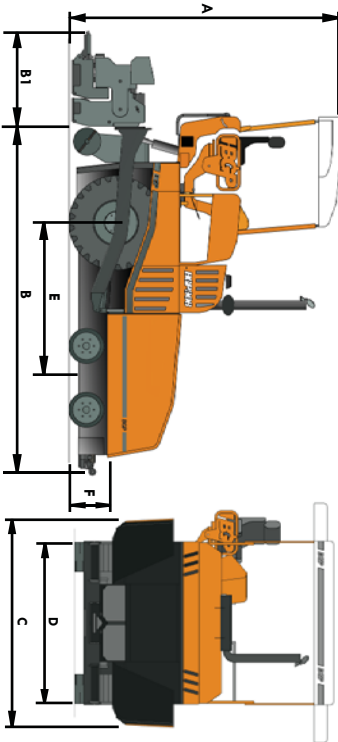


Specification

Drive - Standard Engine:	
Engine Model	JCB Turbocharged 4 Cylinder
Engine Power	81kW / 108hp at 2200 rpm
Engine Cooling	Water Cooled
Engine Fuel	Diesel
Paving Widths - V20 - 40	
Standard hydraulic paving width closed	2.0 metres
Standard hydraulic paving width open	4.0 metres
Basic width open + mechanical extensions	5.0 metres
Capacities	
Hopper Capacity	9.5 Tonnes (inc. tunnel)
Hydraulic System	166 Ltrs
Fuel Tank	100 Ltrs
Material Throughput	
Production Rate	280 Tonnes per hour
Paving Depth	0 - 250mm
Speeds	
Travel Speed	0 - 11 km/hr
Paving Speed up to	0 - 68 m/min
Dimensions	
Length (Tractor unit only - Dimension B)	4.00 metres
Length (With V20-40 - Dimension B + B1)	5.10 metres
Operating Width (Dimension C)	3.00 metres
Operating Height (Dimension A)	2.49 metres
External Of Drive Tyres (Dimension D)	1.80 metres
Axle Centres (Dimension E)	1800mm
Truck Entry Dimensions	
Height Centre	420mm
Hopper Floor	615mm
Shipping Dimensions	
Shipping Height	2.26 metres
Shipping Width	2.00 metres
Weight	
With V20-40	8,800 Kg
With T20-40	9,600 Kg

Product improvement is a continuous 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 Height	Weight
Operating 2.49m		Tractor Unit Only		With V20-40		Operating 3.00m		External Of Drive Tyres				Height Centre 420mm		
Shipping 2.26m		4.00m		5.10m		Shipping 2.00m		1.80m		1.80m		Hopper Floor 615mm		With V20-40 Screed
														8,800 Kg

ANTICIPATING YOUR TOMORROW



Power Unit:	81kW / 108hp JCB Dieselmex turbocharged water cooled diesel engine
Paving Width:	2.0 - 4.0 metres Hydraulic Extending (Maximum 5.0 metres)
Weight:	8,800 Kg
Productivity:	280 Tonnes per hour



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*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: JCB Tier 5 Dieselmix engine produces up to 81kW / 108hp. 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 308**. 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 rear-wards 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.



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 308**. 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 fault finding hardware.



