

Fast-erecting crane

53 K

Extremely adaptable

Max. lifting capacity: 4,200 kg
Max. radius: 40.0 m
Lifting capacity at jib head: 1,100 kg



LIEBHERR

The 53 K - extremely adaptable

Jib rod guying

Safe, easy erection and dismantling

Rope erection

Low maintenance erection kinematics using rope

Torsionally resistant

Fully automatic and play-free tower connection

Current collector

No restrictions with slewing, no wound cables

Efficient FC drive units

infinitely adjustable and sensitive

Quick-Connection

for play-free connection of the tower to the slewing platform

Semi-automatic ballasting equipment

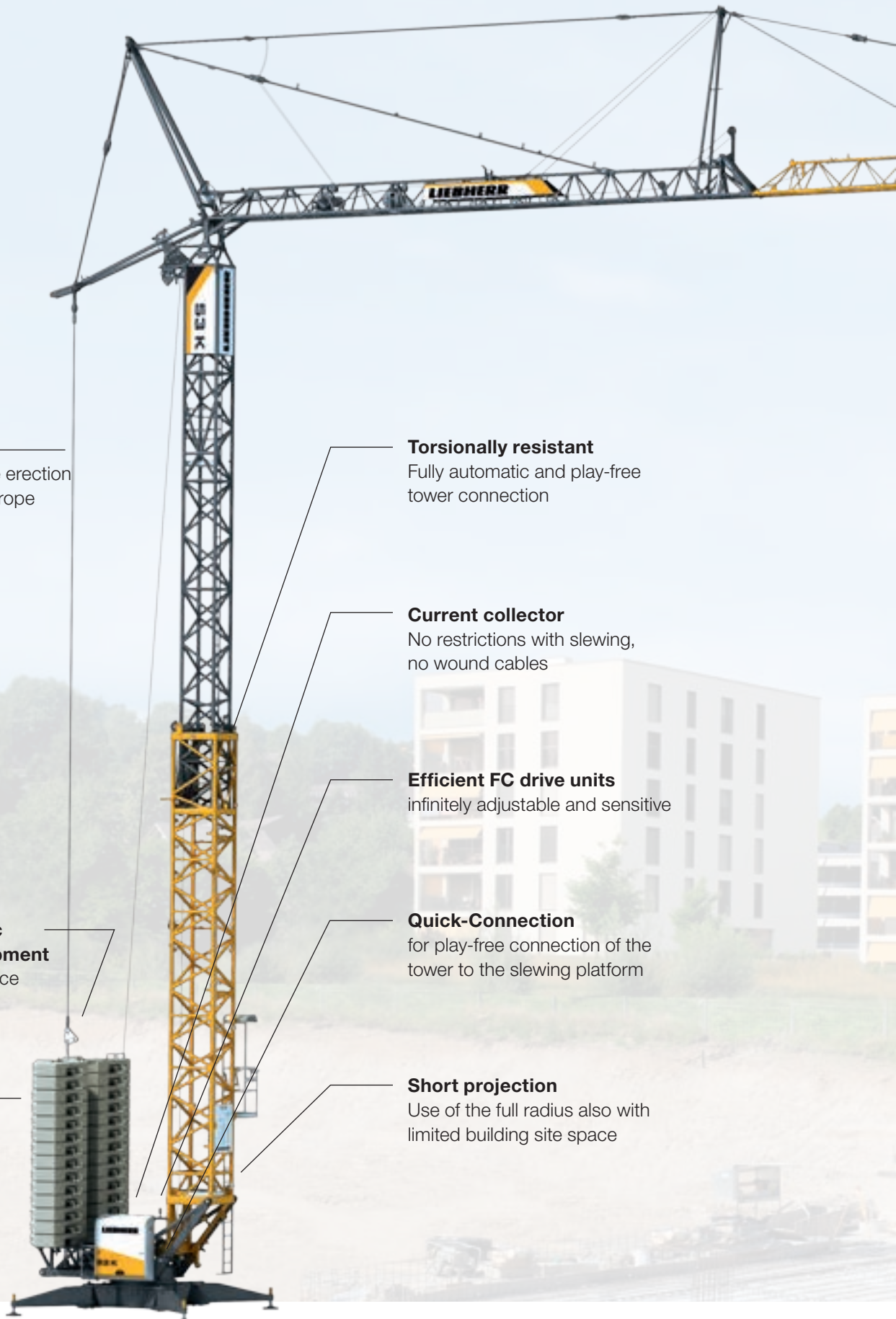
with centring device

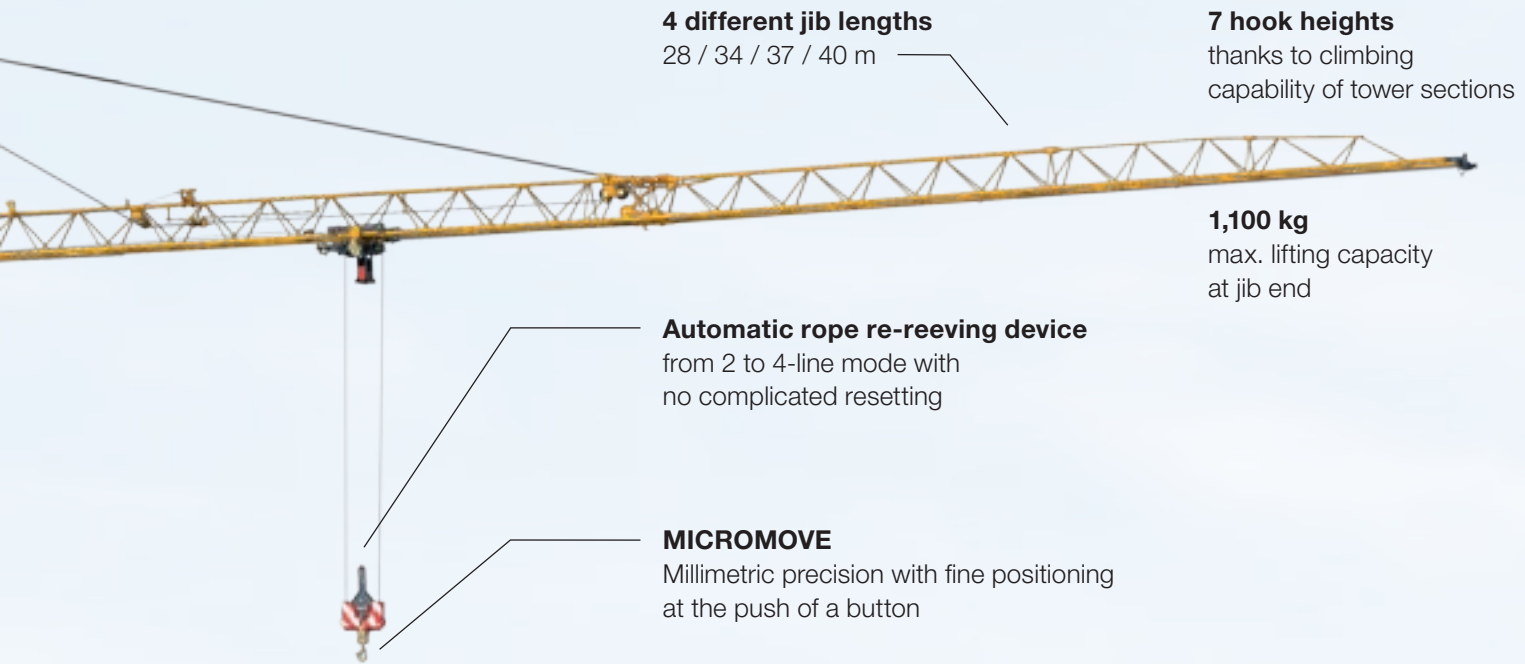
Compact slewing radius

2.50 m

Short projection

Use of the full radius also with limited building site space





4 different jib lengths

28 / 34 / 37 / 40 m

7 hook heights

thanks to climbing capability of tower sections

