

Outdoor WPC door + aluminum
alloy door series



OUTDOOR COMBINATION

It has been widely used in many fields







WPC Door – Elegant and Robust

Sizes Available: 4 x 6 ft / 10 x 6 ft / Custom Dimensions

Temperature Range: -45°C to 100°C



Style Choices: Single Door, Double Door, Sliding Door

Design Lifespan: Over 30 years

Frame Material: Aviation Aluminum Alloy



Elevate Your Outdoor Spaces with Premium Quality



UV Resistant: Protects against fading and degradation from sunlight.
Non-Toxic: Safe, with surfaces free from harmful chemicals and gases.
Waterproof: Withstands all weather conditions without compromise.



Fireproof & Insect Proof: Ensures safety and durability in various environments.
Low Maintenance: Designed for minimal upkeep and long-lasting performance.
Warranty: 3 years, including free replacement for any damaged products.

Crossdoor frame: 4ft



Size	4ft*6ft
Surface	Frosted treatment
Component	Aluminum alloy
Certificate	FSC,CE,CNAS,ISO,Intertek

***Door frames can all be customized.
What is shown in the picture is the regular size**



Vertical door frame:6ft

Crossdoor frame:10ft



*Door frames can all be customized.
What is shown in the picture is the regular size

Size	10ft*6ft
Surface	Frosted treatment
Component	Aluminum alloy
Certificate	FSC,CE,CNAS,ISO,Intertek





Aluminum alloy door



WIND
RESISTANCE

WATERPROOF
MOISTURE-PROOF

WARP
RESISTANT

DO NOT FADE

NEWGEN
MATERIALS & DESIGN



Double Doors

Single Doors

Hollowed-out door



Surface treatment:

Corrosion-resistant,
does not fade even after
long-term exposure to
sun and rain

Precision hinge:



Thickened stainless
steel bearing hinge,
no rust, no
deformation, stable
as before



Swivel casters:

Light and noise-free to
push and pull, with a
load capacity of 500kg,
say goodbye to stalling!



Thickened frame:

Resistant to 12-level
typhoons and
extreme
temperatures
without deformation



Anti-theft lock:

No need for complex
drilling and alignment.
An ordinary worker
can complete the
installation within
10 minutes



Hinge



Reinforcing piece



Plug



Support wheel



Standard doorpost



Top-class doorpost

Premium 6063-T5 Aluminum Alloy Door Column - Technical Data Sheet			
ASTM Cell Classification:		ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.	
Specifications:	Value	ASTM Test Method	Performance Note
Thickness	1.7 mm	-	
Surface Treatment	Embossed Wood Grain	-	
Specific Gravity (± 0.02) 0.125" Specimen	1.45	D-792	Optimal density for durability and material efficiency
Izod Impact FT*lbs/in Notch	17	D-256	Excellent impact resistance, resists cracking and chipping
Tensile Yield Strength, PSI	6200	D-638	High resistance to stretching and pulling forces
Tensile Modulus, PSI	365000	D-638	Indicates high stiffness and resistance to elongation under stress
Flexural Yield Strength, PSI	12000	D-790	Superior load-bearing capacity without fracturing
Flexural Modulus, PSI	410000	D-790	High rigidity, prevents sagging or deformation under load
DTUL @ 264 PSI, Degrees Celsius	72	D-648	Maintains structural integrity at elevated temperatures
TiO2-Titanium Dioxide UV Inhibitor	10/100		Provides exceptional UV resistance for long-term color stability
Mechanical Properties			
Tensile Strength: Ultimate (UTS)	228 - 246 MPa	B557 / E8	Enhanced by 25%+ vs. standard 6063-T5, providing exceptional structural integrity
Tensile Strength: Yield (Proof)	174 - 204 MPa	B557 / E8	Enhanced by 25%+ vs. standard, ensuring superior load-bearing capacity and resistance to permanent deformation
Elongation at Break	8 - 10 %	B557 / E8	Maintains good ductility for toughness and impact resistance
Hardness, Brinell	72 HB	E10	Increased surface hardness contributes to superior scratch and abrasion resistance
Modulus of Elasticity	68.9 GPa	E111	Standard stiffness for aluminum alloys, providing resilience
Physical & Thermal Properties			
Density	2.70 g/cm ³		Lightweight material, offering an exceptional strength-to-weight ratio
Thermal Conductivity	201 - 210 W/m·K	E1461	Efficient heat dissipation
Coefficient of Thermal Expansion	23.4 $\mu\text{m}/\text{m} \cdot ^\circ\text{C}$	E228	Ensures dimensional stability across a wide temperature range
Durability & Corrosion Protection			
Coating System Durability (AAMA 2605)	> 30 years (Severe Marine/Industrial Environment)		Powder coating system exceeds AAMA 2605 requirements for color and gloss retention, chalk resistance, and erosion resistance
Salt Spray Resistance (Coated)	> 3,000 hours (No creepage from scribe)	B117	Exceptional corrosion protection, far exceeding standard performance
Weldability	Excellent		Can be easily welded using common methods, with post-weld heat treatment available for restored strength
Machinability	Good		Suitable for precision machining and fabrication to meet complex design requirements
Anodizing & Finishing Suitability	Excellent		The smooth surface is ideal for various aesthetic finishes, including anodizing and powder coating
Surface Coating Properties			
Coating Adhesion (Cross-Cut)	Class 5B (No removal)	D3359	Excellent adhesion to the substrate
Coating Hardness (Pencil Hardness)	2H-3H	D3363	Superior scratch and mar resistance compared to anodized finishes
Impact Resistance (Direct/Reverse)	160 in-lbs (No cracking)	D2794	High resistance to impact chipping and cracking
Gloss Retention (45°)/Color Change	> 90% / $\Delta\text{E} < 2$ after 10,000 hrs QUV-A	G154 / D2244	Exceptional resistance to UV degradation, ensuring long-term aesthetic appeal

