JC-40 Jib Crane

Standard Boom Length: 120' (36.58 m) Lift Capacity: 40,000 lbs. (18,144 kgs)
Optional Boom Length: 100' (30.48 m) Lift Capacity: 52,000 lbs. (23,587 kgs)
Optional Boom Length: 150' (45.72 m) Lift Capacity: 25,000 lbs. (11,340 kgs)

Note: Optional equipment may be shown in photo.
### OPERATING CAPACITY

<table>
<thead>
<tr>
<th>Type</th>
<th>Gross</th>
<th>Optional:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40,000 lbs.</td>
<td>100 ft. boom, 52,000 lbs.</td>
</tr>
<tr>
<td></td>
<td>(18,144 kgs.)</td>
<td>(23,587 kgs.)</td>
</tr>
</tbody>
</table>

### GRAPPLE SIZE

<table>
<thead>
<tr>
<th>Size</th>
<th>Typical 20 sq. ft.</th>
<th>9,500 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horsepower</td>
<td>40 HP (39 KW)</td>
<td>(4,309 kgs.)</td>
</tr>
<tr>
<td>Weight</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### HOIST SPEED

<table>
<thead>
<tr>
<th>Mode</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty-up</td>
<td>0-120 FPM (0-36 mph)</td>
</tr>
<tr>
<td>Empty-Down</td>
<td>0-110 FPM (0-33 mph)</td>
</tr>
<tr>
<td>Loaded-up</td>
<td>0-110 FPM (0-33 mph)</td>
</tr>
<tr>
<td>Loaded-Down</td>
<td>0-120 FPM (0-36 mph)</td>
</tr>
</tbody>
</table>

### TROLLEY TRAVEL

<table>
<thead>
<tr>
<th>Type</th>
<th>Distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>100 ft. (30.48 m)</td>
</tr>
</tbody>
</table>

### TROLLEY SPEED

<table>
<thead>
<tr>
<th>Type</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>0-175 FPM (0-53 mph)</td>
</tr>
</tbody>
</table>

### SWING SPEED

| RPM       | 1 |

### BOOM

<table>
<thead>
<tr>
<th>Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>120 ft. (36.58 m)</td>
</tr>
<tr>
<td>Optional:</td>
<td>100 ft. (30.48 m)</td>
</tr>
<tr>
<td>Optional:</td>
<td>150 ft. (45.72 m)</td>
</tr>
</tbody>
</table>

### STORAGE CAPACITY - CORDS

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree Length Circles</td>
<td>6-12,000</td>
</tr>
<tr>
<td>Cut to Length Rows</td>
<td>6-16,000</td>
</tr>
</tbody>
</table>

### ELECTRICAL

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoist Motor</td>
<td>150 HP (DC)</td>
</tr>
<tr>
<td>Trolley Motor</td>
<td>50 HP (DC)</td>
</tr>
<tr>
<td>Swing Motor</td>
<td>50 HP (DC)</td>
</tr>
<tr>
<td>Grapple Pump Motor</td>
<td>40 HP (AC)</td>
</tr>
<tr>
<td>Total Connected Horsepower</td>
<td>290 HP</td>
</tr>
<tr>
<td>Electrical Service</td>
<td>3-phase, 60 Hz, 480 VAC</td>
</tr>
<tr>
<td>Lights</td>
<td>500 W Quartz</td>
</tr>
</tbody>
</table>

### STANDARD CONFIGURATION

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard Height</th>
<th>Optional Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length (with 120' Boom)</td>
<td>179' (54.56 m)</td>
<td>179' (54.56 m)</td>
</tr>
<tr>
<td>Overall Height (above Foundation Stub) Approximately</td>
<td>92' (28.04 m)</td>
<td>118' (35.97 m)</td>
</tr>
<tr>
<td>Main Boom Length</td>
<td>120' (36.58 m)</td>
<td>120' (36.58 m)</td>
</tr>
<tr>
<td>Tail Swing (from Column Centerline)</td>
<td>52' (15.85 m)</td>
<td>52' (15.85 m)</td>
</tr>
<tr>
<td>Column Diameter</td>
<td>9' (2.74 m)</td>
<td>9' (2.74 m)</td>
</tr>
</tbody>
</table>
STANDARD EQUIPMENT

