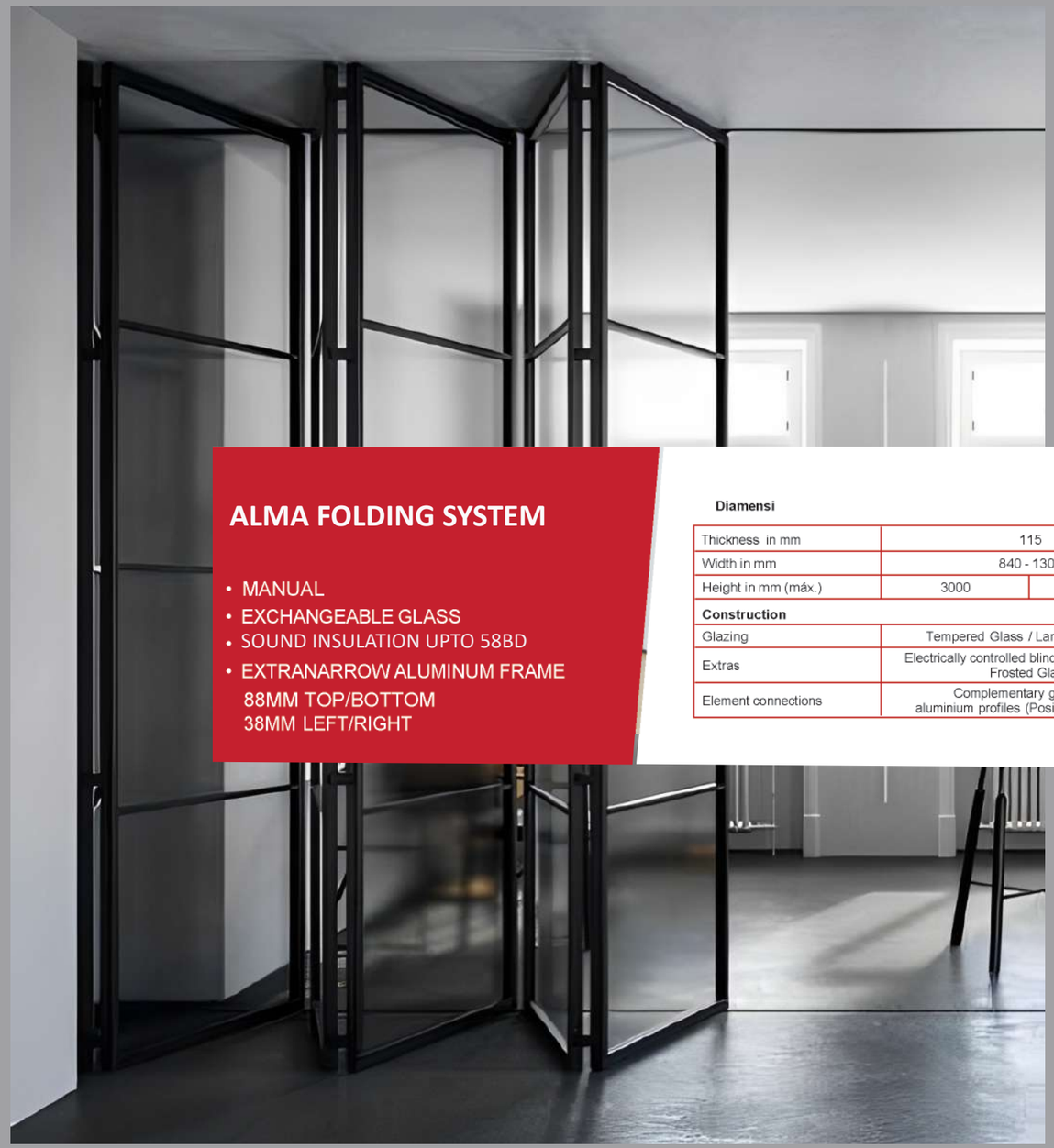
TECHNICAL DATA SHEETS AND DRAWINGS

moval systems



ALMA FOLDING SYSTEM

- MANUAL
- EXCHANGEABLE GLASS
- SOUND INSULATION UPTO 58BD
- EXTRANARROW ALUMINUM FRAME
  88MM TOP/BOTTOM
  38MM LEFT/RIGHT

Diamensi

Thickness in mm	115	
Width in mm	840 - 1300	
Height in mm (máx.)	3000	3500
Construction		
Glazing	Tempered Glass / Laminated Glass	
Extras	Electrically controlled blinds, Magic Glass, Frosted Glass	
Element connections	Complementary geometry aluminium profiles (Positive - Negative)	

ALMA folding system is electrically powered, the panels run suspended on a top track with no need for a floor track.
Users control the wall through a touch screen.