DETAILS OF THE WPC DOOR

Known for green environmental protection, durable and beautiful appearance, convenient installation and superior performance, it is especially suitable for a variety of indoor environments, and is an ideal choice of decorative materials



PACKAGE DISPLAY



RIGOROUS

SAFETY

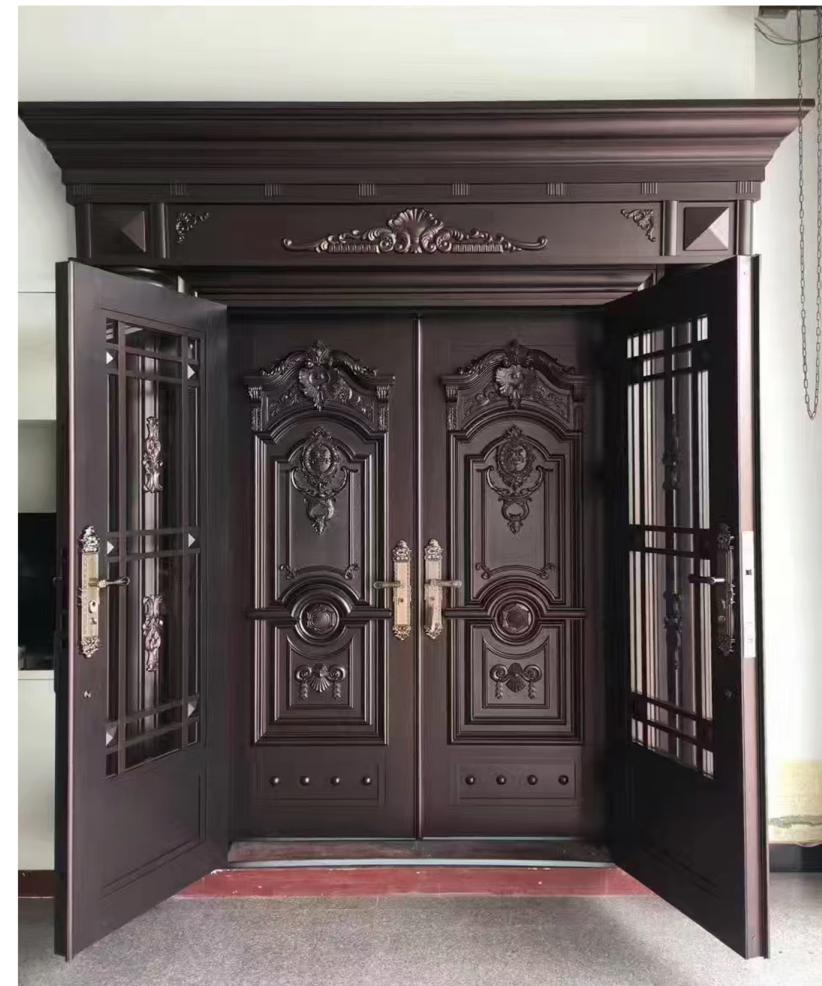
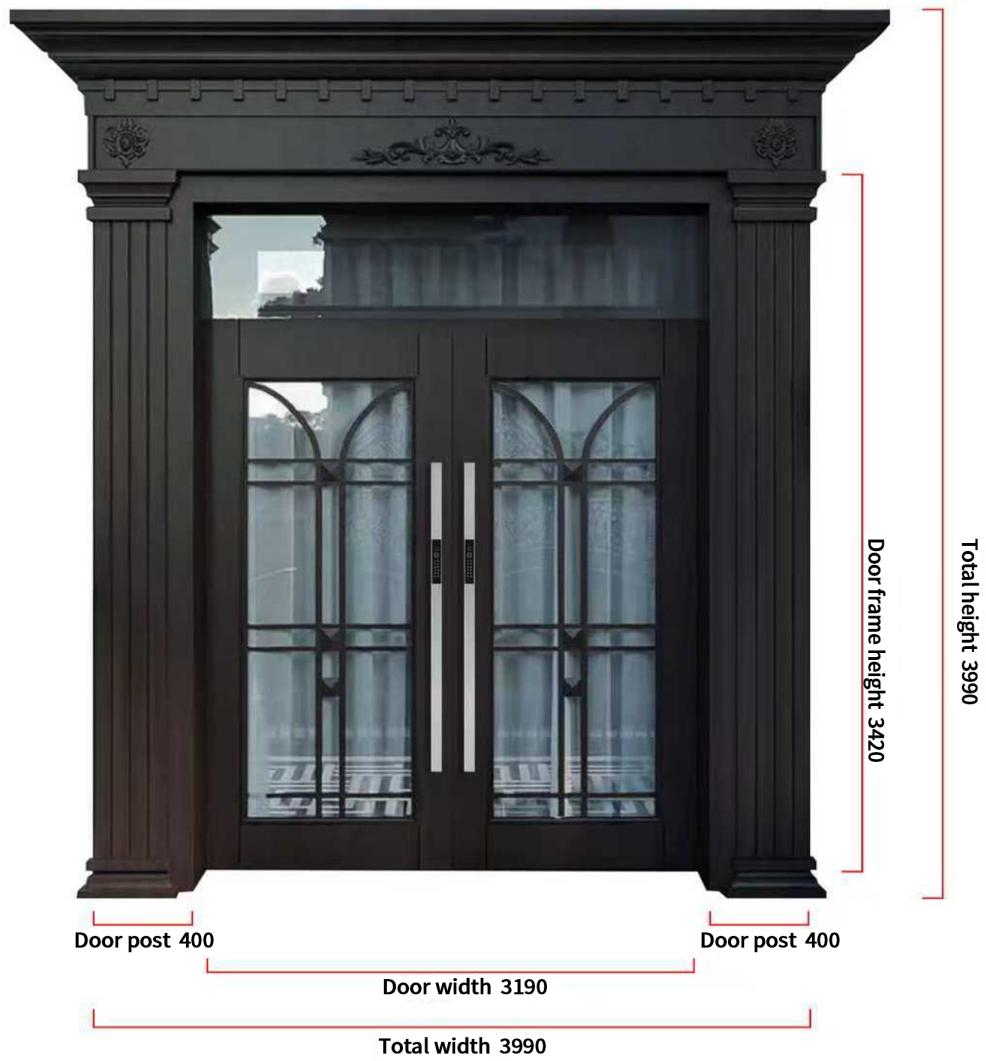
RAPID

Once the doors are installed, they are securely packaged for shipping. Each door comes with a lock and undergoes three rounds of quality inspections. Smaller doors are packaged in sturdy cardboard boxes with internal protective padding, while larger doors are packaged in robust wooden crates, ensuring top-tier protection and durability.

