



The powerful king-size hoist for personnel and material



GIANT-Lift



The Böcker GIANT-Lift

Powerful and reliable in any situation

The Böcker GIANT-Lift is a modern king-size hoist for construction projects worldwide. Having a maximum lifting height of 300 m (higher upon request) this construction lift is well prepared even for the most challenging projects. The cabins have lifting capacities up to 3.2 tons and provide sufficient space for up to 28 persons. Powerful engines ensure lifting speeds up to 60 m/min while the sophisticated group control efficiently coordinates several hoists on-site. So the GIANT-Lift becomes particularly strong on large construction sites where huge amounts of material as well as huge numbers of personnel can be transported within short time.

The largest Böcker construction hoist has proven its outstanding quality under extreme weather and operating conditions on various constructions sites. Thanks to its first-class workmanship and extremely robust technology, the GIANT-Lift is a reliable partner even during challenging and particularly complex construction projects.



GIANT-Lift 2260FC in operation in Abu Dhabi

Overview of GIANT-Lift

- Capacity up to 2,000 – 3,200 kg / 28 persons
- Lifting speed 40 or 60 m/min
- Lifting height up to 300 m (higher upon request)
- Cabin dimensions 1.50 x 3.00 – 4.20 m
- Modular cabin design with flexible system of gates and ramps
- Precise landing approach even with full load
- Comfort and Basic Control
- Fast assembly and programming of landings
- Plug-in components for fast assembly of electrical equipment
- Mast system compatible with Superlift LX
- Construction hoist in accordance with EN 12159



