than 25 years the BG-BGP 200 unit has remained the compact wheeled paver that provides the highest production - widest hydraulic paving and smallest turning radius in this class of machine.

The BGP 200 sets the standard for the "wheeled mini paver" delivering long term reliability and a high degree of satisfaction to its users.



- 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.



- 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.

