

**SPECIFICATION, JEA CLASS 364 FORKLIFT TELEHANDLER**  
**(5,500 LB / 20' Lift Height Unit)**  
**UPDATED MAY 2019**

**SCOPE**

It is the intent of the JEA to purchase **(1) ONE 5,500 LB LIFT CAPACITY / 20' LIFT HEIGHT FORKLIFT TELEHANDLER**. Unit must be tested and delivered to the JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by **September 25, 2019. Liquidated Damages (\$300.00 per day) Starting September 25, 2019.**

**MODEL**

New Current Model Year **5,500 LB LIFT CAPACITY / 20' LIFT HEIGHT FORKLIFT TELEHANDLER** (JCB 505-20 or Equal) with 48" Carriage, 2" X 4" X 48" Forks, 54" General Purpose Bucket Attachment and all Plumbing, Controls and Weldments/Brackets for Other Attachments.



**3. CAB**

- 3.1 OSHA Certified ROPS / OPG Enclosed Air Conditioned Cab (Cooling & Heat), with Suspension Seat and Seatbelt.

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**4. CONTROLS (JOYSTICK)**

4.1 Joystick Cab Controls: Ergonomic & readily accessible from the operator seat.

**5. CARRIAGE, FORKS AND BUCKET (QUICK COUPLER)**

5.1 **CARRIAGE/FORKS: 48"** Hydraulic Actuated Fork Positioning Carriage with **48"** Forks.

5.2 **BUCKET: 54"** Quick Coupler General Purpose Bucket.

**6. VANDALISM PROTECTION**

6.1 **Locking Caps/Compartments:** Required for battery, fuel, hydraulic oil, engine oil, coolant reservoirs etc.

6.2 Three (3) complete sets of keys per unit (Including Attachments, Bins & Tool Boxes). Key bins & tool boxes alike. **Stamp/Engrave JEA PROVIDED 5 Digit Unit Number on all KEYS.** If not able to stamp keys, provide a Brass Key Tag.

**7. ENGINE (DIESEL)**

7.1 **Four Cylinder:** Liquid Cooled with minimum 74 GROSS HP.

7.2 **Diesel Exhaust Fluid:** NO DEF.

7.3 **ANTI FREEZE:** Extended Life, Highest Quality Available with Corrosion Protection.

7.4 **Exhaust with Spark Arrester:** Include rain cap if required.

7.5 **AIR CLEANER:** Dry type with service indicator.

**8. ELECTRICAL SYSTEM**

8.1 Twelve Volt System.

8.2 Electric tachometer and fuel shutoff.

8.3 Safety start device.

**9. FUEL TANK**

9.1 **Capacity:** Minimum **20** gallons with operator station fuel gauge.

**10. LIFT HEIGHT AND LIFT CAPACITIES**

10.1 Maximum Lift Capacity: Between **5,500 LB** and **5,800 LB**

10.2 Maximum Lift Capacity at Full Reach: Between **1750 LB** and **2,050 LB**

10.3 Lift Capacity at Full Height: Between **3,900 LB** and **4,300 LB**

10.3 Forward Reach to Front of Carriage: **11'6"** or Greater.

10.4 Maximum Lift Height: Minimum **20'**

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**11. TIRES (SOLID)**

11.1 TIRES: Solid/Airless rated for machine capacity

**12. DRIVE SYSTEM AND TRAVEL SPEED (TWO SPEED)**

12.1 Low Speed: For work site operation.

12.2 High Speed: Transit between work sites when needed.

12.3 4X4 with Limited Slip Differential.

12.4 4 Wheel Steering.

**13. HEIGHT, LENGTH, WIDTH (Stowed/Transport Position)**

13.1 Overall Height: Not to Exceed **78"**.

13.2 Overall Length to CARRIAGE/Fork Face: Not to Exceed **13'6"**.

13.3 Overall Width: Not to Exceed **74"**.

13.4 Ground Clearance: **8.5"** or Greater.

**14. HYDRAULIC SYSTEM**

14.1 Hydraulic Reservoir: Between 17 Gallons and 22 Gallons

14.2 Auxiliary Hydraulics/Tool Circuit: Double Auxiliary Tool Circuit.

**15. WEIGHT**

15.1 **OPERATING WEIGHT: Between 12,100 LBS and 12,800 LBS.** USING MANUFACTURER'S STANDARD COUNTER WEIGHT. NO OPTIONAL COUNTERWEIGHT SHALL BE USED IN ORDER TO BRING THE MACHINE TO THE MINIMUM WEIGHTS SPECIFIED.

**16. ADDITIONAL REQUIRED EQUIPMENT / OPTIONS**

If not furnished as standard equipment/options, the following items shall be furnished, installed and included in the bid price

16.1 Oil pressure, engine temperature, hydraulic temperature and charging indicator or gauges in cab.

16.2 LED Work Light Package: 2 front mounted and 2 rear mounted on upper corners of cab.

16.3 Hydraulic system temperature warning light.

16.4 Enclosed Conditioned Cab: Cooling & Heating.

16.5 Auxiliary Hydraulics, Attachment Combination Kit: Include All Plumbing & Controls for Attachments and Dripless Quick Connect Couplings.

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16.6 Back Up Camera (Night Vision) with Travel Alarm.

16.7 **MASTER SWITCH WITH LOCKOUT/TAGOUT:**



**17. TRAINING / ORIENTATION, MANUALS & DOCUMENTATION**

17.1 Must provide TWO (2) onsite JEA Operator Orientation Training Sessions.

17.2 Must provide ONE (1) onsite JEA Maintenance Training Session.

17.3 Must include ONE (1) operator manual per unit (Hard Copy).

17.4 Must include a paper copy Specification / Build Sheet with all units. Or, an electronic copy.

17.5 Must include/document the **Vin Number, Make, Model Description, JEA PO #** and **JEA Provided 5 Digit Unit #** on all Invoices.

17.6 Must include a **Current Inspection / Service** with **Decal** installed lower left inside corner of front glass. Decal must include current hours, current Inspection date, next service due date and next service due hours.

**18. COLOR/GRAPHICS**

18.1 Manufacturer's standard color.

18.2 Delete all vendor and manufacturer identification decals **except required** safety & reference identification tags, decals, data plates & placards.

**19. WARRANTY**

19.1 TWO (2) Year or 2000 Hour Full Machine Warranty including Parts, Travel Time, Transport and Mileage. Must include and list all Standard Manufacturer's Warranties. Include and list all Standard Component Warranties.

19.2 Warranty period starts when units received at the JEA Fleet Facility, Inspected and Accepted.

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**20. PARTS AVAILABILITY AND VENDOR SUPPORT**

- 20.1 Engine Oil Filters, Hydraulic Filters, Tracks, Sprockets, Pins, Rollers & Etc. must be readily available within 48 hours.
- 20.2 Awarded Vendor must have a Facility located in the JEA Service Area. The Vendor must be certified to perform Preventive maintenance, repairs and warranty repairs on the equipment.

**NOTE:** All Units, Attachments, Products & Services must meet & 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 **Mark Murray** at **904-328-8501** 48 Hours prior to delivery. Delivery times are **Monday** through **Friday 08:00 AM – 03:00 PM** at **5717 New Kings Road Jacksonville Florida, 32209.**