ALMA PANELS
STANDARD PANEL

Technical data

Dimensions			
Thickness in mm	116	122	134
Width in mm	840 - 1300		
Height in mm (max.)	11000		
Construction			
Finishes	MFC/MDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)		
Operation			
Manual			
Semi-automatic			
Full automatic			
Suspension	Monodirectional / Multidirectional		
Technical features	Rw (dB)	Density (kg/m²)	
Soundproofing to ISO 10140-2:2010*	42	39	
	44	40	
	47	45	
	50	50	
	54	55	
	57	58	

** Laboratory rate.*
In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

● *Standard equipment*
○ *Option*

FULL AUTOMATIC

Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.

SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.

MANUAL

Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.

FIXED TELESCOPIC JAMB

Available Finishes

Unicolor MFC

WHITE
- B3822

LIGHT GREY
- L166

Wood MFC

NATURAL NEBRASKA OAK
- H3331 ST10

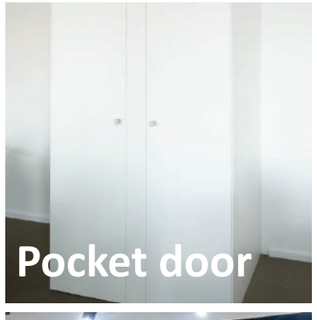
NATURAL DIJON WALNUT
- H3734 ST9

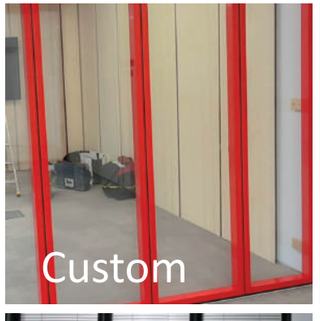
HPL

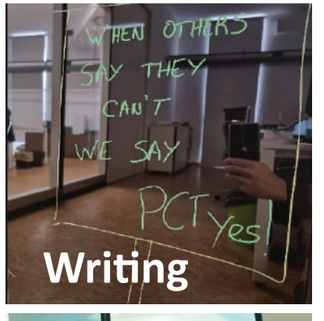
WRITABLE WHITE BRIGHT

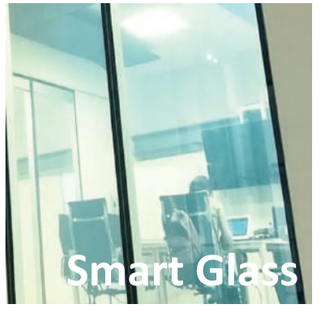
Glass

JET BLACK
- RAL 9005
(standard)

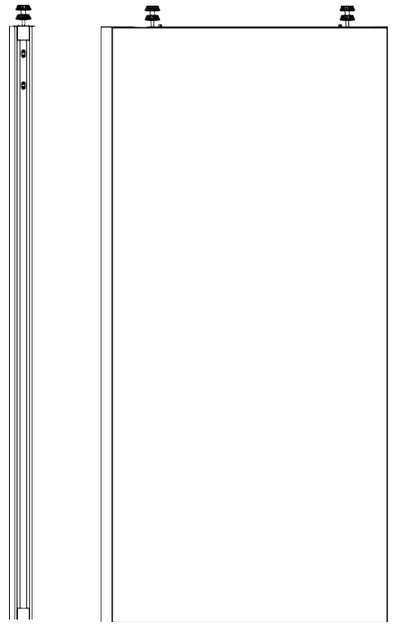








ALMA PANELS
TELESCOPIC



Technical data

Dimensions			
Thickness in mm	116	122	134
Width in mm	840 - 1300		
Height in mm (max.)	11000		
Construction			
Finishes	MFC/MDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)		
Operation			
Manual	●		
Semi-automatic	○		
Full automatic	○		
Suspension	Monodirectional / Multidirectional		
Technical features	Rw (dB)	Density (kg/m^2)	
Soundproofing to ISO 10140-2:2010*	42	39	
	44	40	
	47	45	
	50	50	
	54	55	
	57	58	

** Laboratory rate.*
In the Fully Automatic System, there is a need to have a segmented panel with a minimum height of 460mm.

● *Standard equipment*
○ *Option*

FULL AUTOMATIC
Our fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate with. This allows the user to program such things as speed of closure and configuration as well as protecting the system in the event of power interruption. Battery back-up is supplied as standard.

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Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.

