



KABA®

Automatic sliding wall system STW

Individual. Convenient. User-friendly.



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Maximum flexibility in room design

The automatic sliding wall system offers an extremely convenient way of separating interior areas. Due to the transparency of the closed wall, this partitioning can be achieved without any detrimental effect on the elegant and generously dimensioned interior design. The unobtrusive construction and small size of the automation elements guarantees their discreet integration into the architectural ceiling concept. As these elements are located within the leaf profile, the Kaba system offers the smallest possible fitting dimensions. People within the building will appreciate this sliding wall, which minimizes troublesome draughts, chilliness, heat, dust and noise. The burglar-retardant solution (WK2) with aluminum profiles is especially suited for particular applications in the public sector.

Maximum freedom of design

Convertible room design

Whenever the need arises, training or exhibition rooms can be flexibly enlarged or diminished in size. All it takes is the push of a button to achieve the required space with maximum speed and safety. This system enables you to conveniently shut off entrance or customer sectors, while at the same time ensuring access to the 24 hour-zones.

You are free to plan and implement the room layouts according to your individual needs and wishes. The customized selection of the layout, the availability of various leaf stacking methods and the possibility of curved tracks or turn-around installations make sure that the optimal solution can be found for your particular situation. If combined with integrated automatic doors, the user comfort of an automatic sliding wall can be even further enhanced. Swing or sliding doors guarantee unobstructed passageways and smooth work procedures.

Individual and space-saving solutions are available for stowing away the leaf bundle, in order to make the best possible use of the available space.



Individuality emphasized by shape, color and material choice

Individual design possibilities for room partitioning

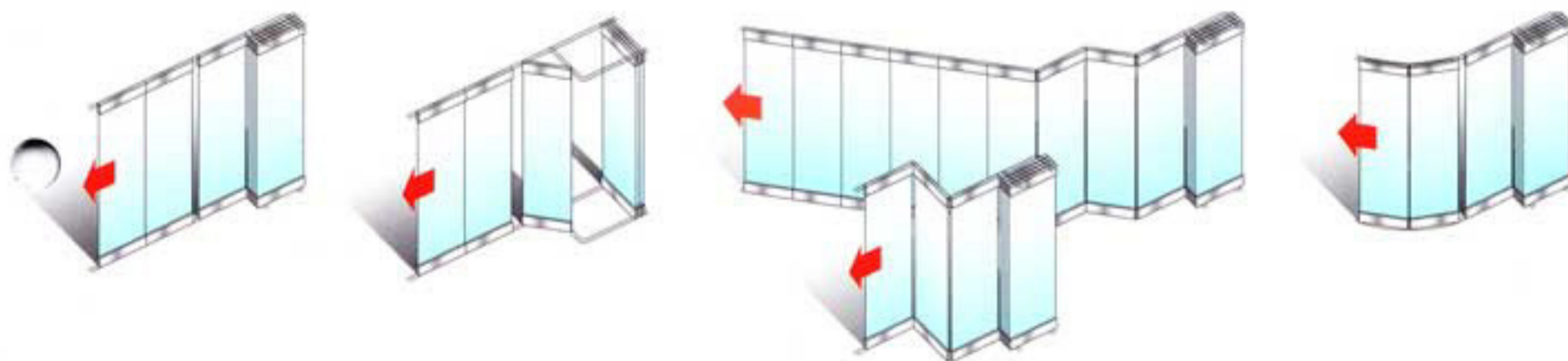
Angular, curved or straight sliding wall configurations and a wide range of stacking methods and invisible automation elements ensure a smooth integration into the overall architectural concept. The minimum space requirement of the slim profile system is an advantage that allows achieving unobtrusive solutions, particularly in the leaf stacking areas. Due to the wide range of possible leaf materials, such as all-glass,

glass panel in profile system, wood, metal, etc., your selected material concept can be systematically implemented down to the last detail. In addition, many different types of surface treatments and color shades are available to guarantee a harmonious finish and integration of the system into the surrounding architecture.





In the closed state, the shape of the sliding wall adapts itself to the required lines and contours of the selected room concept. Thanks to the modular concept of this technology, the leaves can be created according to the customer's wishes, to match the room design.



Integral design and perfect functionality

Free layout conception

Thanks to the virtually unlimited layout possibilities, the automatic sliding wall system can be designed to fit into any architectural concept. Whether the sliding wall is manually or automatically operated, it will require only a minimum of space.

Easy integration of automatic passage doors

Variable clearance openings can be activated either by means of a user-friendly control element or, as an alternative, achieved by integrated automatic passage doors.

Compact stacking areas

The perfect solution for your particular structural situation can be found thanks to a wide choice of space-saving stacking area versions.