1,100 kg

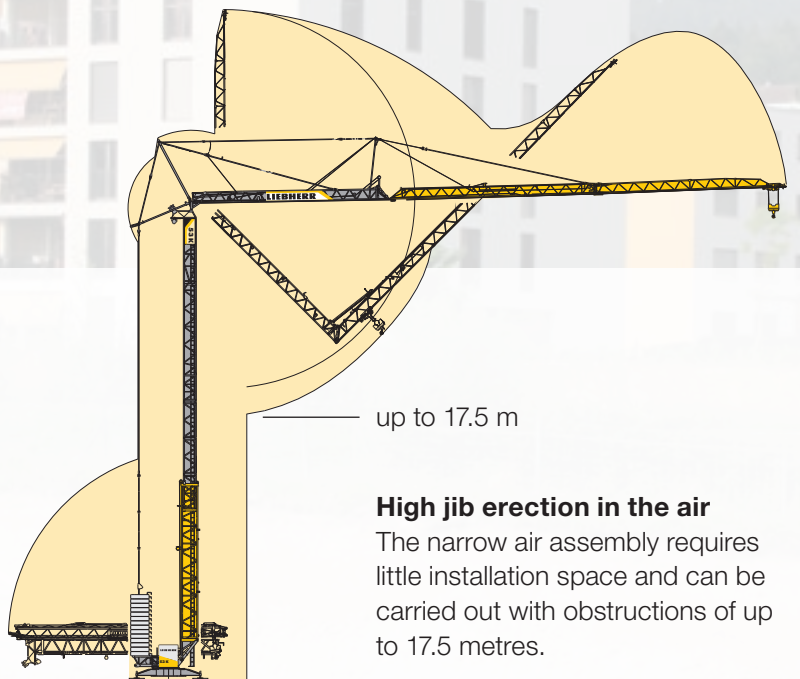
max. lifting capacity at jib end

Automatic rope re-reeving device

from 2 to 4-line mode with no complicated resetting

MICROMOVE

Millimetric precision with fine positioning at the push of a button



up to 17.5 m

High jib erection in the air

The narrow air assembly requires little installation space and can be carried out with obstructions of up to 17.5 metres.

Technical data	
Maximum lifting capacity	4,200 kg
Lifting capacity at jib head	1,100 kg
Maximum working radius	40.0 m
Slewing radius	2.50/3.20 m
Hook heights	
Tower telescoped in	15.8 m
Tower telescoped out	23.8 m
3 climbing tower sections	31.0 m
20° raised jib position	43.1 m

The 53 K with its benefits



Flexible is efficient

- Fast climbing up to 3 tower sections
- 7 different horizontal hook heights
- 4-way adjustable jib from 28.0 to 40.0 m
- 20° raised jib position
- 45° jib obstruction avoidance position



MICROMOVE:

Millimetre precise positioning

With MICROMOVE, at the push of a button on the control lever, lowering speed is reduced to micro levels. Even the heaviest loads can be precisely suspended and positioned without using the hoist gear brake.



Pure rope erection

The complete erection process is completed using a well designed, low maintenance erection kinematics system with rope.



Automatic reeving device

Adjustment from 2 to 4-line mode with no complicated resetting.



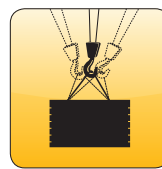
Current collector

No restrictions with slewing, no wound cables.



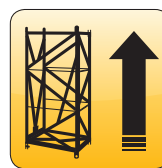
Wind load control

The control reacts automatically to the counter torque on the jib for safe working in the wind.



Load swing damping

Automatic compensation of jib movements for static load.



Fast climbing

Up to 3 tower sections can be inserted to reach hook heights of up to 43.1 metres.