High-end custom aluminum alloy
entrance door series

ARMORED DOOR

Height of the lintel 570



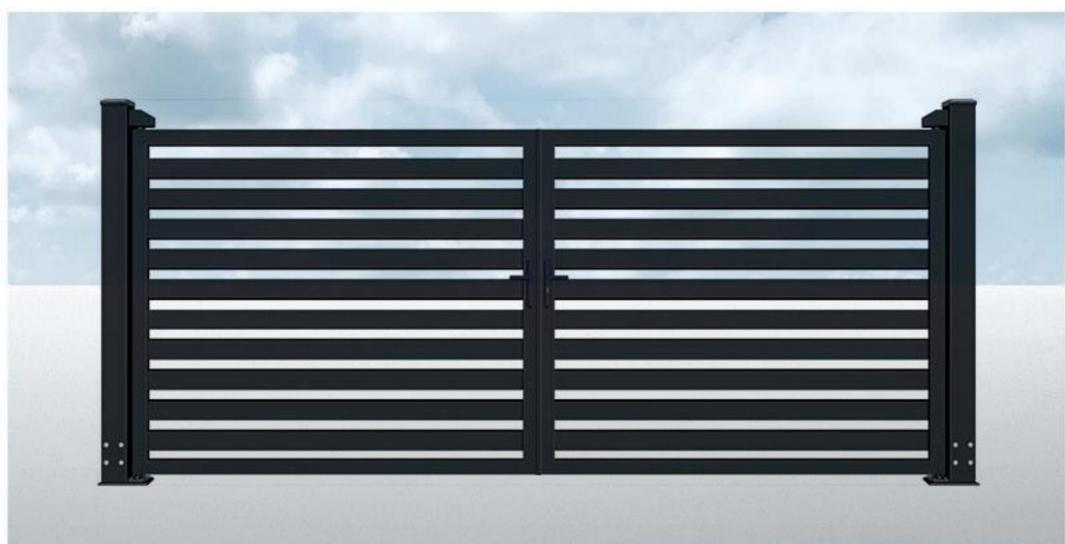
High-end outdoor aluminum alloy
custom door series



SK-001

Double Swing

Double or single Panel,Manual or Electric



SK-002

Double Swing

Double or single Panel,Manual or Electric



SK-003

Double Swing

Double or single Panel,Manual or Electric



SK-004

Double Swing

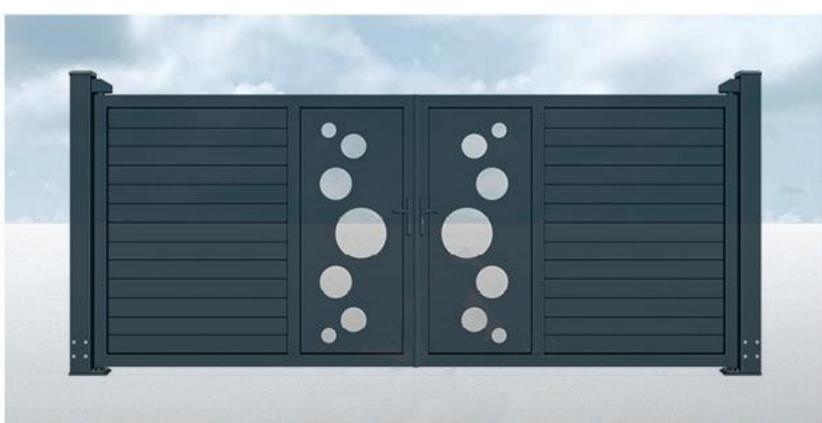
Double or single Panel,Manual or Electric



