

# Luffing crane

**357 HC-L** 12/24 Litronic®  
18/32 Litronic®

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



**Slim,  
flexible  
and safe**

# LIEBHERR

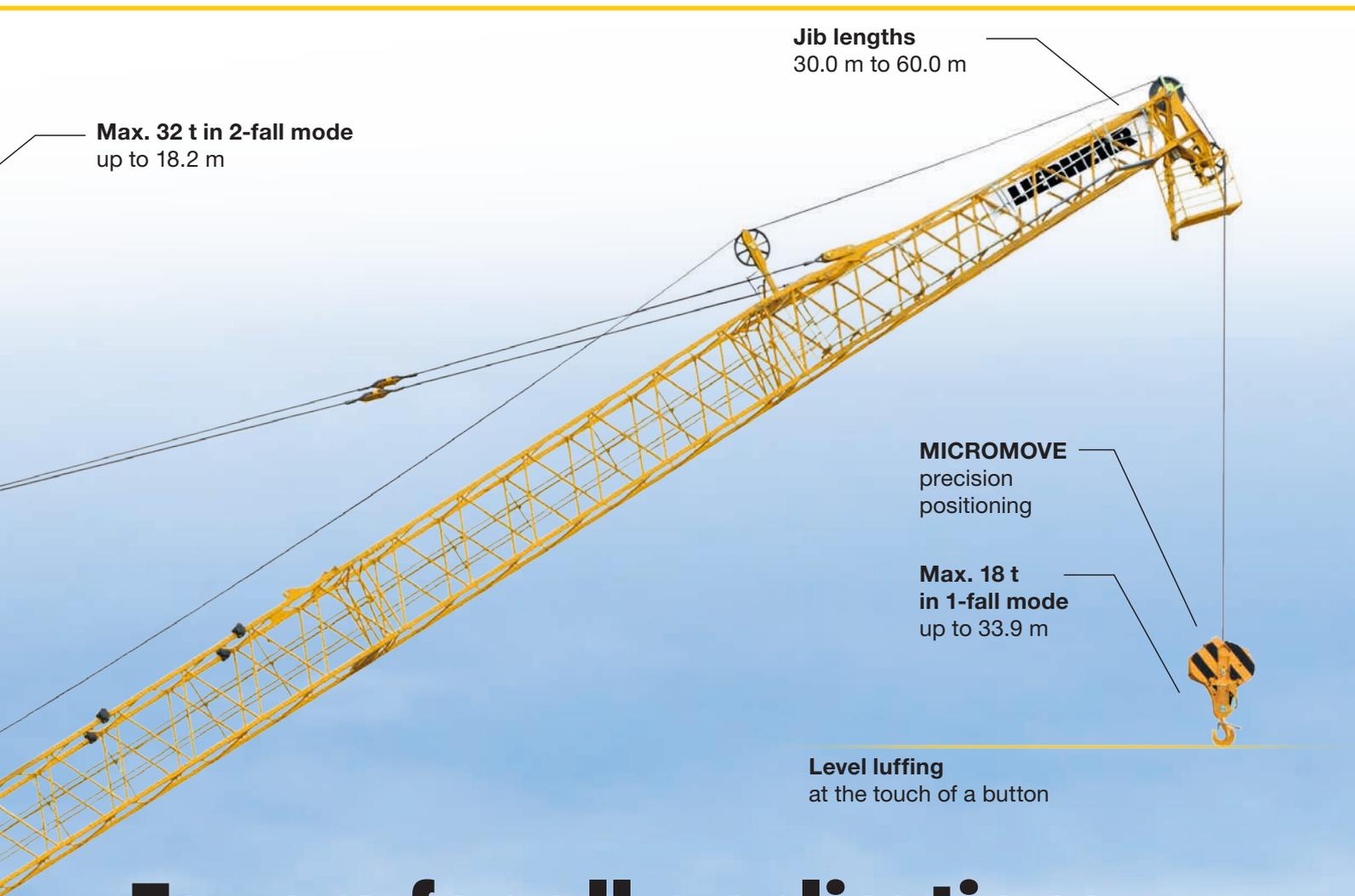
# Slim, flexible and safe

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.



**Out-of-operation position**  
17.4 m at 50.0 m jib length



**Max. 32 t in 2-fall mode**  
up to 18.2 m

**Jib lengths**  
30.0 m to 60.0 m

**MICROMOVE**  
precision  
positioning

**Max. 18 t  
in 1-fall mode**  
up to 33.9 m

**Level luffing**  
at the touch of a button

# 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 and 500 HC tower systems



1.90 m



2.45 m

### 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.

**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

## 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)

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

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

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

## Technical data

Version	12/24	18/32
Maximum radius	60.0 m	60.0 m
Maximum lifting capacity	24.0 t	32.0 t
Lifting capacity at tip	4,500 kg	4,100 kg
Min. slewing radius	7.5 m	7.5 m
Tower height	70.7 m	70.7 m