



BLACK-TOPPER® Centennial Features

STANDARD EQUIPMENT

A. TANK & ACCESSORIES

- **TANK:** Meets Department of Transportation regulations 49 CFR 173.247. Oval cross section. Full dished surge plates with staggered openings to reduce surging. Heads deep dished and flanged, welded inside and out. 2" fiberglass insulation and aluminum jacketing with aluminum dished heads.
- **MANHOLE:** Meets Department of Transportation regulations. 20" diameter manhole with internal overflow, manhole platform and ladder, spill collar with external drain and rollover protection.
- **TANK GAUGE:** Ball float type with dial. Calibration in 50 gallon increments. Low level indicator in cab.
- **THERMOMETER WELL.**
- **LIQUID SAMPLING VALVE.** In hot well.
- **PENCIL THERMOMETER.**
- **ALUMINIUM FENDERS.**

B. CIRCULATING SYSTEM

- **FILL LINE** with quick connecting coupler.
- **REAR SUCTION VALVE:** Air opened, air/spring closed.
- **ASPHALT PUMP:** 400 G.P.M.
- **SYSTEM CONTROL OF 4 WAY ASPHALT VALVE.**
- **DISTRIBUTING LINES:** Steel pipe with ball joints and "O" ring seals, from circulating system to spray bar.
- **"VACU-FLO" SUCKBACK SYSTEM:** suck back of entire system.
- **SUCTION STRAINER:** for asphalt pump.
- **SELF FLUSHING LINE:** from fuel tank to fill line, to clean asphalt pump, valve and circulating system.
- **HANDSPRAY SYSTEM:** 25' x 3/4" flexible hose and lightweight gun with cold handle and 3 nozzles.

C. SPRAYBAR

- **12' SPRAY BAR** (8' center section with two 1' non-removable folding wings and two 1' removable sections).



- **CONTROLS:** Electric-air on-off in 1' increments.
- **ELECTRIC-HYDRAULIC POWER LIFT, SHIFT AND WING FOLDING,** switches front and rear.
- **SPRAY VALVES:** valves on 4" centers with quick release flip levers.
- **NOZZLES:** V-slot brass nozzles. Choice of size.
- **SAFETY BREAKAWAY** wing sections.
- **BAR LATCHES** for travel, manual.

D. POWER SYSTEM

- **CRANKSHAFT DRIVEN HYDROSTATIC PUMP** driving piston motor with gearbox, direct coupled to 400 G.P.M. asphalt pump.

E. CONTROLS/INSTRUMENTATION

- In cab computer control with digital readout.
- In cab circulate/spray control.
- Powered controls for main tank valve.
- Rear suction valve and master power controls.
- Radar ground speed measurement.
- Tank "Low Level" indicator light in control panel.

F. HEATING SYSTEM

- One flue with LPG burner. Includes 52 gallon L.P. tank, frame mounted .

G. MISCELLANEOUS ACCESSORIES

- **STORAGE HOOKS** for Hand Spray hose.
- **TOOL BOX:** Side opening with flush type lock.
- **SPECIAL TOOLS.**
- **MEASURING STICK.** Aluminum, 50 gallon increments.
- **LIGHTS:** Federal Standard 108, wiring in loom.
- **PAINT:** Black enamel all steel parts.
- **HOSE TROUGH** for 12' loading hose.

OPTIONAL EQUIPMENT

A. TANK & ACCESSORIES

- 1. Manhole Strainer, 6".
- 2. Manhole Strainer, 20".
- 3. Dial Thermometer, 2".
- 4. Dial Thermometer, 4".
- 5. Dual scale stick and dial (metric and English).
- 6. Cone Type Strainer in Fill Line.

B. CIRCULATING SYSTEM

- 1. Front Suction Valve (in addition to rear).
- 2. Power wash down system.

C. SPRAY BAR

- 1. **Standard 12' spray bar** with 1' electric/air on-off controls.
 - a. Bar extensions with 1' electric/air on-off (24' maximum bar width), per foot.
 - b. 12' gang bar (in lieu of electric/air on-off in 1' increments).
 - c. Bar extensions for bar with gang on-off, per foot
 - d. Extra pair of folding bar joints, requires minimum 16' bar.
 - e. Power bar latch with cab and rear control.
- 2. **Variable width spraybar**, 18'. Width hydraulically adjustable with (2) 8' center sections and (2) 1' folding wing sections (includes power bar latch).
 - a. Bar extensions for variable width bar (24' max. bar width), per foot.
- 3. **"Big bar"** 12' spray bar with 1' electric/air on-off controls. Larger cross section (recommended for use with hotter or hard to handle products).
 - a. Bar extensions for big bar with 1' electric/air on-off (24' max bar width), per foot.
 - b. Heavy duty air lines.
 - c. Extra pair of folding bar joints, requires minimum 16' bar.
 - d. Power bar latch with cab and rear control.
- 4. **Miscellaneous Spray Bar Options.**
 - a. Provisions for later addition of bar extensions with 1' controls, per foot.
 - b. Nozzles, extra, per foot (state size).
 - c. Bar end markers (C1 & C3 bars only).

D. SEVERE SERVICE OPTIONS

- 1. High output asphalt pump drive (4.57 CID hydraulic pump).
- 2. High output asphalt pump drive (6.1 CID hydraulic pump).
- 3. Hydraulic oil cooler.
- 4. Manifold style 1' bar control valves.

E. POWER SYSTEM

- 1. PTO off transmission in lieu of crankshaft drive.

- 2. Flywheel PTO.

F. CONTROLS/INSTRUMENTATION

- 1. Electric analog gauges in lieu of computer control with digital readout.
- 2. Liquid asphalt temperature digital readout in computer display window.
- 3. Additional display in rear box.

G. HEATING SYSTEM

- 1. No flue or burner in lieu of one flue with LPG burner and 52 gallon L.P. tank.
- 2. Two flues with LPG burners. Includes 52 gallon L.P. tank, frame mounted.
- 3. One flue with high pressure fuel oil burner (includes auto ignition and outfire). In lieu of standard.
- 4. Two flues with high pressure fuel oil burner (includes auto ignition and outfire). In lieu of standard.
- 6. Outfire protection for LPG burners.
- 7. Automatic Controls: Thermostatic shutdown control, out-fire protection and pushbutton ignition. For Propane Burners.
- 8. Auto controls for fuel oil burners, thermostatic controlled shut down, brake interlock.
- 9. Portable burner, kerosene or LPG.
- 10. Electric Belly Heat - 220V or 440V, 3 phase, with thermostat to maintain heat.
- 11. Chassis Driven Hydraulic/Electric Generator for electric belly heat (above).
- 12. Heated pump, sump and drop tubes from truck cooling system.

H. MISCELLANEOUS ACCESSORIES

- 1. 12' x 3" steel fill hose (450°).
- 1a. 12' x 3" rubber fill hose (350°).
- 2. Power right side 4-way mirror (when truck design permits).
- 3. L.E.D. lights, sealed lighting system.
- 4. Special paint.
- 5. Skid mounting.
- 6. Handspray hose reel.
- 7. Aluminum handspray gun with swivels (in lieu of standard).
- 8. 3" Cam Lock Fittings.
- 9. Export processing: Skid mounted.
Truck mounted.
- 10. Back up alarm.
- 11. Wet storage box with drain plug and hinged lid.
- 12. Strobe Light mounted on top front of tank.



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