**SB Series Spraybars**

**Fields of application**
Ebsray manufactures a range of engineered Spraybars (Previously called “Continental” Spraybars) for all grades of bitumen, cutback, emulsion etc. which feature internal product recirculation operation for truck or trailer mounting in the toughest road spraying environments. The Spraybars are used in conjunction with Ebsray’s range of purpose built heavy duty bitumen pumps - either internally tank mounted or external on tanker.

**Assured Quality**
Ebsray Spraybars are designed and manufactured to the highest quality standards. They have been developed in close cooperation with the Bitumen Industry to meet present and future operational needs.

All Design, Manufacturing, Assembly and Testing is carried out under Ebsray’s third party accredited quality system, to ISO 9001.

**Environmentally Engineered**
Innovative design, precision machining, accurate assembly and testing ensures long service life and “leak free” operation. Ebsray Spraybars meet the stringent operational and environmental requirements for professional road spraying.

**Range of Performance/Size**
- Flows: to 1500 l/min
- Overall Lengths: to 8m (78 tap)
- Centre Sections: 16-Tap & 22-Tap
- Turnups: 4-Tap & 7-Tap
- Extensions: 3-Tap & 6-Tap

Custom manufacture for special requirements.

**Fully Tested**
Every Ebsray SB Series Spraybar, Tap, and Extension Module is Hydrostatically tested in the Works prior to dispatch to guarantee product integrity in accordance with the specifications.
Modular Assembly
Spraybar lengths may be varied to suit application requirements. 6-tap (610 mm long) and 3-tap (305 mm long) modules allowing full recirculating capability may be simply bolted on or removed to adjust length.

Tap Isolation
Ebsray's tap linkage system allows quick and simple isolation/reconnection of single or multiple taps without the use of any tools.

Features

Constructional/Operational Features
✓ Recirculation system for liquid temperature maintenance.
✓ Environmental requirements met by eliminating the need to ‘dump’ product during cleaning operations.
✓ Cleaning procedures greatly simplified. No blowing required.
✓ Modular construction to suit a variety of configurations, bar lengths, capacities etc.

✓ Zero leak precision taps incorporating spindle ‘O’rings for positive sealing, eliminating tap lock-up, and allowing low torque actuation.
✓ Accurate spraybar alignment with machined flanges and extension connections.
✓ Custom design (if required) to suit unique installations and applications.

Taps
✓ “O”Ring design
✓ Reduced maintenance
✓ Increased life
✓ Low torque actuation
✓ Zero leak
✓ ‘Lift handle’ to isolate tap/s depending on spray pattern required

Bar
Folds into travelling position without disconnecting tap linkages.
Shear points designed to protect main bar and turnups in the event of extensions hitting an obstruction.
Ebsray designs and manufactures a range of pumps suitable for numerous applications in the Bitumen / Asphalt industry.

Dependent on the application, EBSRAY can fulfil all your bitumen and associated product pumping requirements - from the high capacity L80 Transfer/Load out/Process pumps installed in refineries and processing plants handling flows in excess of 3000 l/m, through a complete range of MD/HD Series Internal Gear pumps (12mm to 150mm sizes) for all bitumen/asphalt plant pumping applications (Bitumen, Distillate, Kerosene, Polymers etc.)

In addition, EBSRAY V Series Sliding Vane pumps are widely used for transfer of Distillate, Fuel oil, Lube oil and Kerosene etc. for process and refuelling requirements in the bitumen industry.

G Series - Tanker / Sprayer Pumps

A robust design particularly suitable for pumping bitumen, emulsions, cut back etc. in the toughest of environments i.e. Bitumen transfer, road sprayers, tanker duties.

**Constructional Features**
- Internal or external tank mounting
- Reversible rotation/configuration
- Helical cut gears
- Extra heavy duty build
- Simplicity of design

**Materials of construction**
- Casing: Cast iron

**Range of Performance**
- Flows: To 1600 l/min.
- Differential Pressures: To 2000 kPa
- Viscosities: To 1,000,000 cSt
- Temperatures: To 350°C