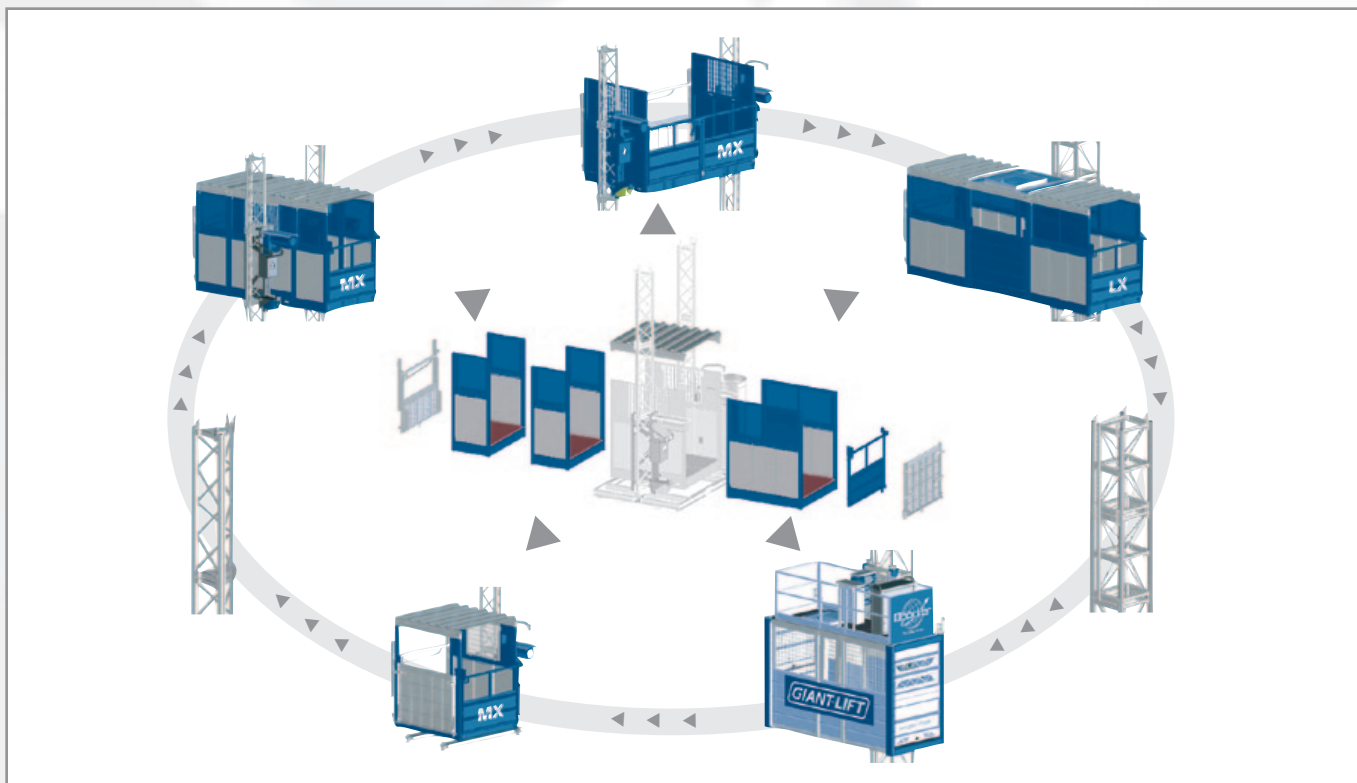
GIANT-Lift 2260FC in operation in Oslo



GIANT-Lift 2260FC in operation in Rotterdam

Böcker modular construction system

Böcker rack and pinion hoists impress by a completely new and highly versatile modular construction system which is characterised by compatible system components. Masts, platforms as well as gates, ramps and closing walls of the models Superlift MX, Superlift LX and GIANT Lift can be combined variably. So Böcker hoists can be adapted individually to the specific requirements of each project. Beside a tailor-made configuration, significant cost advantages can also be achieved.



Böcker modular construction system – variable combination of different components

Technical Specifications

Lifting speed [m/min]	40 or 60
Lifting capacity max. [persons/kg]	28 / 3,200
Lifting height [m]	300 (higher upon request)
Tie distance [m]	15
Drive unit	3 frequency-controlled motors
Cabin dimensions [m]	1.50 x 3.00 – 4.20
Gate opening [m]	1.50 x 2.10
C-Gate optional [m]	2.55 – 3.35 x 2.10

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High-tech for efficient & flexible applications



Cabin

- Cabin width 1.50 m
- Cabin length 3.00 m up to 4.20 m
- Modular cabin design for single or twin-cage operation
- Modular system of gates and ramps adjustable according to site conditions
- Upgrade by C-gate on-site upon request
- Extremely robust and equally lightweight design due to use of galvanized materials and aluminium
- Stable design ensures long durability
- Mechanical and electrical components are easily accessible
- Maintenance-free tandem rollers
- Compact transport dimensions clearly reduce assembly times on the construction site
- Low entrance height (0.4 m)
- Overload detection and overload display



Drive unit

- Reduced wear on rack and pinion due to utilization of three motors
- Extremely cost- and energy efficient while providing full performance
- Fast replacement of electric motors due to utilization of plug-in connections
- Sophisticated components ensure long durability as well as maximum operational safety
- Efficient drive units for smooth acceleration and stoppage, therefore minimum wear on rack and pinion
- Automatic lubrication
- Economic operations due to low maintenance costs

The details draw the distinction



Types of hoist control

- Innovative microprocessor control in outdoor technology ensures short dead times and maximum reliability
- Basic control for operation by hoist operator upon request
- Landing preselecting and group control
- Self-explaining, multilingual navigation
- Modern operating data management
- Simple and automatic transformation to formwork pursuit, for approach of sliding and climbing formworks
- Remote maintenance via GPS/GPRS
- Control by automatic, VIP control or assembly operation



Landing control

- Particularly sturdy and weather-proof components
- Simple subsequent assembly
- Single-wire technology permits fast installation and simple refitting of the landing control
- LED display for call and diagnostic function
- No need for time-consuming installations of landing cams or check drives to adjust the landing approach
- Simple programming of landings



Landing gates

- Simple and quick assembly, upon request as complete gate or in individual elements
- Partial or with landing-gate framework
- Mechanical locking
- Unlocking is initiated by the approach of the hoist on the respective floor
- Door locking as well as door position electrically monitored
- Compatible with systems of other manufacturers

Options and special applications



Assembly winch on the cabin roof



Assembly cage extended



Assembly cage retracted



Approach of sliding formwork



Curved mast for approach of cooling tower during the construction of a power plant



Permanent installation in a power plant

Böcker Belgium NV

Boomsesteenweg 101 · B-2630 Aartselaar

Fon +32 (0) 3/45 76 241

Fax +32 (0) 3/45 76 242

Mail belgium@boecker-group.com

Böcker France SAS

Zac du TEC · F-30320 Marguerittes

Fon +33 (0)4 6620 9364

Fax +33 (0)4 6620 9926

Mail france@boecker-group.com

Böcker Italia srl

Via C. Beccaria 3 · I-37036 San Martino

Fon +39 045 / 87 80 399

Fax +39 045 / 87 80 420

Mail italia@boecker-group.com

Böcker Nederland B.V.

Rolweg 25 · NL-4104 AV Culemborg

Fon +31 (0) 345/51 00 99

Fax +31 (0) 345/51 08 66

Mail nederland@boecker-group.com

Böcker Schweiz AG

Striegelstraße 1 · CH-4665 Oftringen

Fon +41 (0) 62/797 62 62

Fax +41 (0) 62/797 62 68

Mail schweiz@boecker-group.com



Böcker Maschinenwerke GmbH

Lippestraße 69-73 · D-59368 Werne

Fon +49 (0) 23 89/79 83-0

Fax +49 (0) 23 89/79 83-9000

Mail info@boecker-group.com

Web www.boecker-group.com