SK-005

Double Swing

Double or single Panel,Manual or Electric



SK-006

Double Swing

Double or single Panel,Manual or Electric



SK-007

Double Swing

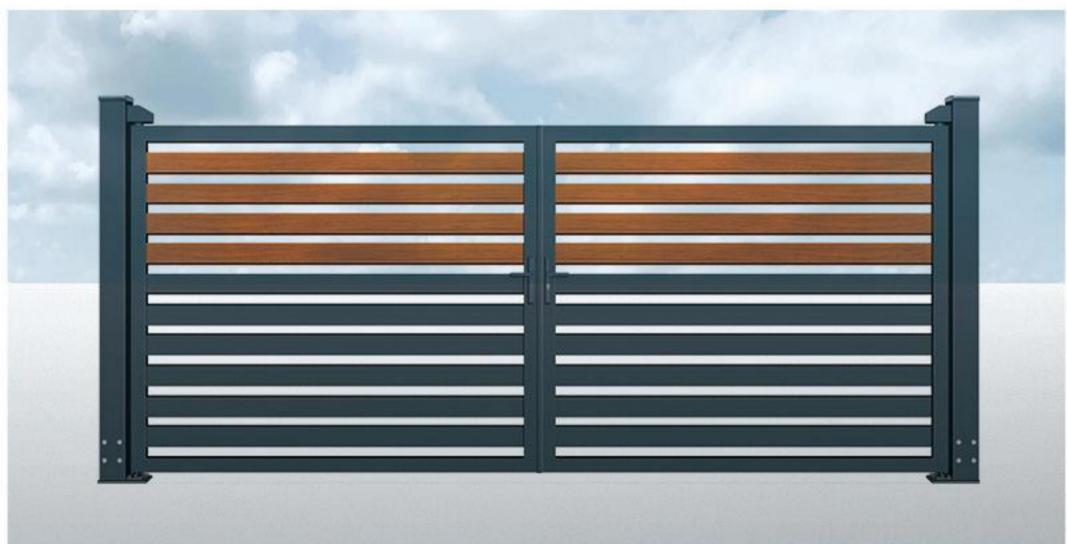
Double or single Panel,Manual or Electric



SK-008

Double Swing

Double or single Panel,Manual or Electric



SK-009

Double Swing

Double or single Panel,Manual or Electric



SK-010

Double Swing

Double or single Panel,Manual or Electric



SK-011

Double Swing

Double or single Panel,Manual or Electric



SK-012

Double Swing

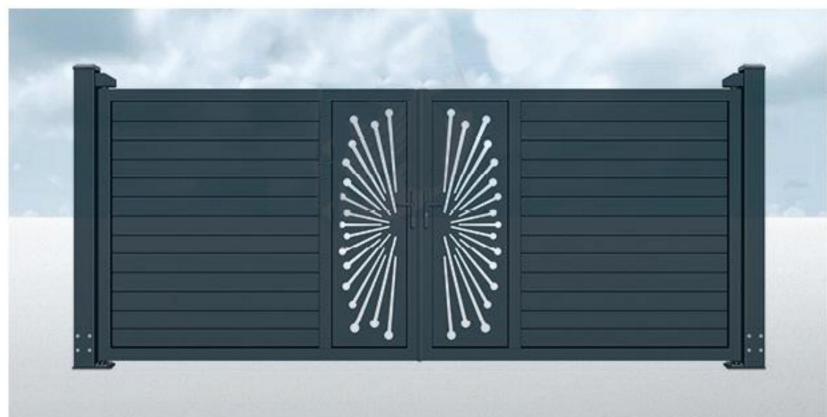
Double or single Panel,Manual or Electric



SK-013

Double Swing

Double or single Panel,Manual or Electric



SK-014

Double Swing

Double or single Panel,Manual or Electric



SK-015

Double Swing

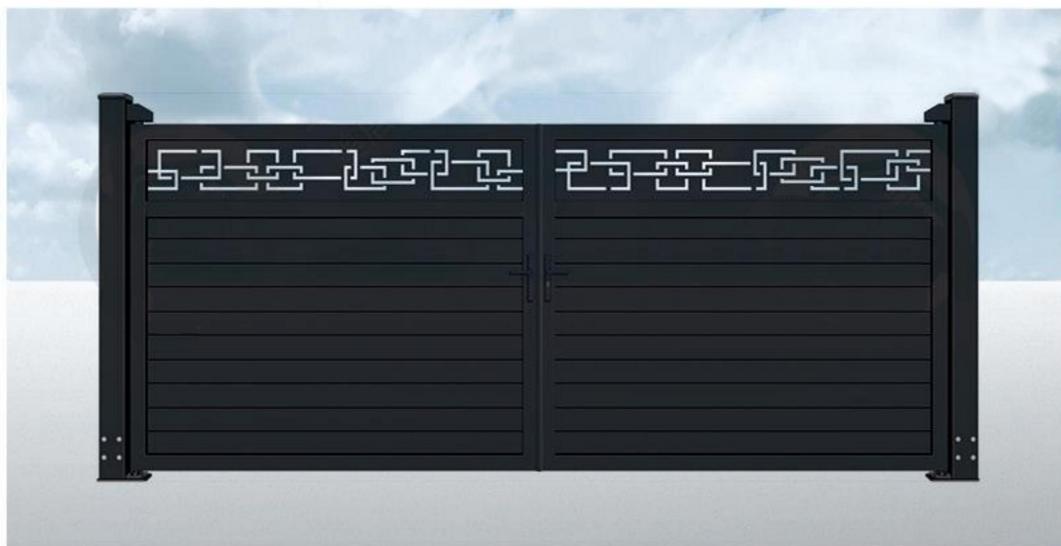
Double or single Panel,Manual or Electric