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

Fume extraction system

Flood Lighting

Forward Glass Windscreen

Ultrasonic material feed sensors

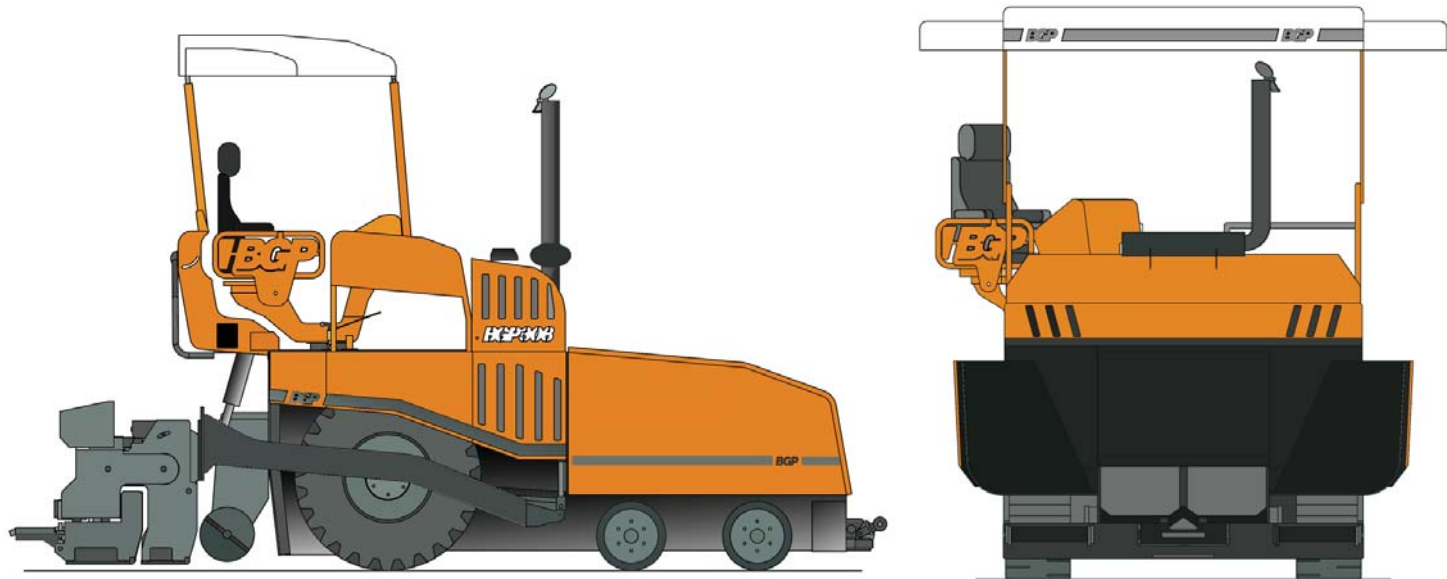
Screed power crown adjustment

Screed extension kits

Hydraulic tamping screed unit

Hydraulic adjustable screed sideplates

Heated screed sideplates

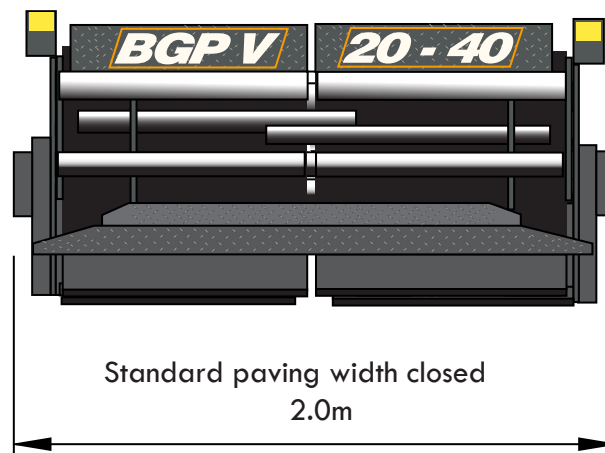


Precise Paving Performance

Delivering long term consistent and precise performance with ease is the **BGP V20-40** hydraulic screed units natural proven ability. With its twin hardened chrome solid support rods and unique torque arrestor mechanism the **BGP V20-40** produces exacting paving results. The **BGP V20-40** provides a standard width of 2.0 - 4.0 metres and a maximum of 5.0 metres paving width with the addition of mechanical extensions

Assured Maintenance

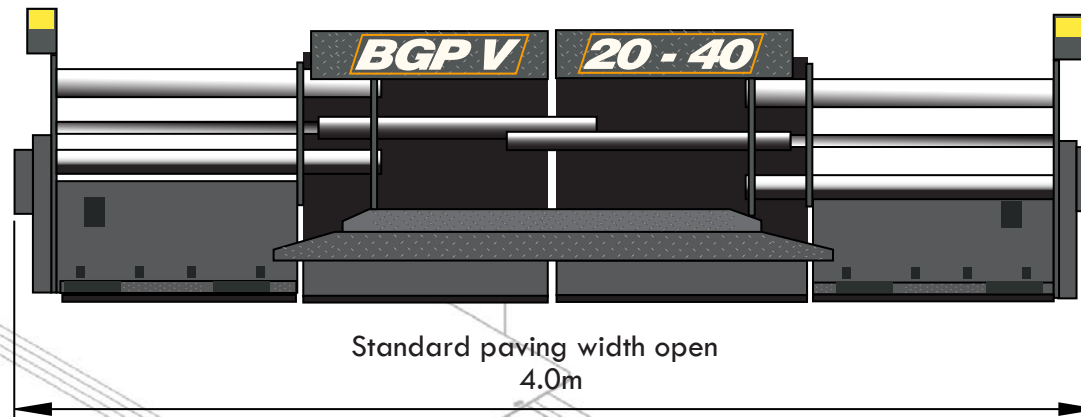
Exact quantity lubrication at precise intervals is available to the BGP screed unit. Automatic centralised time scheduled greasing on the vibrator circuits provides the precise amount required.



Standard paving width closed
2.0m

Practical Simplicity

All electrical switch operations controlling The **BGP V20-40** 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.



Standard paving width open
4.0m

Uncomplicated Design Operation

Effortless 'on the move' adjustments of the **BGP V20-40** 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 V20-40** 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 308**'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 have a large contact surface for high tractive effort.
- ▶ The **BGP 308**'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 308** 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 **BGP308** 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 308 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 308 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 (2.0 - 4.0 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 308** 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.

F Quality - Simplicity - Reliability are paramount and commence from within our in-house design department and continue to feature through each of the BGP 308's build stages.



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.

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.



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

