

UNDERGROUND SOLUTIONS
YOU CAN RELY ON,
BRANDS YOU CAN TRUST



APM
The trenchless solutions company

PERMACAST PC-20HD MATERIAL APPLICATION PLATFORM



SPECIFICATIONS



TANDEM AXLE TRAILER:

- Capacity: 14,000 lb GRWR 14,000 lb GAWR
- Deck Width: 82 Inches
- Deck Length: 20 feet
- Standard Features:
 - o 2 5/16" Ball Coupler Hitch with Heavy Duty Safety Chains
 - o 7 Way RV Plug
 - o 7" Channel Frame and Tongue
 - o Two 6,000 lb with Electric Brakes wired to plug and loom
 - o Break-Away Kit with Battery
 - o Stake Pockets & D-Rings
 - o Two-Inch Treated Pine Floor
 - o Leaf Spring Suspension
 - o Solid Braced Teardrop Fenders
 - o 16" Radial Tires, 8 Bolt Hub, White Steel Spoke Wheels
 - o Spare Tire and Carrier. Reflective Marker Tape installed on trailer
 - o DOT Compliant Lighting
 - o 10,000 lb. Spring Assisted Jack
 - o Acid Etched with White Phosphorus and Primed With 2-Component Epoxy Primer
 - o Painted With 2-Component Polyurethane Paint with Reflective Pinstripe. (White)
 - o Pallet Platform for Easy Mortar Loading and Storage

APPLICATION EQUIPMENT AND APPURTENANCES:

- POWER PACK SPECIFICATIONS
 - o 24 HP Diesel/Hydraulic Power Unit
 - o Optional 40 HP Diesel/Hydraulic Power Unit
 - o 15 gpm/2,000 psi Hydraulic Pump
 - o Self-Contained with Fuel and Hydraulic Reservoirs
- WATER SYSTEM SPECIFICATIONS
 - o 200-gallon poly reservoir
 - o Optional 50-gallon antimicrobial mix reservoir
 - o Hydraulically driven, 3.9 GPM @ 45 psi water pump
 - o 3,500 psi Hydraulically Driven Pressure Washer
- MORTAR MIXER SPECIFICATIONS
 - o 6.0 Cubic ft (45 gal) hopper, vertical shaft mixer
 - o Hydraulic Powered, Variable Speed with Reverse
 - o Manually Operated Slide Gate Discharge
 - o Ergonomically Positioned, Lever Operated Control Center
 - o Fill-Rite Water Meter and Bag Breaker
- GROUT PUMP SPECIFICATIONS
 - o Hydraulically Powered 3 Stage/Size 6 Open Throat Progressive Cavity
 - o Reversible Infinite Flow Rate Control to 8 Gallons per Minute
 - o 2.0 cubic ft (15 Gallon) Hopper with Aluminum Suction Housing
 - o Bottom Mounted Hinged Cleanout Port
- HIGH PRESSURE WATER
 - o Hydraulically powered, 3,500 psi
 - o 50 feet hose, and pistol grip lance
- COMPRESSED AIR SPECIFICATIONS
 - o VanAir Viper 80 Air Compressor
 - o Electric Start 24.8 HP diesel driven rotary screw
 - o Delivering 80 cfm at 100 psi
- ACCESSORIES
 - o Aluminum Hand application Spray Nozzle
 - o Optional Pneumatically Driven Centrifugal Application Unit
 - o Adjustable crane arm with electric retrieval winch
 - o Two (2) twenty-five (25) foot sections of 1" reinforced mortar hose – with quick connect fittings
 - o Two (2) twenty-five (25) foot sections of 1/2" air supply hose – quick connect
 - o Two (2) twenty-five (25) foot sections of 3/8" air supply hose – quick connect
 - o All gauges sealed and liquid filled units
 - o Modular in-line air filter/lubrication unit (for all air components)
 - o Forward/reverse air control valve for robotic applicator
 - o Air controls – all air controls to be mounted for ease of operation
 - o Toolbox storage: One (1) 18" x 18" x 36" steel with locks