Luffing crane

Slim, flexible and safe

Lifting capacity (max.): 32.0 t
Radius (max.): 60.0 m
Lifting capacity at the tip (max.): 4,500 kg
Hoist height (max.): 1,100 m
The new 357 HC-L Luffing crane features a range of highlights:
The 355 IC tower system is ideal for climbing in and on the side of buildings. At just 1.9 m x 1.9 m it is the slimmest tower system in its class. High handling capacities are guaranteed with the new 160 kW hoist gear. Hook heights up to 1,100 m and empty hook speeds of up to 240 m/min give you a massive benefit on your site.

The 357 HC-L Luffing crane is available in the 12/24 t Litronic version and in the 18/32 t Litronic version.
Towers for all applications

The 357 HC-L makes you flexible. Depending on where the crane is to be deployed, choose the most suitable tower system with its very special benefits. A new universal cruciform base measuring 6 m x 6 m is also available.

355 IC tower system
- Just 1.9 x 1.9 m outer dimensions
- Climbing in buildings even in narrow elevator shafts
- Climbing on the side of buildings
- Durable taper pin connection, entirely free from play
- Transport in a container (40’)

500 HC tower system
- 2.45 x 2.45 m outer dimensions
- Suitable for extremely high tower configuration heights
- Versatile, modular combinations with other Liebherr tower systems
- Durable taper pin connection, entirely free from play
- Transport in a container frame
The compact slewing platform

With a slewing radius of 7.5 m, the 357 HC-L has an extremely compact design. All the drive units are easily accessible and meet the highest safety standards. The Liebherr control and monitoring system guarantees safe operation at great heights.

- **Faster luffing speeds**
  - with the same capacity increase efficiency

- **Easily accessible high performance drive units**
  - Frequency converter hoist gears up to 160 kW

- **Spring supports**
  - guarantee safety during operation and when not in use

- **Maximum safety**
  - Secondary brakes secure the load and jib

- **Control and monitoring system**
  - Electronic monitoring system EMS
  - Load-moment limiting system LMB
  - Operating-range limiting system ABB
  - Machine data recording MDE
  - Anti-collision system AKS (interface)

<table>
<thead>
<tr>
<th>Technical data</th>
<th>12/24</th>
<th>18/32</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Version</strong></td>
<td>12/24</td>
<td>18/32</td>
</tr>
<tr>
<td><strong>Maximum radius</strong></td>
<td>60.0 m</td>
<td>60.0 m</td>
</tr>
<tr>
<td><strong>Maximum lifting capacity</strong></td>
<td>24.0 t</td>
<td>32.0 t</td>
</tr>
<tr>
<td><strong>Lifting capacity at tip</strong></td>
<td>4,500 kg</td>
<td>4,100 kg</td>
</tr>
<tr>
<td><strong>Min. slewing radius</strong></td>
<td>7.5 m</td>
<td>7.5 m</td>
</tr>
<tr>
<td><strong>Tower height</strong></td>
<td>70.7 m</td>
<td>70.7 m</td>
</tr>
</tbody>
</table>

- **Well thought out**
  - Transport in full in a container