

















Road Maintenance Plant & Equipment



- Asphalt mixers
- Emulsion sprayers
- Road marking equipment
- Infrared asphalt heaters



No.1 for Road Maintenance Machinery

BSP-TEX products and services benefit from more than 100 years of experience and engineering excellence. BSP-TEX road maintenance machinery division encompasses well-known brands such as Belspray, Bitmen, Bristowes, Springwood, Trojan, and Wallis.

Product ranges include asphalt mixers, emulsion sprayers, pre-coated chip spreaders, road marking equipment, and infrared asphalt heaters/patchers. Customers benefit from the BSP-TEX Quality Guarantee and exceptional customer service. Hire options available – contact sales for more information.

All our machines are made in the UK.

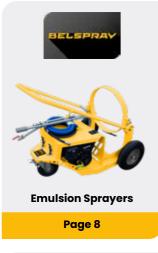
Call +44 (0)1473 830431 to discuss your requirements or arrange a visit.



















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Trojan Asphalt Mixers

BSP-TEX Trojan mastic and asphalt mixers are available in six sizes, ranging from 600kg (12cwt) to 4,000kg (4t). Choose from static or road trailer models and a wide range of optional extras.

The road trailer models have EU Whole Vehicle Type Approval (EUWVTA), and the freestanding units are suitable for truck mounting. The Trojan Scorpion 600kg (12cwt) model is extremely compact and manoeuvrable, perfectly suited to small contracts, and the Trojan Chiefton 4000kg (4t) model can handle most jobs. Call our Technical Sales team to discuss your requirements.



Capacity 600–4,000 kg (12cwt–4t)

Choose from road trailer or static options.



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- Choice of 6 capacities, 600kg (12cwt) 4,000kg (4t)
- Road trailer or truck-mounted options
- Economical flue arrangement
- Over-run braking system with auto-reverse facility
- Mixer can be loaded /unloaded as required
- Certified lifting points
- Supplied with fire extinguisher and rake



Long lasting components and easy maintenance.

Below: Trojan Crusader 900kg (18cwt) mixer (free-standing option). This low-maintenance unit is tough to beat for small to medium contracts.

Auto ignition optional extra.

Trojan Range	600	900	1270	2000	3000	4000
Model	Scorpion	Crusader	Warrior	Challenger	Centurion	Chiefton**
Capacity (kg/cwt)	600/12	900/18	1270/25	2000/2t	3000/3t	4000/4t
Length TM (mm)	2690	3500	3700	4200	5400	-
Width TM (mm)	1440	1550	1800	1850	1900	-
Height TM (mm)	1270	1400	1300	1350	1700	-
Weight* TM(kg)	720	920	1760	2060	2800	-
Length FS (mm)	1470	2050	2525	3300	3500	-
Width FS (mm)	940	940	1225	1220	1340	-
Height FS (mm)	965	1000	1158	1220	1360	-
Weight* FS (kg)	580	720	1400	1800	2450	-

TM Trailer mounted, FS Free-standing, *Unladen weight, **Custom-built



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Bristowes M95 Mk.2 Pre-Coated Chip Spreader

For the application of pre-coated chippings, providing a safe skid-resistant driving surface to the road. Powered by a low-noise three cylinder Kubota engine making the application a relatively quiet operation. The hydraulic drive provides a variable speed control, steering and 360° turning for safe chip distribution.

Safe working is aided by a front trip wire, E-stop buttons, dead-man drive controls, warning alarms, beacons, and rotor protection panels.



Laying Widths 12' (3.66m) 14' (4.27m) 15'8" (4.78m)

Fixed low-level hopper and remote control.



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- Radio-remote control, releasing the operator from standing at a fixed location
- Fixed low-level hopper for improved visibility and safety
- Updated controls included hydraulically operated gates to adjust the chip laying rate more easily
- Fully electro-proportional pump control
- Updated hydraulics for improved performance

Above and below: The main control panel is complimented by a radio-remote control unit.



Bristowes Chip Spreaders	12′ (3.66m)*	14′ (4.27m)*	15′8" (4.78m)*
Unladen weight (kg)	2925	3130	3200
Hopper volume (heaped) (m³)	1.9	1.9	1.9
Distribution volume** (m³)	0.4	0.48	0.53
Laden weight (kg)	6500	6800	7150
Overall width (mm)	4405	5015	5525
Height (top of hopper) (mm)	1450	1450	1450
Depth (front-back) (mm)	2250	2250	2250
Wheel centres (mm)	4165	4775	5010

^{*}Laying width. **Distribution hopper volume to centre of auger.



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Product Code: N.BXBW

Belspray 205L Motorised Drumlift Cold Emulsion Sprayer

This BSP-TEX Belspray motorised cold emulsion sprayer has a 205L capacity. The unique "Drumlift" design enables the user to load the drum quickly and easily, with very little effort required. A robust solution, suitable for most contracts and applications.