Parallel stacking area with sliding door



Parallel stacking area with swing door



90° stacking area with sliding door



90° stacking area with swing door



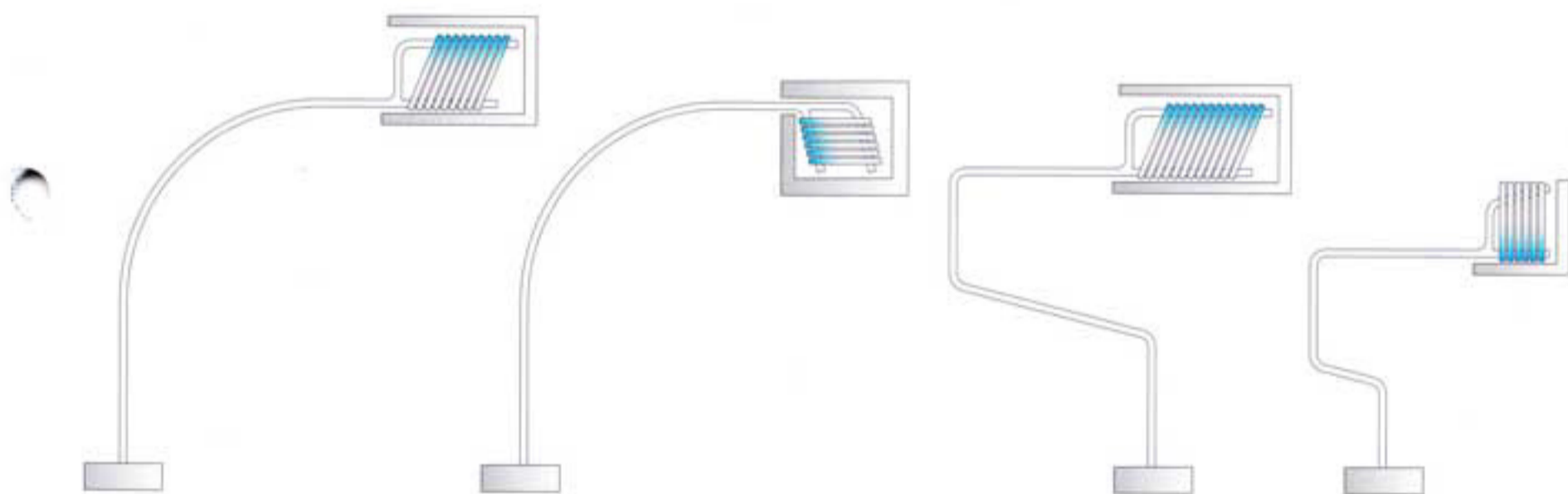
90° stacking area with swing door



Parallel stacking area with swing door



Installation with closing wing



Stacking areas and recesses allow tucking away the leaves so that they can no longer be seen or compromise the sophisticated room design.

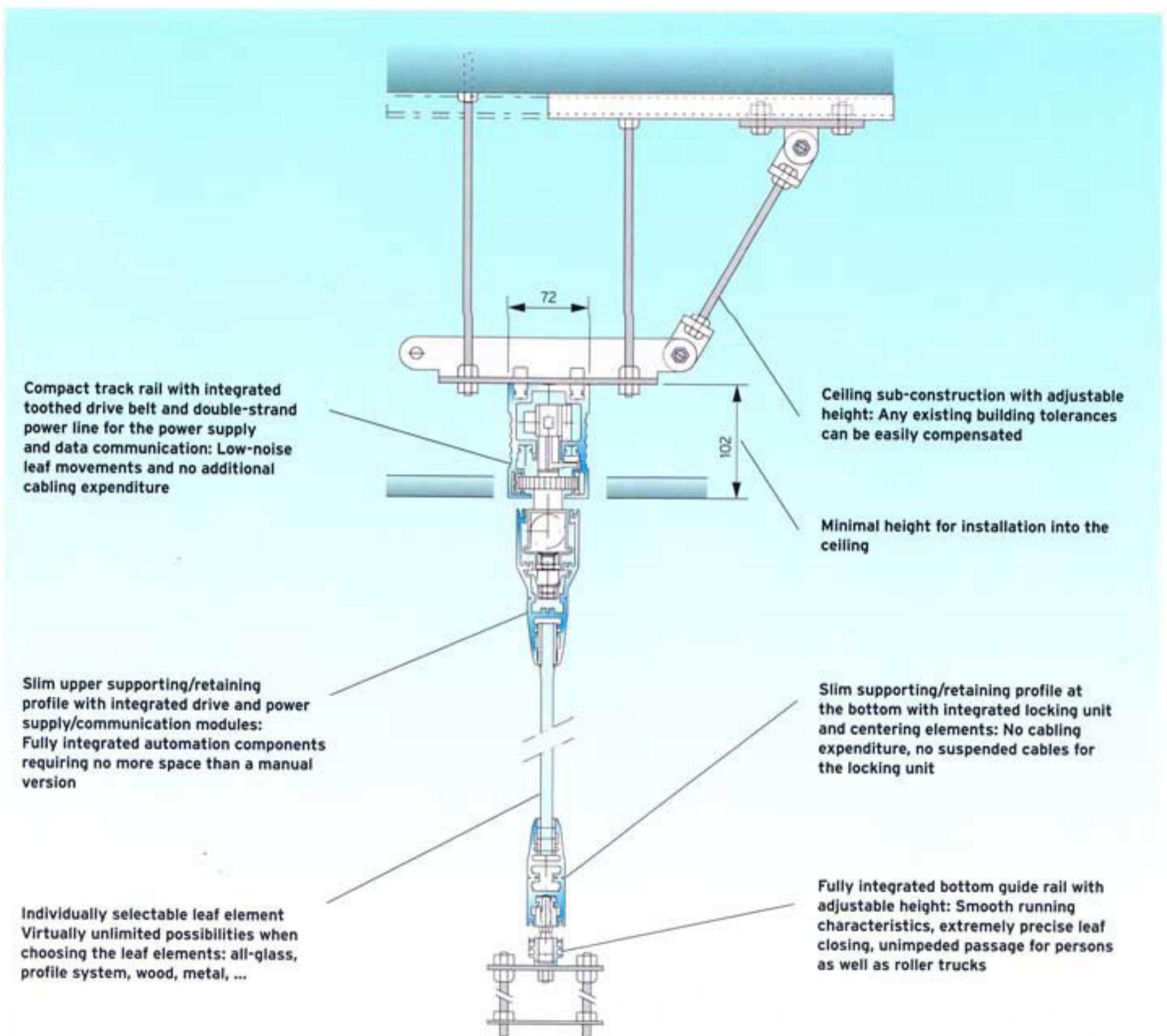
Modular system configuration, minimal fitting dimensions

