

Schindler CLIMB Lift™
Transportation Solution
For Your Construction Site



Schindler

Speed up construction with higher transportation efficiency

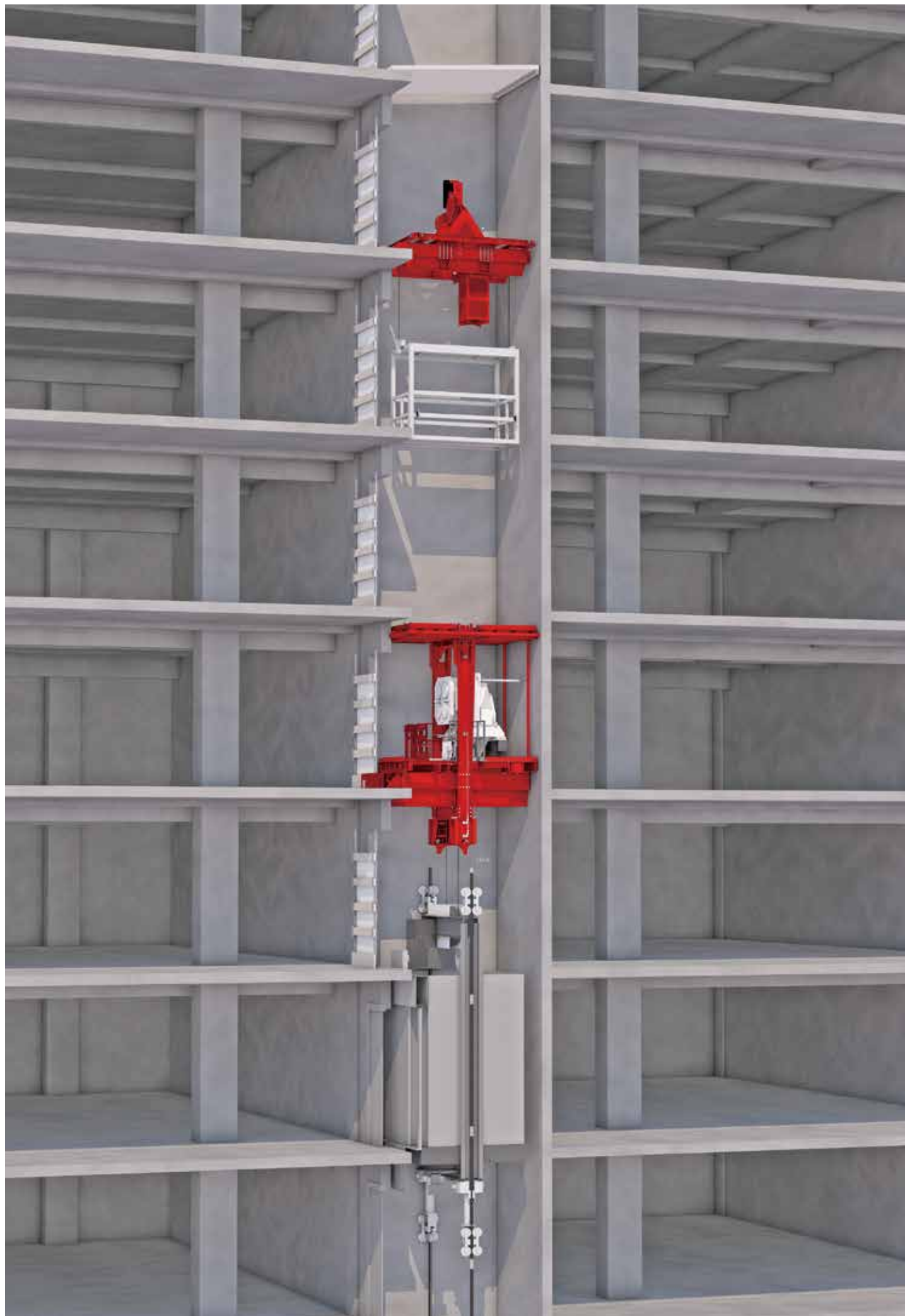
Save expense from material through to manpower

Safe operation under all conditions

Fast development of urbanization creates a need for taller buildings with more efficient and innovative mobility solutions even during building construction.

As a market leader in urban mobility, Schindler is meeting the challenges by continuously developing the best solutions for our customers. Schindler CLIMB Lift™ is an effective and optimal solution for your building during construction.





Schindler CLIMB Lift™



Crash deck

The waterproof crash deck provided by the main contractor protects the Schindler CLIMB Lift™ and people working underneath it from falling objects.



Lifting platform

In self-climbing mode, the lifting platform provides independence from the tower crane. It hoists itself up using a dedicated suspension point provided at the crash deck or slip form.



