Global Leaders in Specialized Lifting Equipment!

75 TON TWINLIFT
by
LIFT SYSTEMS, INC.
TWINLIFT
75 TON

STANDARD EQUIPMENT

ENGINE:
Cummins Diesel Engine: QSB3.3P
108 hp (81 Kw) intermittent @ 2200 rpm
U.S. EPA Tier 3
CARB Tier 3
EU Stage III
Torque @ 1600 rpm, 306 ft-lbs (415 N-m)

PUMP:
Sundstrand 90 series drive pump

CONTROL SYSTEM:
CARL (Computer Assisted Remote Lifting) Control System.
Monitors Boom Angle, Boom Extension, Pressure,
Counterweight Load Pin. Automatic Shutdown for overload
conditions. Large easy to read display screen with push
button navigation and dial adjustment.

CONTROLS:
Separate controls for each function.
Combination of foot pedal, joystick, and push
button controls allows for multiple functions to be
performed at the same time.

DRIVE:
Poclain MK35 drive motors (qty. 3)
(2) in front, (1) in rear steering box.

WHEELS:
Front: qty. (4)
Diameter: 28"
Width: (2) @ 16" and (2) @ 10"
Rear: qty. (2)
Diameter: 28"
Width: 16"
Replaceable polyurethane composition

STEERING:
90 degree steering of rear wheels.

OSCILLATING REAR STEERING BOX:
Keeps all steering wheels in contact with ground.

GRADABILITY:
Unloaded maximum grade is 20%
Loaded maximum grade is 10%

GROUND BEARING PRESSURE:
Loaded Front Tires: 360 psi maximum
Loaded Rear Tires: 440 psi maximum

TRAVEL SPEED UNLOADED:
Travel Mode - High Gear = 0.0 to 1.70 mph
Travel Mode - Low Gear = 0.0 to 0.86 mph
Work Mode - Low Gear = 0.0 to 0.42 mph

TELESCOPING COUNTERWEIGHT:
Standard counterweight section telescopes 5'
using (2) hydraulic cylinders. Push button control.

HYDRAULIC RESERVOIR:
140 gallons (530 liters)

BOOM LIFT CYLINDERS:
Twin cylinders capable of lifting and lowering with a full
load. Safety holding valves installed on both cylinders.
Spherical bearings ensure constant alignment with the
boom.

BOOM TELESCOPE CYLINDERS:
Twin cylinders capable of telescoping the boom in and
out with a full load. Safety holding valves are installed on
both cylinders.

LIFTING EYES:
Qty. (1) centrally located on boom with
75 ton capacity
Qty. (2) located on corners of boom with
37.5 ton capacity each

WINCH MOUNT:
Standard mount for optional winch

WEIGHT:
48,000 lbs.
Standard “A” counterweight included

COUNTERWEIGHTS:
“A” - non-removable counterweight installed in unit
“B” - qty. (2) - 7,300 lbs each. - 14,600 lbs total
“C” - qty. (1) - 8,450 lbs
“D” - qty. (1) - 8,050 lbs

TIE DOWN / LIFTING EYES:
Tie down / lifting eyes installed for securing unit during
transport and for lifting of the unit.

DRIVER PROTECTION GUARD:
Structural overhead guard for operator protection.

OTHER STANDARD FEATURES:
Back up alarm, horn, strobe light, operator seat
complete with safety belt and electric switch.

OPTIONAL EQUIPMENT

RADIO REMOTE CONTROL:
Radio remote control allows full machine functionality
from a wireless radio remote. Allows operator optimal
view of load. Emergency safety shutdown switch is
standard.

65 TON SPINNER:
Allows for 360 degree rotation of load

HYDRAULIC WINCH:
Consult factory for available capacities

FORKLIFT ATTACHMENT:
Consult factory for available capacities

JIB EXTENSION:
Consult factory for available capacities
1. The above chart is for reference purposes only.
2. Never use the above chart for lift planning calculations.
3. Lift plan calculations are to be determined solely by the load charts and range diagrams that are issued for the specific serial numbered machine that is to be used for the specific planned lift.
NOTE

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### TWINLIFT 75 TON

#### LOAD CHARTS FOR “A” AND “B” COUNTERWEIGHT

<table>
<thead>
<tr>
<th>LOAD RADIUS (FEET FROM FRONT)</th>
<th>FULLY EXTENDED</th>
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<tbody>
<tr>
<td>4.5</td>
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<td>1.5</td>
<td>39 150,000</td>
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<tr>
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<td>32 118,700</td>
<td>32 118,700</td>
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<td>1.15</td>
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<tr>
<td>1.1</td>
<td>26 79,300</td>
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<tr>
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<td>23 60,500</td>
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<tr>
<td>0.95</td>
<td>18 43,000</td>
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<td>0.85</td>
<td>14 32,300</td>
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<td>0.75</td>
<td>10 9,900</td>
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#### NOTE:

Specifications are provided in metric dimensions. All equipment dimensions, designs, specifications, calculations, etc., as described, are subject to change at manufacturer’s discretion at any time and without notice. Weights are approximate and may vary. Data herein is for informational purposes only and will not be construed to guarantee suitability of equipment for any particular as performance may vary with conditions encountered. Warranty will apply as written in standard contract form upon purchase of equipment. Capacities are for reference only and must not be used for any serial numbered machine. Serial numbered load charts may be obtained from Lift Systems, Inc.

### 75 TON TWINLIFT LOAD CHART

#### FOR USE WITH LIFTING EYE ONLY

#### STANDARD NON-REMOVABLE “A” COUNTERWEIGHT

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#### LOAD CHARTS FOR “A”, “B”, AND “C” COUNTERWEIGHT

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#### NOTES:
- MANUAL FLY SECTION CAPACITIES ARE LIMITED BY ANGLE. DO NOT USE FOR WORKING WIND SPEEDS OF 35 MILES PER HOUR OR MORE.
- ALL CAPACITIES ARE IN POUNDS.