

+44 (0)1473 830431

bsptex.com



BSP / TEX

Road Maintenance Plant & Equipment

- Asphalt mixers
- Pre-coated chip spreaders
- Emulsion sprayers
- Road marking equipment
- Infrared asphalt heaters



No.1 for Road Maintenance Machinery

BSP-TEX products and services benefit from more than 120 years of experience and engineering excellence.

All our machines are designed and hand-built in our UK workshop.

Product ranges include asphalt mixers, emulsion sprayers, pre-coated chip spreaders, road marking equipment, and infrared asphalt heaters/patchers.

Chat with our team to explore your road maintenance options, then visit us for a live demonstration of your machine.

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



Asphalt Mixers

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Pre-Coated Chip Spreaders

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Sprayers

Page 11



Infrared Asphalt Heaters

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Road Marking Equipment

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»»» Hire



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TROJAN

Also available for hire.
Visit bsptexhire.co.uk.



Trojan Asphalt Mixers

BSP-TEX Trojan mastic and asphalt mixers are available in four sizes, ranging from 600kg (12cwt) to 2,000kg (2t). 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
600–2,000 kg
(12cwt–2t)**

**Choose from
road trailer or
static options.**



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- Choice of 4 capacities, 600kg (12cwt) – 2,000kg (2t)
- 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
Model	Scorpion	Crusader	Warrior	Challenger
Capacity* (kg/cwt)	600/12	900/18	1270/25	2000/2t
Length TM (mm)	2690	3500	3700	4200
Width TM (mm)	1440	1550	1800	1850
Height TM (mm)	1270	1400	1300	1350
Weight** TM(kg)	881	1155	-	-
Length FS (mm)	1470	2050	2525	3300
Width FS (mm)	940	940	1225	1220
Height FS (mm)	965	1000	1158	1220
Weight** FS (kg)	647	890	1452	1800

TM Trailer mounted, **FS** Free-standing. *Per shift based on a standard bituminous material, **Unladen weight, ***Custom-built BSP-TEX reserve the right to amend specifications at any time.



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M95 Mk.2 Pre-Coated Chip Spreader

Renowned for its unmatched reliability over variable width machines, the M95 Mk.2 delivers verifiable excellence in chip spreading, ensuring a consistently high-quality, skid-resistant road surface. With a larger capacity than any alternative, this chipper stands out as the most cost-effective choice in its category, making it not only more affordable than variable width chippers but also significantly more capable.

SAFETY FIRST

Safety features include safe-zone proximity warning lights, seven emergency stops (including wireless emergency stop), additional guards, and a dead man drive control system.

PROGRAMMABLE CONTROLS

Fast and highly manoeuvrable. Equipped with soft-start forward and reverse capabilities, 360° turning, variable speed control, and a digital speed display.

ENVIRONMENTALLY FRIENDLY

Low-noise, low-emission, low-vibration engine. An environmentally friendly choice for quieter road applications.

RADIO REMOTE CONTROL

Remote control capability enhances operational ease, user comfort, and safety.



HDS VISIR CONTROL

Optional HDS VISIR-ROS quality control. This system uses thermal imaging technology to measure chip coverage in real-time, eliminating the need for hazardous manual tray laying and weighing, which not only saves time and labour but also results in a safer road surface.

HIGH CAPACITY, LOW LEVEL HOPPER

The Mk.2 introduces a high-capacity low-level hopper for complete 360-degree visibility.



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

LIGHTWEIGHT AND COMPACT

Its lightweight and compact design makes it easy and cost-effective to transport, and minimises road surface damage during operations.



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Advanced safety features including safe-zone proximity warning lights.

The M95 Mk.2 boasts an impressive array of safety features, more than any competitor, including advanced safety measures like safe-zone proximity warning lights, ensuring operator and site safety. Its unique wireless remote control capability enhances operational ease and safety, setting it apart as the only chipper on the market with such a feature.

Complementing these advancements, the Mk.2 introduces the optional HDS VISIR control and software, revolutionising quality control by automating the process. This system uses thermal imaging technology to measure chip coverage in real-time, eliminating the need for hazardous manual frame laying and counting, which not only saves time and labour but also results in a safer road surface.

Performance-wise, the M95 Mk.2 is both fast and highly manoeuvrable, equipped with soft-start forward and reverse capabilities, 360° turning, variable speed control, and a digital speed display. It operates with a low-noise, low-emission, low-vibration engine, making it an environmentally friendly choice for quieter road applications. The machine's design includes a low-level hopper for complete 360-degree visibility, and hydraulically operated gates for precise control over the chip laying rate.

