SPARTAN MANUFACTURES
LATEST TECHNOLOGY TOWER CRANES
ADHERING TO INTERNATIONAL SAFETY STANDARDS

Advanced ~ Reliable ~ Safe

★ Available in Stationary, Inner Climbing, Skid Mounting & Traveling Models
★ Strong Service & Spare Parts presence in major Cities across India
★ Robust Mast & Jib Section for uninterrupted & safe operations

Fully Dedicated Manufacturing Unit & In-house Design & Development Team
Sales, Service & Spares Network of 16 Cities Pan India
500+ Tower Cranes across India
100+ Satisfied Customers
150+ Well Trained Engineers & Technicians

www.spartanindia.com
SPARTAN’S TOWER CRANES
Used in building India’s Prestigious Realty Projects since last 7 years

Dakshina
Cosmos Jewel, Mumbai

Dosti Imperia
Manglam Infra., Mumbai

Gaur Gradeur City
Gaursons India Ltd., Delhi

Adani Shantigram,
Vascon Engineers, Ahmedabad

Brindavan,
Marg Ltd., Chennai

Imperial Heights, Hyderabad

Pioneer Park, Delhi

Savithanjali,
Marg Ltd., Chennai

Platinum Green House,
Flagship, Pune

Prestige Tranquility
K2K Infra., Bangalore

Space Station - 1,
Aliens Developers, Hyderabad

Turquoise,
Nirmal Life Style, Mumbai
Spartan has been the front runners in getting Tower Cranes to India. With around 7 years of experience in delivering the best Tower Cranes to the industry, we can assure you the most advanced and the safest Tower Cranes any one could offer. We boast of a dedicated manufacturing set-up for Tower Cranes.

The plant manufactures various models of Tower Cranes, from 6 to 50 ton capacity of Stationary, Inner Climbing and Luffing crane models. With all the in-house designing, manufacturing and quality control systems set up, Spartan has an edge over others. Well equipped with latest machineries and processes, our plant delivers rugged Tower Cranes with high level of sophistication, adhering to international safety standards.
**TECHNICAL SPECIFICATIONS OF CTT -60.4 - 4010 TOPLESS 6MT. CRANE**

- 1.2 x 1.2 x 3 m welded.
- Pin Joining System.
- 140 X 140 X 15mm Angle of Q345 Prime Steel.
- 30m HUH Free Standing Height.
- Inner Climbing Crane can fit in lift shaft size of 1.8m x 2m.

**LOAD DIAGRAMS**

<table>
<thead>
<tr>
<th>Load Class</th>
<th>Height (m)</th>
<th>Trolleying: Be2448</th>
<th>Slewing: RVF55</th>
<th>Traveling: Rt225</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>2.0t-27.6t</td>
<td>40-20m/min</td>
<td>0-0.8r/min</td>
<td>415V/25m/min</td>
</tr>
<tr>
<td>IV</td>
<td>4.0t-14.3t</td>
<td>4.0/1.5kw</td>
<td>2N/1.5Nm</td>
<td>2x2.9kw</td>
</tr>
</tbody>
</table>

**MECHANISM**

- **Trolleying**
  - Be2448
  - 40-20m/min
  - 2.4/1.5kw

- **Slewing**
  - RVF55
  - 0-0.8r/min
  - 4Nm

- **Traveling**
  - Rt225
  - 25m/min
  - 2x2.9kw

**415V 10%-10% 150Hz 20LVF.22kVA**

<table>
<thead>
<tr>
<th>Load Class</th>
<th>Height (m)</th>
<th>kW</th>
<th>Rope Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>2.0t-30t</td>
<td>4.2</td>
<td>280mm</td>
</tr>
<tr>
<td>IV</td>
<td>4.0t-16.0t</td>
<td>20.8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.0t-20.0t</td>
<td>34.8</td>
<td></td>
</tr>
<tr>
<td>III</td>
<td>69.5</td>
<td>15kW</td>
<td></td>
</tr>
</tbody>
</table>

**ANCHORAGES**

<table>
<thead>
<tr>
<th>Anchorages</th>
<th>Height (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
<td>30m</td>
</tr>
<tr>
<td>IV</td>
<td>4.0t-18.8t</td>
</tr>
</tbody>
</table>

**MAST**

- **S23**
  - H(m): 31.5, 28.5, 25.5, 22.5, 19.5, 16.5
  - H1(m): 27, 24, 21, 18, 15, 12

- **Stationary**
  - 1.2m
  - 7.5m

- **Inner Climbing**
  - 1.2m
  - 7.5m
**TECHNICAL SPECIFICATIONS OF CTT -70.5 - 5013 TOPLESS 5MT. CRANE**

**MECHANISM**

<table>
<thead>
<tr>
<th></th>
<th>Trolleying</th>
<th>Slewing</th>
<th>Traveling</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BE2248</td>
<td>RCV95</td>
<td>Rt225</td>
</tr>
<tr>
<td></td>
<td>0-40</td>
<td>0-0.8r/min</td>
<td>25m/min</td>
</tr>
<tr>
<td></td>
<td>2.4kw</td>
<td>95Nm</td>
<td>2x2.9kw</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Hoisting</th>
<th>20LVF</th>
<th>18kW</th>
<th>300m of Dia 12 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0-30</td>
<td>0-15</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30-60</td>
<td>20-40</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.5</td>
<td>5</td>
<td>2.5</td>
<td></td>
</tr>
</tbody>
</table>