STRUCTURAL
120' Boom (36.58 m), 40,000 lbs. (18,144 kgs.) Lift
9' (2.74 m) Diameter Column
Lower Column Group, 67'
Ladders with Cage on Column
Walkways with Handrails for Front and Rear Booms
I Beam Structure on A Frame with Wiring to accept
Hoist Unit
Lube System 120' Boom
Basket Structure / Power Cable
A Frame Access Ladder - 20'

OPERATOR'S CAB
Cab with Tinted Glass
Cab Heater - Electric
Sun Visors
Swivel Operator's Console
Two Windshield Wipers
Sound Powered Headset and Phone Jacks

TROLLEY GROUP
Trolley Assy Group
# 3 Trolley Drive Gearbox
S1 - DC Trolley Drive Motor

HOIST GROUP
L-DC Motor Hoist (0 - 110 FPM)
N3 Driver Hoist Gear Unit
Cable Group, 7/8" Hoist
Service Hoist Installation

SWING GROUP
Swing Table Group
S1 - DC Swing Drive Motor
# 5 Swing Drive Gearbox
Grease Gutter under Swing Gear

ELECTRICAL
Electrical Control House on Rear Boom
Electric Control Group
Electric Wiring Group
400 Amp Slip Ring
Control System Group / Motor
Instruments and Switches Group

STANDARD EQUIPMENT (CONTINUED)

LIGHTS / ALARMS
Three (3) 500W Quartz Halogen Work Lights
Krueger High Wind Alarm
Overload System, Audible and Visual Alarms
Aircraft Warning Light

GENERAL
Hydraulic Brake Pump
Hydraulic Brakes with Watchdog Electronics and Siren for Hoist
Side Thrust Roller Auto Lube System
Paint Group / Enamel, LeTourneau Yellow

OPTIONAL EQUIPMENT
Air Compressor Group
Anchor Bolt Ring (Ship Loose)
Anti - Collision System
Anti - Condensation Heater - Control House
Battery Powered Emergency Lights (Indoor)
Battery Powered Emergency Lights (Outdoor)
Boom Group, 100' (30.48 m), 52,000 lbs. (23,587 kgs.) lift
Boom Group, 150' (45.72 m), 25,000 lbs. (11,340 kgs.) lift
Custom Walkways and Handrails
Electrical Outlet Strips - Six (6) Outlets
Elevator for Access
Epoxy Paint to Customer Specifications
Gaitronic Public Address and Phone Group
Grapples to fit Application
High Pressure Sodium Lights - 1,000 Watts (in lieu of Standard Lights)
Inside Handrail - Spiral Stair
Level Switch Kit
Ladder Jack Bolt Access Structure
Main Boom Monorail Structure
Roof Mounted Air Conditioner Unit
Service Hoist
Spiral Stair - Column - Galvanized Grating
Spiral Stair, Middle Column (1-1/4 X 3/16) (89' Column)
Spiral Stair, Base Column (89' Column)
Template Structure (No Installation)
Trolley Access Platform
Trolley Access Platform with Galvanized Grating
Welding Receptacle / 60 Amp
Wiring for TV Cameras and Monitors

LeTourneau Technologies, America, Inc. has made every effort to make these specifications as accurate as possible at the time of printing. However, we reserve the right to make changes and improvements in equipment, materials, and specifications at any time without notice. To insure the most current information, please contact your LeTourneau Representative.

Troutdale, OR 1-503-669-1276
Lakewood, WA 1-253-588-1726
Redding, CA 1-530-365-0175
Coeur d' Alene, ID 1-208-765-4989
Prince George, BC 1-250-649-0679
Fax: 1-503-666-6681
E-mail: letourneautechnologies.com

Page 4 LeTourneau Technologies JC-40 Jib Crane Specifications, 3/11