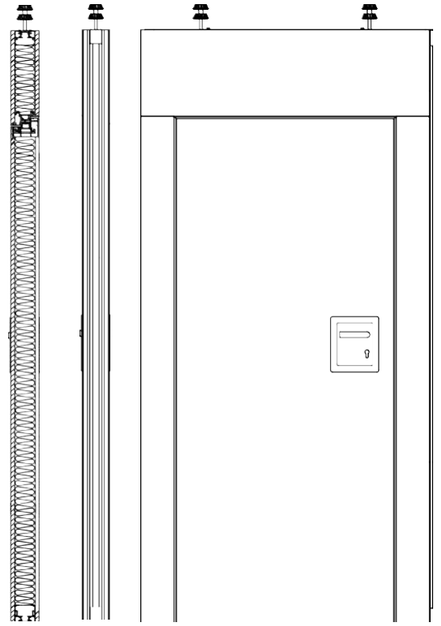
MANUAL
Our Quick-Lock system allows the user to lock the panels quickly and safely after positioning. A simple half-turn of the handle seals the wall at the top and bottom to lock it from movement and to insulate it acoustically.

FRAME & HANDLES
Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.

HINGE SYSTEM
Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.

CONTROL DETAILS
Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.

ALMA PANELS
SINGLE INSET PASSDOOR



Technical data

Dimensions			
Thickness in mm	116	122	134
Width in mm	850 / 900		
Height in mm (max.)	11000		
Width door panel in mm	1200 / 1250		
Construction			
Finishes	MFC/MDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)		
Operation			
Manual	●		
Semi-automatic	○		
Full automatic	○		
Suspension	Monodirectional / Multidirectional		
Technical features	Rw (dB)	Density (kg/m²)	
Soundproofing to ISO 10140-2:2010*	42	39	
	44	40	
	46	45	

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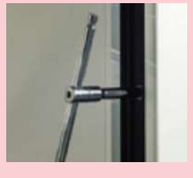

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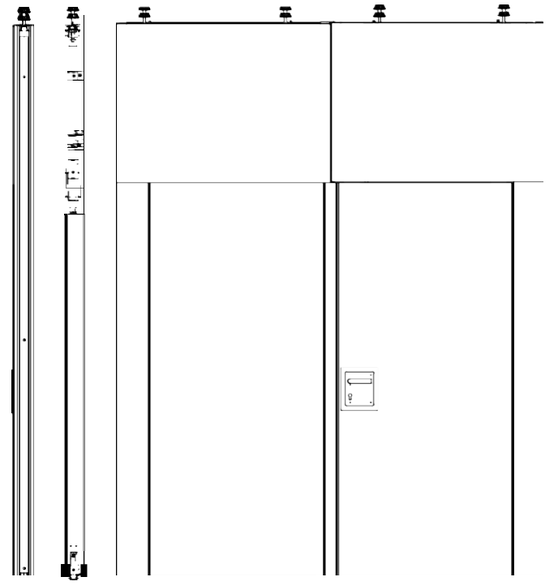

Technical data

Dimensions			
Thickness in mm	116	122	134
Width in mm	850 / 900		
Height in mm (max.)	11000		
Width door panel in mm	1200 / 1250		
Construction			
Finishes	MFC/MDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)		
Operation			
Manual	●		
Semi-automatic	○		
Full automatic	○		
Suspension	Monodirectional / Multidirectional		
Technical features	Rw (dB)	Density (kg/m²)	
Soundproofing to ISO 10140-2:2010*	42	39	
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Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.

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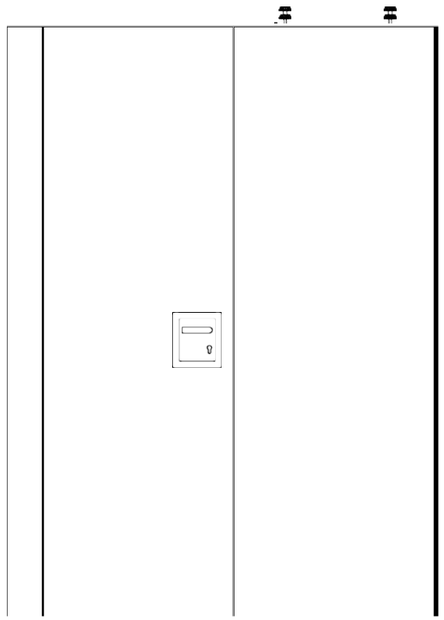

