SJ843 TH
TELEHANDLER

KEY FEATURES
- 8,000 lbs (3,629 kg) Maximum lift capacity
- 43' 4" (13.21 m) Maximum lift height
- 6,000 lbs (2,722 kg) Capacity @ maximum lift height
- 28' 7" (8.71 m) Maximum forward reach
- 1,900 lbs (862 kg) Capacity @ maximum forward reach
- DPF & DEF Free Tier 4 Final 74hp / 221 lb-ft Deutz TCD 2.9L engine
- 17,750 lbs Drawbar pull
- 3 Speed Dana powershift transmission & Dana axles
- Yoke mounted lifting hook
- 48" Quick attach, floating pin carriage
- Pallet forks, 2"x4"x48", 8,000 lbs capacity

STANDARD FEATURES
- Auxiliary hydraulics
- Engine block heater
- Quick attach carriage mount
- Rear window with wiper
- Side window
- Suspension seat
- Single multifunction pilot operated joystick control
- In cab engine multifunction display
- Hydraulic test ports
- Lockable in cab storage box
- Rear towing hitch pin
- Fiberglass engine cowling
- Steel component and access covers
- 2 Year Gold Leaf Warranty (5 year structural warranty)

TIRE OPTIONS
- Foam filled 13 x 24 16PR grip lug
- Pneumatic 13 x 24 16PR hard surface
- Foam filled 13 x 24 16PR hard surface
- Airless solid rubber 13 x 24
- Non-marking foam filled 13 x 24 16PR rough terrain
- Non-marking airless solid rubber 13 x 24

FORK OPTIONS
- Pallet forks, 2"x4"x48" or 60", 8,000 lbs capacity
- Pallet forks, 2"x5"x48", 60", 9,200 lbs capacity
- Pallet forks, 2.25"x5"x48", 60" or 72", 12,000 lbs capacity
- Fully tapered forks, 1.75"x7"x48", 12,000 lbs capacity
- Block forks, (set of 6) 2"x1.5"x46", 9,000 lbs capacity

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1 Standard lead times may be increased when optional equipment is added, consult factory.
2 Capacities and machine weights may differ when options are added.

NA/ENG/12/2018
### SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>SJ843 TH</th>
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</thead>
<tbody>
<tr>
<td>Maximum Lift Capacity</td>
<td>8,000 lbs (3,629 kg)</td>
</tr>
<tr>
<td>Maximum Lift Height</td>
<td>43’ 4&quot; (13.2 m)</td>
</tr>
<tr>
<td>Rated Lift Capacity @ Maximum Height</td>
<td>6,000 lbs (2,722 kg)</td>
</tr>
<tr>
<td>Maximum Forward Reach</td>
<td>28’ 7&quot; (8.71 m)</td>
</tr>
<tr>
<td>Rated Lift Capacity @ Maximum Reach</td>
<td>1,900 lbs (862 kg)</td>
</tr>
<tr>
<td>O/A Length - Less Forks</td>
<td>19’ 6&quot; (5.94 m)</td>
</tr>
<tr>
<td>Overall Height - Stowed</td>
<td>7’ 11&quot; (2.41 m)</td>
</tr>
<tr>
<td>Overall Width</td>
<td>8’ 5&quot; (2.56 m)</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td>19” (48.3 cm)</td>
</tr>
<tr>
<td>Turning Radius - Outside</td>
<td>147” (3.73 m)</td>
</tr>
<tr>
<td>Operating Weight</td>
<td>21,980 lbs (9,970 kg)</td>
</tr>
<tr>
<td>Engine</td>
<td>74hp / 221 lb-ft Deutz TCD2.9L T4F</td>
</tr>
<tr>
<td>Max Travel Speed - Forward</td>
<td>17mph (27 km/h)</td>
</tr>
<tr>
<td>Drawbar Pull</td>
<td>17,750 lbs</td>
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<tr>
<td>Transmission</td>
<td>Dana Powershift, 3 Speeds F/R</td>
</tr>
<tr>
<td>Axles</td>
<td>Dana</td>
</tr>
<tr>
<td>Steering</td>
<td>3 mode (Front Wheel, 4 Wheel, Crab)</td>
</tr>
<tr>
<td>Tires</td>
<td>Pneumatic 13 x 24 16PR Grip Lug</td>
</tr>
<tr>
<td>Fuel Tank Capacity</td>
<td>35.7 gallon (142 L)</td>
</tr>
<tr>
<td>Hydraulic Reservoir</td>
<td>43.85 gallon (166 L)</td>
</tr>
</tbody>
</table>

### OPTIONS

- Closed cab (adds front and top window with wipers, full door, heater/defroster, operator fan)
- Air conditioning (Closed cab only)
- Continuously variable transmission
- Premium joystick
- Back up sensor
- Backup sensor and camera
- Service convenience package (remote axle grease points & clean drain engine oil pan valve)
- Cold weather package (cold start engine oil, 50/50 antifreeze mix, battery blanket & hyd. tank heater)
- Four wheel fenders
- Road light package (2 front headlights, front & rear turn signals, tail lights, brake lights)
- Work light package (2 front facing & two rear facing halogen work lights)
- Boom Light Package (2 boom mounted LED work lights)
- Rotating beacon
- Positive air shut-off valve
- Reserve brake system
- Pintle hitch (in lieu of standard hitch pin)
- Non destructive testing
- ELEVATE telematics package
- Warranty options (3 year and 5 year options available)

### QUICK ATTACH CARRIAGES / ATTACHMENTS

- 48", 60" or 72” Floating pin carriage, 10,000 lbs capacity
- 48", 60" or 72” Floating pin, side tilt carriage, 10,000 lbs capacity
- 72” Floating pin, swing carriage, 9,000 lbs capacity
- 53” Fork positioner, 10,000 lbs capacity
- 2’ High capacity jib boom, 10,000 lbs capacity
- 12’ Truss boom, 2,000 lbs capacity
- 1.75 Cubic yard bucket, 4,000 lbs capacity

### IMPORTANT

- Machine design complies with ANSI/ITSDF B56.6-2016 stability requirements for rough terrain forklifts.
- Rated capacities shown are with machine on firm level ground, steered straight with frame level and on properly inflated tires.
- Read boom angle and boom extension, then determine allowable load from chart. Do not exceed rated loads as dangerous and unstable machine conditions will result.
- Always travel with boom retracted in the lowest possible position.