

SPECIFICATION, JEA CLASS 420: TRAILER MOUNTED 4 DRUM P-LINE PULLER

1. SCOPE

It is the intent of the JEA to purchase multiple TRAILER MOUNTED 4 DRUM P-LINE PULLERS with various up-fits and options.

2. MODEL

New current model year production TRAILER MOUNTED 4 Drum Pilot Line Puller (360 Degree Adjustable Turret) with Sound Attenuated Diesel Power Pack (Example: Sherman & Reilly Model PLW-200X PILOT LINE WINDER). Reference JEA In-Service Unit # 6093 for layout and option details.



3. PULLER SPECIFICATIONS

- 3.1 Reel capacities: Minimum 6000 ft. of 7/16", # 12 single braid ropes (Each Reel).
- 3.2 Minimum Line pull: 2000 lbs. on top of drum.
- 3.3 Line speed: Average 4 MPH.
- 3.4 Power Pack Output: 2500 psi @15 GPM with minimum line pull;

Top of Drum: 2000 lb.
Bottom of Drum: 3,500 lb.

- 3.5 Must be equipped with a holding valve to prevent dropping pilot line.
- 3.6 Must be equipped with dual hydraulic operated level winds to enhance/improve rope control.
- 3.7 Puller must be mounted on a non-removable adjustable turntable.
"Minimum 180 degrees left & 180 degrees right, from center, in 10 or 15 degree increments"

4. DIMENSIONS & WEIGHT

SPECIFICATION, JEA CLASS 420: TRAILER MOUNTED 4 DRUM P-LINE PULLER

- 4.1 Overall Width: Not to exceed 102”.
- 4.2
- 4.3 Overall Length: Not to exceed 210”
- 4.4 Overall Height: Not to exceed 116” (Measured with unit leveled on level surface).
- 4.5 Overall weight not to exceed 14,500 lb (weighed with maximum rope capacity & fuel).

5. OPERATOR PLATFORM/STATION

- 5.1 CONSOLE: Must be ergonomic and contain all controls (Labeled) for the unit including all light switches, master switch, RED Emergency Shut Down Button, all brake controls, hydraulic retriever controls etc.
- 5.2 SAFETY SCREENS: Between Operator Station and Drums and Overhead.
- 5.3 SEAT: Swiveling High Back Seat with Collapsible Armrest.
- 5.4 TINTED TRANSPARENT PLEXIGLAS ROOF COVER: Mount Over Operator Station.
- 5.5 CUP HOLDER: One.

6. TRAILER (INCLUDING ATTACHED LOCKABLE BINS)

- 6.1 Single wheel, single or tandem axle, rated for GVWR of equipment (GVWR includes maximum rope capacity & fuel).
- 6.2 Brakes: **Air** brakes.
- 6.3 Oil bath wheel bearing system.
- 6.4 Tires, 215/75R/17.5.
- 6.5 Aluminum Weatherproof Lockable Bin with Coffin Lid, 24” LONG X 18” DEEP X 10” WIDE (Storage). Location TBD.

7. TRAILER COUPLING

- 7.1 Adjustable Lunette Eye (Rated for Trailer GVWR) from 22 Inch Height to 26 Inch Height to accommodate heavy duty JEA Trucks.
- 7.2 Safety Chains: Two heavy duty with safety clips rated for trailer.

8. TONGUE JACK & LEVELING JACKS

- 8.1 Electric tong jack rated for trailer (Minimum tongue jack base dimensions 6”L X 6”W).
- 8.2 Four full hydraulic leveling jacks rated for machine capacity. One on each corner (Minimum base dimensions 6”L X 6”W).
- 8.3 OUTRIGGER PAD STORAGE BINS: Four Storage Bins mounted close to Outriggers. Must include Four Polymer Outrigger Pads.