Fitted with a 5HP engine, complete with 6:1 reduction gearbox, driving an 'Albany' geared pump via safety drive coupling (pump/engine) protection. Supplied with a 5 metre delivery hose and a 1.5 metre spraylance and jet. Optional extras include a 30 metre hose and Honda or Yanmar engine.



Capacity 205L (5.5 gal)

"Drumlift" for quick and easy drum loading and unloading.



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Product Code: N.BSBW

Belspray 205L Motorised Classic Cold Emulsion Sprayer

The Belspray motorised classic cold emulsion sprayer has a 4-wheeled chassis and a 205L capacity. The tubular steel structure is strong yet lightweight and easily handled. A robust solution, suitable for most contracts and applications.

Fitted with a 5HP engine, complete with 6:1 reduction gearbox, driving an 'Albany' geared pump via safety drive coupling (pump/engine) protection. Supplied with a 5 metre delivery hose, a 1.5 metre spraylance and jet, and a built-in filter/strainer. Optional extras include a 30 metre hose and Honda engine.



Capacity 205L (45 gal)

Vertical or horizontal drum loading and efficient operation.



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Product Code: N.BSBP

Belspray Cold Emulsion Sprayer Motorised Pump Unit

This hardworking and robust "static" motorised pump unit is suitable for most contracts and applications. Typically used in conjunction with 205L capacity drums.

Fitted with a Yanmar diesel engine as standard, this pump unit is also available fitted with a Honda engine (optional extra). Supplied with a 30 metre hose and a 1.5 metre spraylance and jet.



Robust and versatile "static" pump unit.



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Belspray 25L Manual Cold Emulsion Sprayer

This compact and affordable sprayer accommodates 25 litre (5.5 gal) plastic containers. Typical applications include patchwork.

Ideally suited to small jobbing works, this compact unit is affordable, low maintenance and easliy handled. The hand-operated diaphragm pump includes neoprene valves and the sprayer has a built-in material strainer. Supplied with a 5 metre delivery hose and a 1.5 metre spraylance and jet.



Low maintenance and easily handled.



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Belspray 205L Manual Cold Emulsion Sprayer

This hand operated sprayer benefits from a stable 4-wheeled chassis and a lightweight tubular steel construction. Accommodates a standard 205 litre drum.

This robust, low maintenance sprayer is a classic/ traditional design, suitable for small-to-medium jobs. The hand-operated diaphragm pump includes neoprene valves and the sprayer has a built-in material strainer. Supplied with a 5 metre delivery hose and a 1.5 metre spraylance and jet.



Low maintenance and robust design.



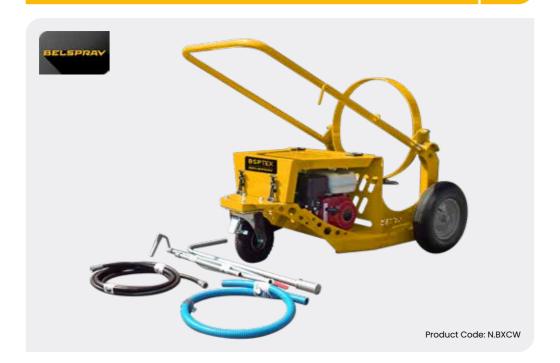
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Belspray 205L Motorised Drumlift Concure Sprayer

This BSP-TEX Belspray motorised concure sprayer has a 205L capacity. The unique "Drumlift" design enables the user to load the drum quickly and easily, with very little effort required. A robust solution, suitable for most contracts and applications.

Fitted with a 5HP engine, complete with 6:1 reduction gearbox, driving an 'Albany' geared pump via safety drive coupling (pump/engine) protection. Supplied with a 5 metre delivery hose and a 1.5 metre spraylance and jet. Optional extras include a 30 metre hose and Honda or Yanmar engine.



Capacity 205L (45 gal)

"Drumlift" for quick and easy drum loading and unloading.



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Belspray 205L Motorised Classic Concure Sprayer

The Belspray motorised classic concure sprayer has a 4-wheeled chassis and a 205L capacity. The tubular steel structure is strong yet lightweight and easily handled. A robust solution, suitable for most contracts and applications.

Fitted with a 5HP engine, complete with 6:1 reduction gearbox, driving an 'Albany' geared pump via safety drive coupling (pump/engine) protection. Supplied with a 5 metre delivery hose, a 1.5 metre spraylance and jet, and a built-in filter/strainer. Optional extras include a 30 metre hose and Honda engine.



Capacity 205L (45 gal)

Vertical or horizontal drum loading and efficient operation.