Comfort and efficiency are not overlooked, as this chipper is engineered to be the most comfortable to operate, reducing operator fatigue. Its lightweight and compact nature make it the easiest to transport and minimizes road surface damage during operations. Additionally, the programmable control system allows for customised settings, enhancing operational flexibility.

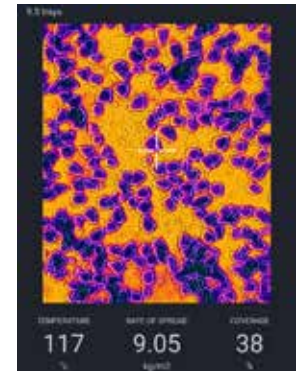
Options like bucket transport further extend its utility, while the HDS Rate of Spread VISIR-ROS thermal imaging technology provides a comprehensive solution for quality control, reporting, and ensuring road safety. With over 20 new technical advancements from its predecessor, the M95 Mk.2 is not just an upgrade, it's a revolution in chip spreading technology.



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



- **Compact and lightweight for easy transport**
- **Available in 3 laying widths**
- **Soft-start forward and reverse, steering, 360° turning, variable speed control and digital speed display**
- **Low noise, quiet operation**
- **Radio remote control**
- **Low-level hopper for excellent 360° visibility**
- **Hydraulically operated gates for fine control of chip laying rate**



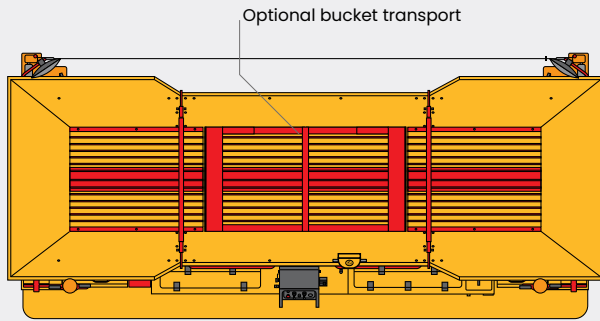
Above: Optional VISIR-ROS uses a thermal imaging camera to differentiate between cold chippings and hot rolled asphalt.

M95 Mk.1 and Mk.2 Comparison	Mk.1	Mk.2
Key Drive Features		
Wireless remote control	✗	✓
Variable drive speed	✗	✓
Remote and console steering	✗	✓
Remote soft start forward and reverse	✗	✓
Digital speed display (metres per min)	✗	✓
Nearside/offside adjustable remote holders	✗	✓
Pre-Coated Chip Laying		
Hydraulic rotor clutch	✗	✓
Hydraulic flow control gates	✗	✓
Optional spread rate monitoring	✗	✓
Additional nearside/offside 300mm (12") flow gates	✗	✓
Board and tool storage on mudguards	✗	✓
Health and Safety		
Wireless remote control	✗	✓
Low level fixed feed hopper	✗	✓
Seven emergency stops (including remote)	✗	✓
Outer wheel guards	✗	✓
Extended mudguards	✗	✓
Dead man drive control system	✓	✓
Clear all-round trailer loading vision	✗	✓
Optional HDS Rate of Spread VISIR-ROS	✗	✓
Safe zone and exclusion zone warning lights	✗	✓



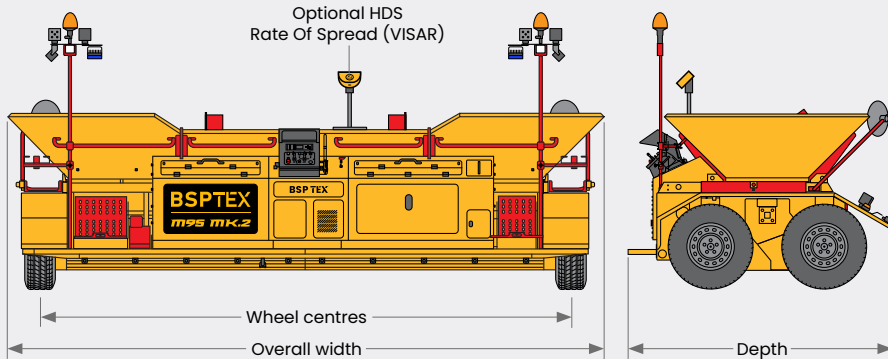
Above: VISIR-ROS software reports on the amount of chippings that have been distributed per square metre.