False car

In between the lifting platform and the machine platform, a false car is used for the installation of guide rails, landing doors, and other elevator hoistway components.



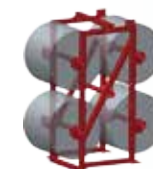
Machine platform

The machine platform contains the elevator machine and control. It is hoisted up either with the tower crane or with the optional lifting platform.



Elevator car

Below the machine platform, the permanent elevator car is in operation, fitted with a temporary cladding.



Rope spools

The spare traction ropes are stored on spools in the elevator pit (not shown at left).

Speed up construction

Automatic door system

Door opening and closing times are one of the most time-consuming factors of vertical transportation.

The Schindler CLIMB Lift™ offers automatic door closing, allowing smooth and efficient rides, and is up to three times faster than an external hoist.

Early facade closing

Because the Schindler CLIMB Lift™ is inside the building, the building facade can be closed much earlier than with external hoists.

The Schindler CLIMB Lift™ is installed in the permanent elevator hoistway and is not affected by the specific building or facade design.

Efficient site logistics

The Schindler CLIMB Lift™ can be operated from 0.5 to 4 m/s, providing smooth vertical transportation.

Since the Schindler CLIMB Lift™ is located in the center of the building core, movement of people and materials is optimized and cost effective from the beginning.



Save expense

Earlier availability of permanent elevator

Since the elevator installation progresses with the building, the permanent elevator equipment is installed much earlier and the elevator is ready for normal operation much earlier.

Increased productivity

Automated doors and increased travel speed reduce waiting and destination times.

Alternative solution

The Schindler CLIMB Lift™ replaces external hoists and eliminates their rental fees.

Building height : 350m
CLIMB Lift™ usage : 24 / 36 months
Total savings : 191,000 / 286,000 hours manpower

Building height : 250m
CLIMB Lift™ usage : 18 months
Total savings : 73,000 hours manpower

Building height : 150m
CLIMB Lift™ usage : 9 months
Total savings : 11,000 hours manpower



Safe operation

All-weather operation

Exposure to external weather conditions is reduced by vertical transportation in a dry and windproof hoistway central to the core of the building.

Proven technology

Outstanding latest elevator components from the Schindler 7000 product line combined with the technology of the Schindler CLIMB Lift™. The guarantee of a Swiss engineered product complying with proven quality standards.

Compliant with latest elevator standards

The Schindler CLIMB Lift™ fulfills all latest internationally recognized elevator standards.



International Commerce Centre

Hong Kong, China

"Due to the extremely large size of the project, the customer was able to progressively rent out the building throughout the construction phase. Schindler's CLIMB Lift™ allowed for a seamless vertical transportation experience for occupants below while construction continued on the higher floors."

Alan Campbell, Key Project Manager

Building height: 484 m
Year of completion: 2010
Number of high-rise elevators: 58
Number of Schindler CLIMB Lifts: 8