Technical data

Dimensions			
Thickness in mm	116	122	134
Width in mm	1050		
Height in mm (max.)	4000		
Construction			
Finishes	MFC/MDF/HPL		
Element connections	Complementary geometry aluminium profiles (Positive - Negative)		
Operation			
Manual	●		
Semi-automatic	○		
Full automatic	○		
Suspension	Monodirectional / Multidirectional		
Technical features	Rw (dB)	Density (kg/m²)	
Soundproofing to ISO 10140-2:2010*	42	39	
	44	40	
	47	45	
	50	50	
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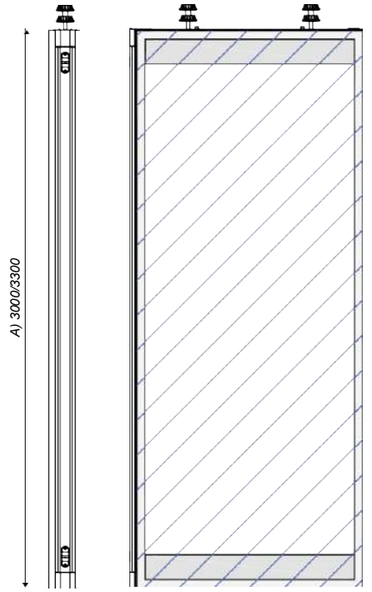

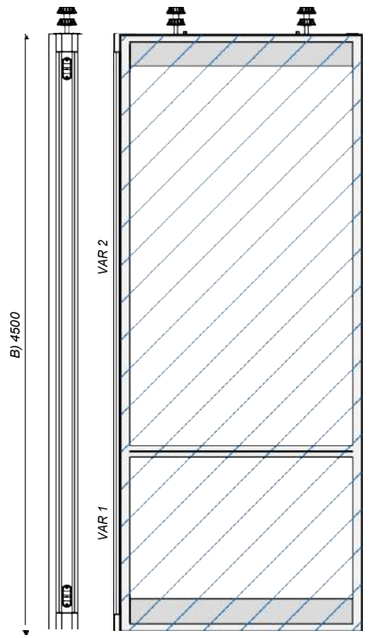

AQUAPANELS
GLAZED PANEL

Technical data

Dimensions		
Thickness in mm	115	119
Width in mm	840 - 1300	
Height in mm (máx.)	A) 3000 / 3300	B) 4500
Construction		
Glazing	Tempered Glass / Laminated Glass	
Extras	Electrically controlled blinds, Magic Glass, Frosted Glass	
Element connections	Complementary geometry aluminium profiles (Positive - Negative)	
Frame profile		
Black/White	●	
Others	○	
Equipment details		
Semi-automatic	●	
Full automatic	○	
Suspension	Monodirectional / Multidirectional	
Technical specifications	Rw (dB)	Density (kg/m²)
Sound insulation according to ISO 10140-2:2010 standard*	44	39
	49	48

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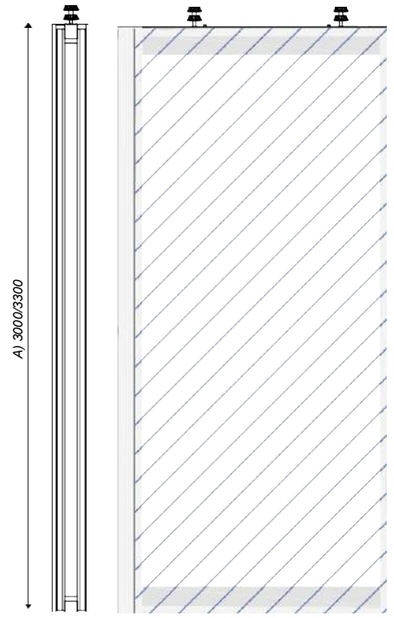

