



# COLD TACK SPRAYERS



## PES180S

Available sizes: 115 gal | 180 gal

Marathon's cold tack sprayers are capable of spraying water based emulsions that do not require heat, such as RS-1 or SS-1. Multiple sizes available including a portable unit without a material tank to pump material directly from a drum.

### FEATURES

- All units are manufactured with 10 GA steel and exceed all competitive products.
- A 5hp engine and 10 GPM pumping system are standard on all models.
- 5' spray wand with 50' high pressure material hose mounted on a heavy-duty hose reel.
- 10" vented flip-top filler lids are essential for fast material fill ups.
- Large 10 gallon solvent flushing tank for easy clean-out.
- 1" drain valve installed on the bottom of material tanks for maintenance.

## SPECS

Specifications	PPES10	PES115S	PES180S
Type	Portable	Skid Mount	Skid Mount
Material Capacity	N/A	115 gal (435 L)	180 gal (681 L)
Shipping Weight	150 lbs (68 kg)	500 lbs (227 kg)	720 lbs (327 kg)
<b>Dimensions</b>			
Overall Length	40"	43"	45"
Overall Width	24"	56"	64"
Overall Height	18"	44"	48"
Engine	5hp	5hp	5hp
Pump Capacity	10 GPM	10 GPM	10 GPM

## TACK COAT MATERIALS

The main purposes of tack coating is to promote the bond between new and old pavement layers. Proper application is critical for success in pavements. The better you understand the materials, the better they can be used for their intended purpose.

There are many types of tack coat emulsions. The most common options are:

**Slow Setting Emulsions** – Designed for mixing stability, this type of emulsion is used with fine aggregates as the surface area is large and requires time for uniform mixing.

- SS-1 – Slow Setting Emulsion, low viscosity, stored at cooler temperatures
- SS-1h – Slow Setting Emulsion, low viscosity, stored at cooler temperatures, hard penetration

**Rapid Setting Emulsions** – Designed to react quickly with aggregate, the emulsion breaks down rapidly as it comes with contact with aggregate helping in fast setting and rapid curing. Rapid setting type of emulsion are typically used in surface of roads.

- RS-1 – Rapid Setting Emulsion, low viscosity, stored at cooler temperatures
- RS-1h – Rapid Setting Emulsion, low viscosity, stored at cooler temperatures, hard penetration

\*Always consult your material manufacturer for their recommended storage & application temperatures to ensure you are purchasing the correct piece of equipment.