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Belspray Concure Sprayer Motorised Pump Unit

This hardworking and robust "static" motorised pump unit is suitable for most contracts and applications. Typically used in conjunction with 205L capacity drums.

Fitted with a Yanmar diesel engine as standard, this pump unit is also available fitted with a Honda engine (optional extra). Supplied with a 30 metre hose and a 1.5 metre spraylance and jet.



Robust and versatile "static" pump unit.



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Wallis 205L 3-Wheeled **Manual Cold Emulsion Sprayer**

This hand-operated sprayer accommodates a standard 205 litre drum either horizontally or vertically. The unit is easy to manoeuvre using the drag handle.

The self-priming ball valve is designed to handle cold anionic and cationic bituminous emulsions. It incorporates an air chamber, pump piston rod lubrication, and strainer system. Supplied with a 3 metre armoured delivery spray hose, and a 1.5 metre spraylance fitted with a three piece easy clean nozzle. Optional fine and large spray jet nozzles are available.



Easy to manoeuvre using the drag handle.



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Wallis 205L 4-Wheeled **Manual Cold Emulsion Sprayer**

This hand-operated sprayer accommodates a standard 205 litre drum either horizontally or vertically.

The self-priming ball valve is designed to handle cold anionic and cationic bituminous emulsions. It incorporates an air chamber, pump piston rod lubrication, and strainer system. Supplied with a 3 metre armoured delivery spray hose, and a 1.5 metre spraylance fitted with a three piece easy clean nozzle. Optional fine and large spray jet nozzles are available.



Capacity 205L (45 gal)

Robust, 4-wheeled chassis, built to last.



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Wallis 205L Motorised Cold Emulsion Sprayer

This power-operated sprayer accommodates a standard 205 litre drum either horizontally or vertically.

Fitted with a 5HP engine, complete with 6:1 reduction gearbox, driving an 'Albany' geared pump via safety drive coupling (pump/engine) protection. Supplied with a 3 metre armoured delivery spray hose, and a 1.5 metre spraylance fitted with a three piece easy clean nozzle. Optional fine and large spray jet nozzles are available. Fitted with a lockable toolbox.



Capacity 205L (45 gal)

Robust and reliable built to last.



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Product Code: 108IR

Bitmen Infrared Asphalt Heater 1400mm x 550mm

The propane gas-fired infrared asphalt heater is used to repair asphalt surfaces – potholes and surface defects – quickly and efficiently.

The heat penetrates the asphalt, softening the binder content to a point where the material becomes workable. Other systems which use a naked flame tend to burn and destroy the road surface, wheras infrared heat does not impair the quality of the material.

The heated material can be removed or – since it is not displaced in any way by the heater – may be rolled again to provide a good wearing surface. Alternatively, new material, including pre-coated chips can be added and rolled-in to improve the road surface.

Additional sizes also available.



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Product Code: 104IR

Bitmen Infrared Asphalt Heater 620mm x 550mm

The propane gas-fired infrared asphalt heater is used to repair asphalt surfaces. The seamless repair will prevent secondary failure, due to weather ingress and provide a permanent solution. This single front wheel model is perfect for small areas and road repairs around drains.

The heat penetrates the asphalt, softening the binder content to a point where the material becomes workable. Other systems which use a naked flame tend to burn and destroy the road surface, wheras infrared heat does not impair the quality of the material.

This single front
wheel model is highly
manoeuvrable – ideally
suited to road repairs
around drains.



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Bitmen Bitumen Boilers

A comprehensive range of bitumen boilers. Bitmen boilers are manufactured in the UK and accommodate all industry demands, with a variety of outlets, loading arrangements, agitation and temperature control. Custom-built trailer options are also available.

Supplied complete with Barter stainless steel gauge burner and adjustable air slide. Also included, 5m braided hose with swivel crimped fittings and 0-2 bar regulator. Choose from plain or gate outlet. Available in 5, 10, 15, 25, 40, 60 and 80 gallon capacities. Optional extras include loading chute (style to suit) and thermostatic control.



Capacities 25-364L (5-80 gal)



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Bitmen Tool Heater

The Bitmen Tool Heater is used for preheating hand tools, and for heating tools after use for cleaning purposes.

Hand tools used for highway repair, ironworks, crack sealing and potholes – such as shovels, banding tools, asphalt rakes, and asphalt tampers – may be heated and cleaned in this unit.

A 19kg propane gas bottle is mounted at the rear. The tool heater is supplied with a dual jet burner, over-braided gas hose and regulator (optional Irish regulator). Two persons can lift the unit into a trailer/truck.

Heavy duty
design, easy to lift and
easy to manoeuvre.



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Springwood Thermoplastic Road Marking Machinery Trailers

A range of road marking trailers including fitted preheater(s). Designed specifically to accommodate all the necessary equipment, pots, and tools required.