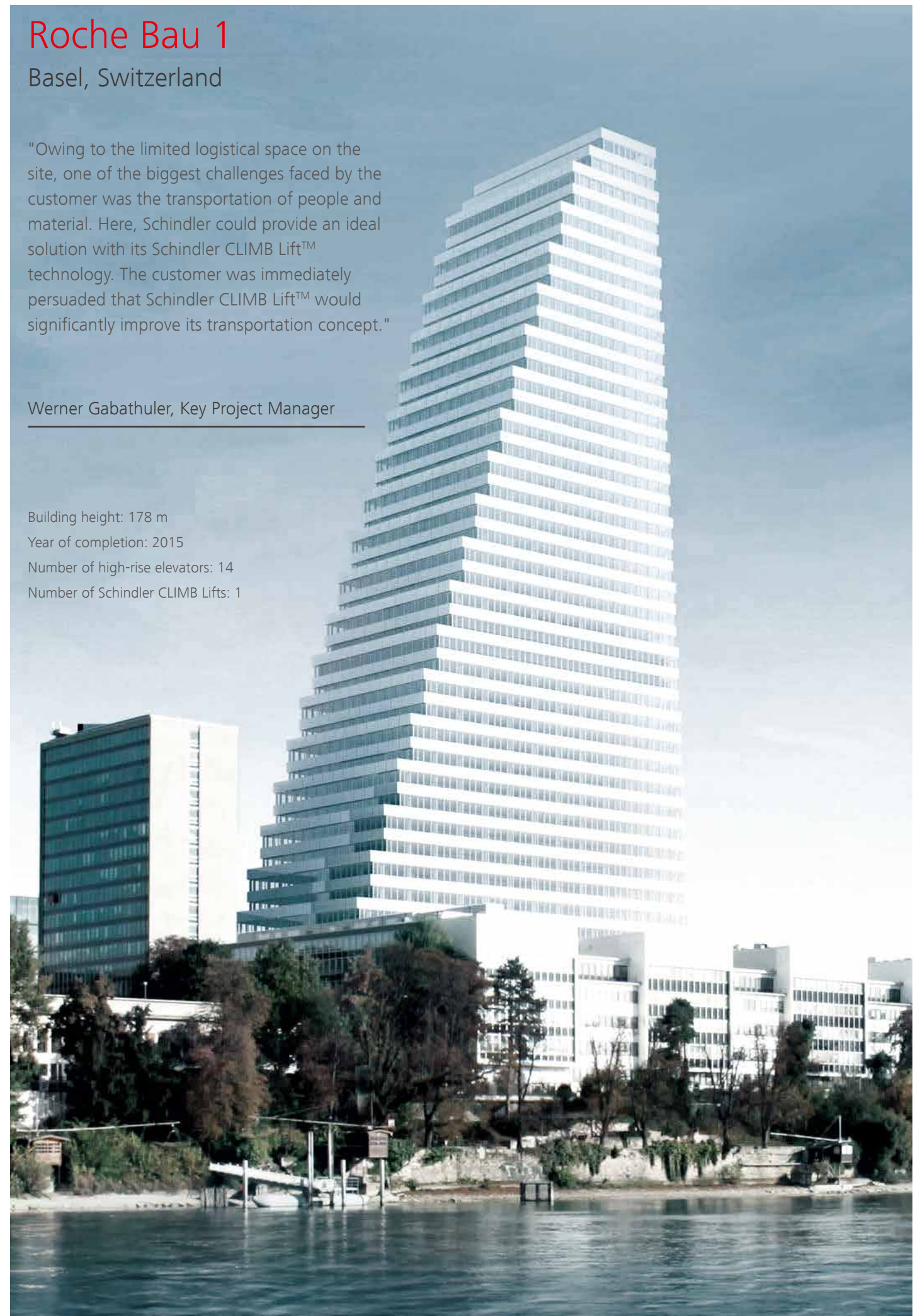
Roche Bau 1

Basel, Switzerland

"Owing to the limited logistical space on the site, one of the biggest challenges faced by the customer was the transportation of people and material. Here, Schindler could provide an ideal solution with its Schindler CLIMB Lift™ technology. The customer was immediately persuaded that Schindler CLIMB Lift™ would significantly improve its transportation concept."

Werner Gabathuler, Key Project Manager

Building height: 178 m
Year of completion: 2015
Number of high-rise elevators: 14
Number of Schindler CLIMB Lifts: 1





Torre Sacyr Vallehermoso

Madrid, Spain

“Without Schindler’s CLIMB Lift™ technology, meeting our originally prescribed deadline would have been an insurmountable challenge. This pioneering feature within the high-rise sector allowed us to increase our efficiency and finish our project ahead of schedule.”

Sergio Garzon, Key Project Manager

Building height: 236 m
Year of completion: 2007
Number of high-rise elevators: 18
Number of Schindler CLIMB Lifts: 1



Forum 66

Shenyang, China

“The use of Schindler CLIMB Lift™ significantly improved the effectiveness of all vertical transportation during the construction period. It was faster, safer, and fully protected from the weather.”

Da Wei Li, Project Manager

Building height: 350 m
Year of completion: 2015, mid and low zone
Number of high-rise elevators: 31
Number of Schindler CLIMB Lifts: 2



CMA-CGM

Marseille, France

“When bidding for this complex structure, and being unable to install Alimaks, we knew that we would be facing a challenge. Fortunately, Schindler’s CLIMB Lift™ technology provided us with the necessary tool to transport goods and people safely and efficiently throughout the project.”

GTM Construction

Building height: 145 m
Year of completion: 2009
Number of high-rise elevators: 13
Number of Schindler CLIMB Lifts: 2



City Square

Perth, Australia

“With absolutely no doubt, the Schindler CLIMB Lift™ system has increased our productivity quite dramatically and definitely had a positive impact on our project schedule and workforce. Schindler convinced us that they have both the people and the expertise.”

Construction Technology and Resources

Building height: 196 m
Year of completion: 2012
Number of high-rise elevators: 21
Number of Schindler CLIMB Lifts: 2

Schindler CLIMB Lift™

Transportation Solution For Your Construction Site

Schindler Elevator Ltd.
Top Range Division
Global Headquarters

NO. 40 Wenshui Road
200072 Shanghai, China
Phone: +86 21 5665 0991
Fax: +86 21 5665 7117
trd@cn.schindler.com

Schindler Elevator Ltd.
Top Range Division

Zugerstrasse 13
6030 Ebikon, Switzerland
Phone: +41 41 445 3131
Fax: +41 41 445 3669
trd@ch.schindler.com