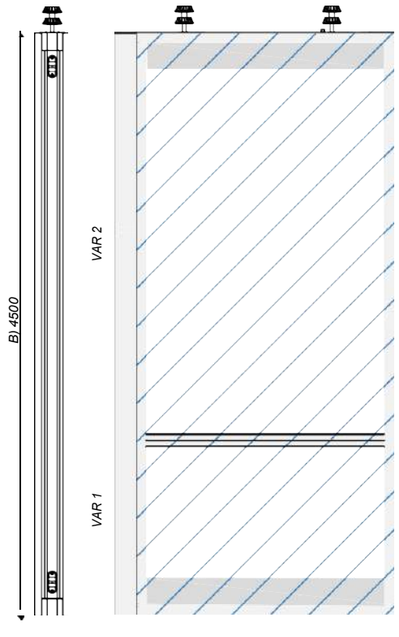

Technical data

Dimensions		
Thickness in mm	115	119
Width in mm	840 - 1300	
Height in mm (máx.)	A) 3000 / 3300	B) 4500
Construction		
Glazing	Tempered Glass / Laminated Glass	
Extras	Electrically controlled blinds, Magic Glass, Frosted Glass	
Element connections	Complementary geometry aluminium profiles (Positive - Negative)	
Frame profile		
Black/White	●	
Others	○	
Equipment details		
Semi-automatic	●	
Full automatic	○	
Suspension	Monodirectional / Multidirectional	
Technical specifications	Rw (dB)	Density (kg/m²)
Sound insulation according to ISO 10140-2:2010 standard*	44	39
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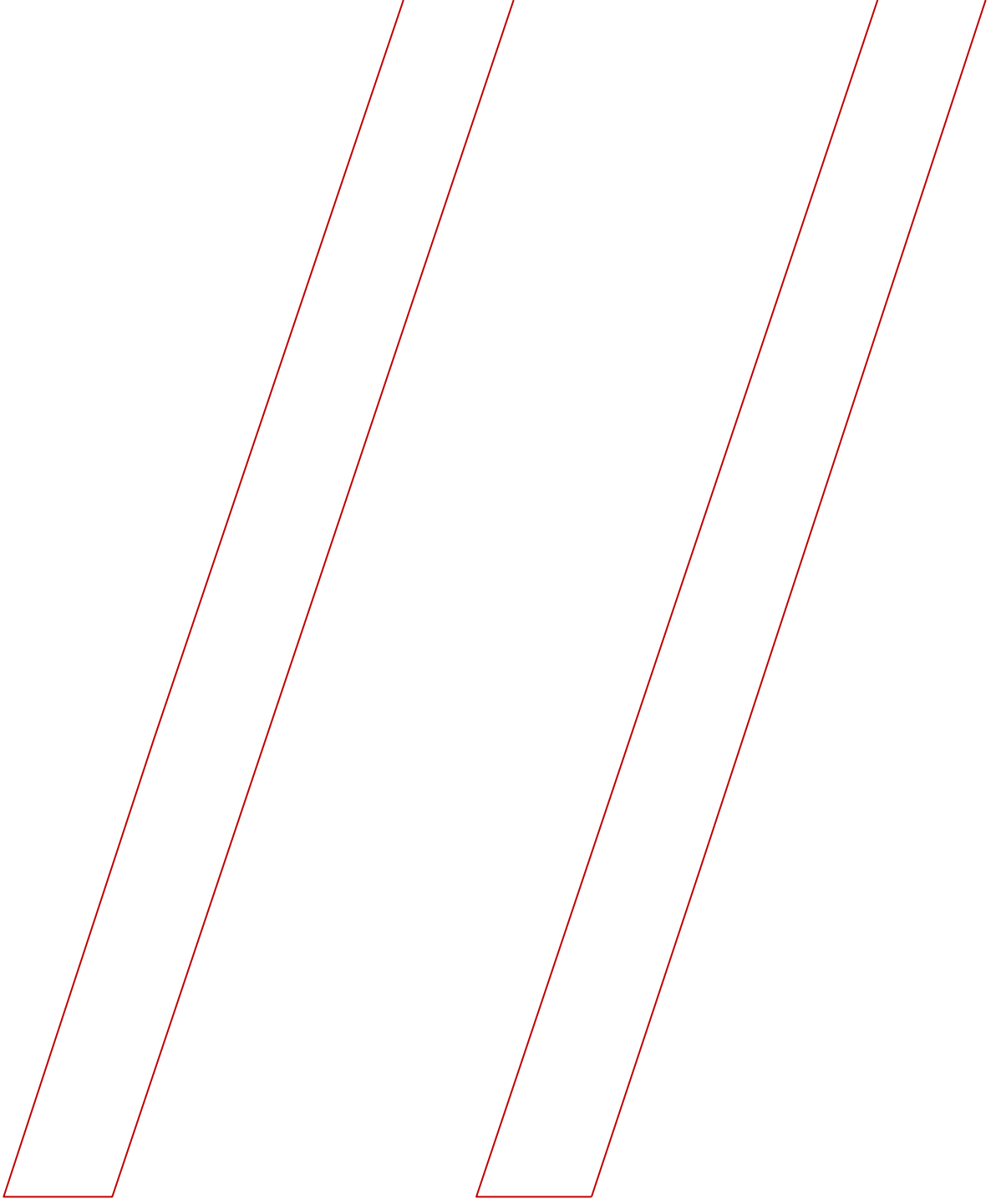

moval systems

PO Box No: 25422
Global Business Centre 2,
C Ring Road, Doha, Qatar
Mob: +974 3036 1560
Tel: +974 4402 3014
Email: sales@movalsystems.com
www.movalsystems.com