Optional bucket transport

The M95 Mk2 is available in 3 laying widths: 12' (3.66m), 14' (4.27m) and 15'8" (4.78m).



Optional HDS Rate of Spread (VISAR)

Wheel centres
Overall width

Depth

BSP-TEX reserve the right to amend specifications at any time.

M95 Mk.2 Chip Spreaders	12' (3.66m)*	14' (4.27m)*	15' 8" (4.78m)*
Unladen weight (kg)	3350	3600	3750
Max. chip loading volume (m³)	2.4	2.78	3.11
Laden weight (kg)**	7190	8048	8726
Overall width (mm)	4714	5324	5834
Height (top of hopper) (mm)	1569	1569	1569
Depth (front-back) (mm)	2387	2387	2387
Wheel centres (mm)	4200	4810	5328

*Laying width. **Calculation based on coated chips weighing 1600kg/m³. BSP-TEX reserve the right to amend specifications at any time.



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Capacity
25L (5.5 gal)

Low maintenance
and easily handled.



25L Manual Sprayer

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

Ideally suited to small jobbing works, this unit is low-maintenance and easily 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 spray lance and jet.

Description	Part No.
25L Manual Sprayer	N.BXBH25
Bitumen Spray Lance	8011 0010
Bitumen Delivery Hose	N.BS23-10
Bitumen Suction Pipe & Strainer	8011 0011
Bitumen Suction Hose	8011 0060



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Robust and versatile "static" pump unit.



Capacity
25-205L (5.5-45 gal)

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 Honda petrol engine as standard. Supplied with a 30 metre hose and a 1.5 metre spray lance and jet.

Description	Part No.
Petrol Bitumen Pump Unit	8011 0003
Diesel Bitumen Pump Unit	N.BXBP-YDE
Petrol Concure Pump Unit	8011 0005
Bitumen Spray Lance	8011 0010
Bitumen Delivery Hose	N.BS23-10
Bitumen Suction Pipe & Strainer	8011 0011
Bitumen Suction Hose	8011 0060
Concure Spray Lance	8011 0012
Concure Suction Pipe Duplex	8011 0013
Concure ½" Suction Hose Assy	8011 0061



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



Capacity
205L (45 gal)

Motorised Drumlift Sprayer

This motorised 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 spray lance and jet.

Description	Part No.
Petrol Bitumen Drumlift	8011 0007
Diesel Bitumen Drumlift	N.BXBW-YDE
Petrol Concure Drumlift	8011 0009
Bitumen Spray Lance	8011 0010
Bitumen Delivery Hose	N.BS23-10
Bitumen Suction Pipe & Strainer	8011 0011
Bitumen Suction Hose	8011 0060
Concure Spray Lance	8011 0012
Concure Suction Pipe Duplex	8011 0013
Concure ½" Suction Hose Assy	8011 0061



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Product Code: 108IR

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, whereas 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

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, whereas 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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Thermoplastic Road Marking Machinery Trailers

A range of road marking trailers including fitted pre-heater(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) pre-heaters. 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: TG3500 3500kg (3.5t) Thermoplastic Road Marking Machinery Trailer.



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- 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.



Above: Ramp fitted to nearside for loading equipment.

Road Marking 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. BSP-TEX reserve the right to amend specifications at any time.



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Thermoplastic 'Hydrive' Pre-Heaters

Freestanding units for truck or trailer mounting. Used to heat, stir and dispense various thermoplastic road marking materials. Twin vessels can be used when two line marking colours are required. Available in various capacities/configurations to suit your requirements.

Benefitting from insulated outer jackets of 25mm-thick thermiculite and stainless steel inner skins, these heaters are thermostatically controlled and fully vented. With LPG gas supply and one large-capacity ring burner per heater, lighting is manual (by taper to pilot burner) and supported by a 'Flame Failure' system. The units employ a Lombardini single cylinder diesel engine with electric start and charging circuit. Individual hydraulic motors drive agitator assemblies at low speed (35RPM) and high torque. Includes overload protection.



Capacities
 114L (25 gal)
 180L (40 gal)
 270L (60 gal)
 360L (80 gal)
 450L (100 gal)



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Made in the UK



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 shoe 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)
 70L (15 gal)



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Road Maintenance Plant

Nationwide Delivery Service



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