Two models are available. The TG2000 2000kg (2t) fitted with a single 270 litre (60 gal) pre-heater, and the TG3500 3500kg (3.5t) model, fitted with two 180 litre (40 gal) preheaters. Supplied complete with hydraulic drive agitators, powered by an electric-start 6.5 HP single-cylinder diesel engine. Including thermostat controlled propane gas heating system with flame failure safety gas cut off valve.

Above: Springwood TG3500 3500kg (3.5t) Thermoplastic Road Marking Machinery Trailer.



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Road Machinery Road Marking Equipment



- Fully welded chassis
- Reinforced at the rear to support pre-heaters and power pack
- Including BSP-TEX Hydrive pre-heaters, complete with hydraulic drive agitators powered by an electric-start 6.5 HP single cylinder diesel engine
- Maintenance free independent rubber suspension
- Twin axle
- Auto reverse braking system
- Hand parking brake
- Telescopic jockey wheel
- Locking boiler lid
- Under body plumbing to gas bottle racks
- Ramp fitted to nearside for loading equipment
- Hydraulically damped overrun coupling

Optional extras include tool heaters and lining prams.

Also available,
BSP-TEX freestanding
pre-heaters for
truck-mounting, and
screed trucks and
trailers built to your
specification.

Springwood Trailers	TG2000	TG3500
Pre-heater(s)	1 x 270 litre (60 gal)	2 x 180 litre (40 gal)
Additional tools/equipment	None	None
Length* (mm)	3400	3660
Width* (mm)	1800	1867
Height* (mm)	300	300
Gross weight (kg/t)	2000/2	3500/3.5

^{*}Dimensions of trailer body only.











Springwood Thermoplastic 'Hydrive' Pre-Heaters

'Hydrive' thermoplastic heaters are freestanding units for truck or trailer mounting. Available in various capacities/configurations to suit your requirements.

Designed for safe working and engineered to last, Springwood Hydrive units are used to heat, stir and dispense various thermoplastic road marking materials. Twin vessels can be used when two line marking colours are required.

Above: BSP-TEX Springwood 360 L (80 gallon) Thermoplastic 'Hvdrive' Pre-Heater. Other models also available.



Capacities 114, 180, 270, 360 & 450 L



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- Insulated outer jacket of 25mm-thick thermiculite, and stainless steel inner skin for heating efficiency
- LPG gas supply to each single large capacity ring burner/per heater
- Thermostatically controlled
- Manual lighting by taper to pilot burner, supported by 'Flame Failure'system
- Hydraulic system fully sealed circuit, directly coupled to engine output shaft
- Material container is fully vented with unique heat fin arrangement for heating efficiency
- Lombardini single cylinder diesel engine with electric start and charging circuit as standard
- Overload protection
- Individual hydraulic motors driving agitator assemblies – low speed (35RPM) high torque
- Convenient filling and discharge heights
- Large manually operated gate outlet
- Thermometers fitted to material container and oil jacket where applicable
- Fully enclosed hydraulic circuit, reservoir strainer, filter and overload relief valve protection

High quality units for truck or trailer mounting.

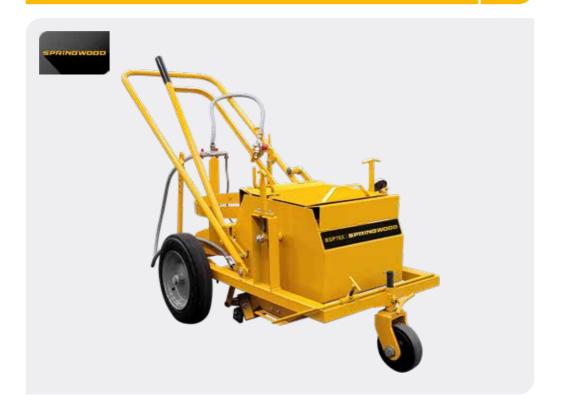
BSP-TEX also make road marking trailers including fitted preheater(s). Designed specifically to accommodate all the necessary tools and equipment required.

Springwood Pre-Heaters	114 L	180 L	270 L	360 L	450 L
Gallons	25	40	60	80	100

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Springwood Thermoplastic White Lining Prams

Standard lining prams with optional bead dispensers and a full range of accessories.

Two models are available, a 45L (10 gal) (product code P6070-001) and a 70L (16 gal) (product code P6070-000). A 100mm machine mould is fitted as standard. Optional extra easy-change machine moulds are available in sizes 50, 75, 100, 150 and 200mm. Also available for the 70L (16 gal) model, 250 and 300mm shoe sizes.



Capacities 45L (10 gal) and 70L (15 gal)



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Road Maintenance Plant

Nationwide Delivery Service



- **Hotboxes**
- Emulsion sprayers
- Road marking equipment
- Infrared asphalt heaters