System components

Kaba's automatic sliding wall system consists of several modular components, which can be combined into an individually configurable overall system.

Field of application

Mains power supply	230 V, 50/60 Hz
Number of leaves per control	max. 30 leaves
Length of track rail per control	max. 40 m
Leaf width	800–1500 mm
Leaf height	depending on the leaf weight and width
Leaf weight	max. 150 kg





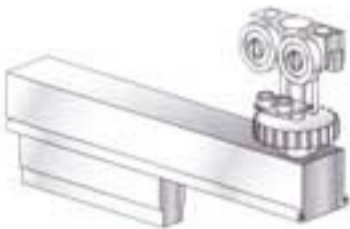
The traveling carriage with the current pick-up trolley ensures the power supply and data communication with the central control unit.

Invisible automation elements

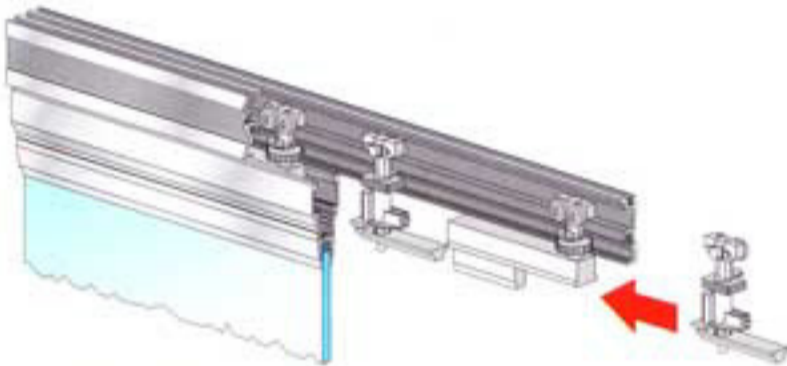
Each leaf is equipped with a built-in high-precision traveling carriage with a power pick-up unit and a compact drive module. The required automation components can easily be retrofitted into an already existing manual installation.

Uncomplicated retrofitting with automation elements

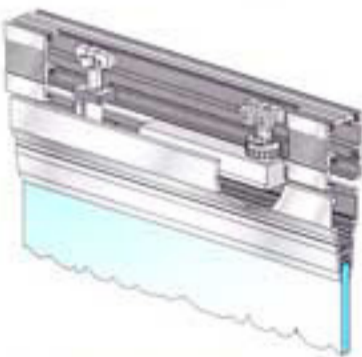
Whether the sliding wall system is operated by hand or automatically, both types have the same compact dimensions. During every phase of the installation, Kaba's automation unit can be easily fitted into the trim profile system, invisible from the outside. Even existing manual installations can be upgraded anytime with the convenient automation elements, without requiring any structural changes.



The combined traveling carriage with integrated drive module guarantees smooth leaf movements and a precise positioning in the destination positions.



The drive components are inserted into the track profile.



Then the components are inserted and positioned in the upper leaf profile.

User-friendly and safe



Easy handling and optimal safety in every situation

By means of the intelligent control element featuring a text display, the various functions and individual leaf positions can be activated by the push of a button. The presently active operating state is continuously shown on the text display.

Monitored operating sequences and a finely tuned obstacle detection system guarantee maximum user safety. In the event of a power failure the installation can be manually operated. The system offers various functions and is in full compliance with all the applicable standards and regulations.



Your regional specialist for automatic doors

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