9. ELECTRICAL / LIGHTING (DOT, FLDOT & I.C.C. COMPLIANT LIGHT EMITTING DIODE, LED)

SPECIFICATION, JEA CLASS 420: TRAILER MOUNTED 4 DRUM P-LINE PULLER

- 9.1 Operator Console/Platform: Two adjustable LED Lights mounted to the roof guard of the operator platform and two adjustable LED Lights mounted to the front side of the operator platform. Must have a lighted labeled switch mounted in the operator console.
- 9.2 Area Lights: LED Area Lights mounted under trailer frame on all sides. Must have lighted labeled switch mounted in the operator console.
- 9.3 Strobe Lights: LED Low Profile Strobe Lights mounted on right side, left side and rear of trailer (6 Total). Must have lighted labeled switch mounted in the operator console.
- 9.4 All Operator Console Switches must be LED Lighted Switches.
- 9.5 No scotch lock wire connectors.
- 9.6 7 Pin Round HEAVY DUTY COMMERCIAL Trailer Plug (ABS): Weatherproof loomed wires (JEA Standard). Must include an electrical Junction box mounted to the tongue of the trailer. All trailer plug wiring must connect through the Junction Box.
- 9.7 2 DC Accessory Plugs with Spring Loaded Lids (NAPA Part # BK 7821773) or Equal. Mounted In Operator Console.



- 9.8 Battery Tender: Mounted in a weatherproof bin (Hard Wired/Hard Mounted).

10. FENDERS & DECK SURFACE

- 10.1 Minimum 10 gauge diamond / tread plate formed steel (No Wood).
- 10.2 All walking surfaces & steps must be nonskid or coated with nonskid material.

11. SOUND ATTENUATED DIESEL POWER PACK

- 11.1 Diesel engine with 12 Volt electrical system, electric start & lockable sound attenuated canopy (69 dba at 30 feet).
- 11.2 Must include; amp gauge, hour meter, oil pressure gauge with low pressure warning light, temp gauge, fuel gauge & hydraulic reservoir site glass / level indicator.
- 11.3 Fuel tank capacity sized for minimum 4 hours continuous run time.
- 11.4 12 volt battery mounted in a lockable, vented weatherproof compartment.
- 11.5 Must include an emergency shut off switch (Push Button Type with Red Button) located & marked in clear view.
- 11.6 Horse Power & Torque Rated for Required Capacity.

12. COLOR/GRAPHICS

- 12.1 Hot Dipped Galvanized.
- 12.2 Delete all vendor and manufacturer identification decals except required safety & reference identification tags, decals, data plates & placards.

13. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 13.1 One (1) Set of operator manuals (Hard Copy) per unit.

SPECIFICATION, JEA CLASS 420: TRAILER MOUNTED 4 DRUM P-LINE PULLER

- 13.2 Provide five (5) complete sets of keys per unit (3 FOB Keys and 2 Standard Keys for Chassis) including attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.
- 13.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments).
- 13.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments).
- 13.5 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.
- 13.6 GREASE CHART with FREQUENCIES: Decal or Laminated Weatherproof Paper Acceptable.

14. WARRANTY & REPLACEMENT PARTS AVAILABILITY

- 14.1 Minimum 2 year warranty and all standard manufacturer warranties including component warranties.
- 14.2 Warranty period starts when units received at JEA Fleet Facility, Inspected and Accepted.
- 14.3 Replacement Parts: filters etc. must be readily available within 72 hours. Examples: Air filters, fuel filters, hydraulic filters, replacement bearings, brake pads etc.

15. ADDITIONAL REQUIREMENTS

- 15.1 Include a complete paper copy or electronic copy Specification / Build Sheet including Drawings with all units.
- 15.2 Install JEA provided decals (You may use JEA's current vendor at your expense).
- 15.3 Current DOT Inspection / Certification with Decal installed LF Out-Side Tong of Trailer. Decal must include current hours, current Inspection date, next service due hours and next service due date.
- 15.4 Must include/document the Vin Number, Make, Model, Description, JEA P.O. # and JEA Provided 5 Digit Unit Number on all Invoices.
- 15.5 Purchase and Install Yellow City License Plates.
- 15.6 Weather Proof Registration Canister with Transparent Lid: Mount to Drivers Side/Front of Trailer (Easily Accessible).



- 15.7 Wheel Chocks with Storage Compartments. Location TBD in pre-build meeting.
- 15.8 All units, attachments, products and services must meet and comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All units must be delivered to the JEA Fleet Facility with a minimum $\frac{3}{4}$ tank of fuel. Contact Thurman McGlothlin at 904-576-9382 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.