**ANCHORAGES**

<table>
<thead>
<tr>
<th></th>
<th>35m</th>
<th>50m</th>
<th>65m</th>
<th>80m</th>
<th>95m</th>
<th>110m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>38.65m</td>
<td>43.65m</td>
<td>58.65m</td>
<td>73.65m</td>
<td>85.65m</td>
<td>95m</td>
</tr>
</tbody>
</table>

**LOAD DIAGRAMS**

- 1.2 x 1.2 x 3 m welded.
- Pin Joining System.
- 150 X 150 X 15mm Angle of Q345 Prime Steel.
- 35m HUH Free Standing Height.

**MAST**

- S24
- S24
- S24

- H(m)
- 35.7
- 32.7
- 29.7
- 26.7
- 23.7
- 20.7
- 17.7
- 14.7
- 11.7

- H1(m)
- 27.7
- 24.7
- 21.7
- 187

- H(m)
- 9
- 8
- 7
- 6
- 5
- 4
- 3
- 2
- 1

- H1(m)
- 7
- 6
- 5
- 4
- 3
- 2
- 1

- Traveling
- Stationary
- Inner Climbing

- 1.2 x 1.2 x 3 m welded.
- Pin Joining System.
- 150 X 150 X 15mm Angle of Q345 Prime Steel.
- 35m HUH Free Standing Height.
- 1.2 x 1.2 x 3 m welded.
- Pin Joining System.
- 150 X 150 X 15mm Angle of Q345 Prime Steel.
- 35m HUH Free Standing Height.
- 1.6 x 1.6 x 3 m Split Mast.
- Pin Joining System.
- 180 X 180 X 18mm Angle of Q345 Prime Steel.
- 50m HUH Free Standing Height.
- Inner Climbing Crane can fit in lift shaft size of 2.5m x 2.5m.

**MECHANISM**

- Trolleying: 5.5LVF | 0–50m/min | 4kw
- Slewing: RC95 | 0–0.8r/min | 95Nm
- Traveling: RT324 | 12.7/25.4m/min | 2x2.6/5.2kw

**380V(±5%)50Hz**

<table>
<thead>
<tr>
<th>m/min</th>
<th>t</th>
<th>kW</th>
<th>Rope Length</th>
<th>m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoisting: 33LVF15</td>
<td>0–40</td>
<td>3</td>
<td>146m</td>
<td></td>
</tr>
<tr>
<td></td>
<td>40–80</td>
<td>1.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0–20</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>20–40</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traveling: RT324</td>
<td>12.7/25.4m/min</td>
<td>2x2.6/5.2kw</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ANCHORAGES**

- 50m
- 74m
- 98m
- 122m
- 146m
**OUR NATIONAL NETWORK**

- **Delhi**: C-24, DSIDC Complex, FIE Ground floor, Patparganj Industrial Area, Near Water Tank, Delhi – 110092
- **Kolkata**: P-205, Lake Town, Block ‘A’ Opp. Sangam Complex, Police Station Lake Town, Kolkata – 700089
- **Pune**: Survey No: 34/15, Chandrasen Apt., Flat No: 02, Lane No: 8, Prabhat Road, Pune - 411004
- **Ahmedabad**: 305, Ruturaj Chamber, Vijay Char Rasta, Navrangpura, Ahmedabad - 380009
- **Hyderabad**: No. 27, Paigha colony, S.P. Road, Near, Anand Theatre, Secunderabad - 500003
- **Bangalore**: ‘Nandana’ No. 108/7, 3rd Floor, First Main Road, Income Tax Layout, Bangalore - 560040
- **Chennai**: Plot No. 10, First floor, 5th Cross Street, Brindhavan Nagar, Valasaravakkam, Chennai – 600087

**OUR STATE OF THE ART INFRASTRUCTURE**

- Navi Mumbai for Bar Cutting & Bending Machines
- Atgaon, Mumbai for Man & Material Hoists
- China for Tower Cranes

**OUR OTHER PRODUCTS**

- Bar Cutting Machine
- Bar Bending Machine
- Passenger & Material Hoist
- Multifunctional Material Hoist
- Rope Suspended Platform

**OUR VALUED PATRONS**

- Nagarjuna Construction Company Ltd.
- APARNA CONSTRUCTIONS
- Punj Lloyd
- Ahluwalia Contracts (India) Limited
- LARSEN & TOUBRO LIMITED
- M2K
- ERA
- K2K
- LODHA
- B L Kashyap
- VAIRCAL
- MARG
- APARNA CONSTRUCTIONS
- J. KUMAR INFRASTRUCTURE LIMITED
- B.F. Billimoria & Com. Limited

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- Bar Bending Machine
- Passenger & Material Hoist
- Multifunctional Material Hoist
- Rope Suspended Platform

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