SK-016

Double Swing

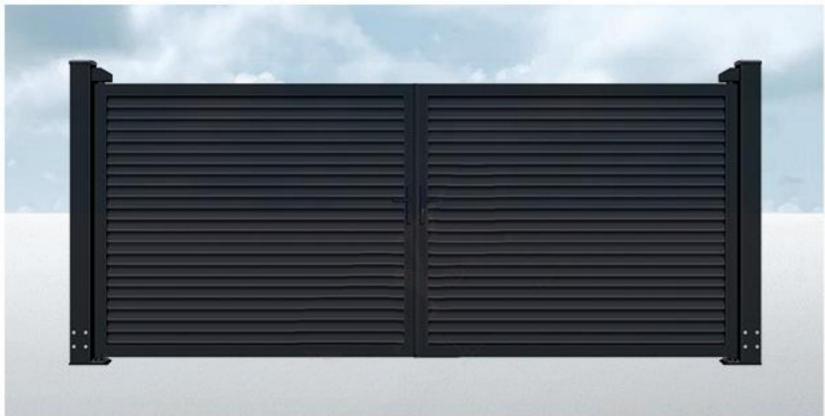
Double or single Panel,Manual or Electric



SK-017

Double Swing

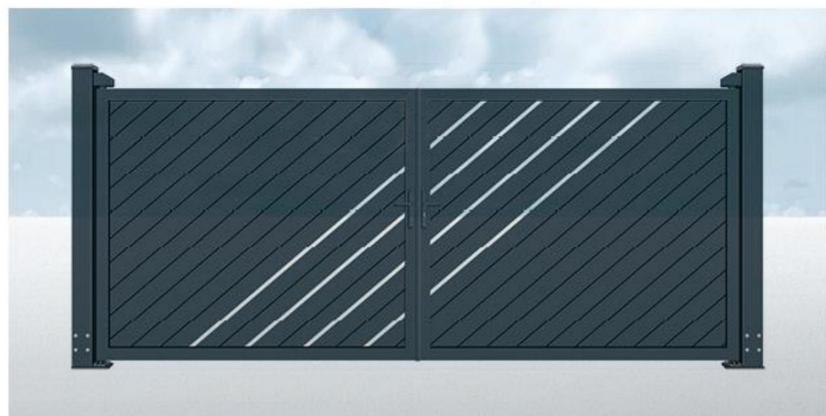
Double or single Panel,Manual or Electric



SK-018

Double Swing

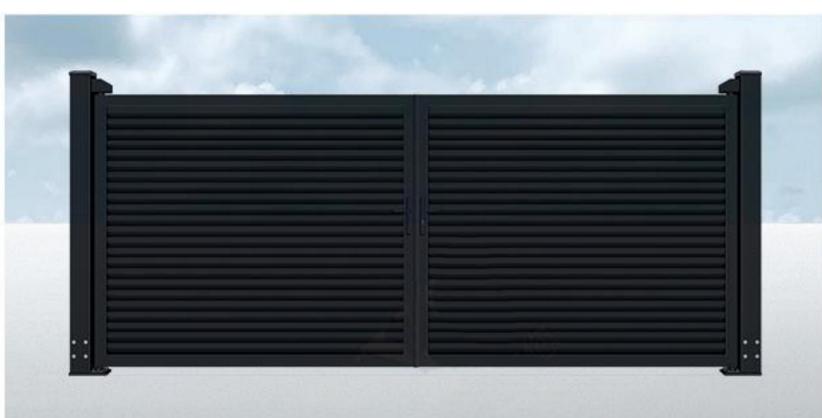
Double or single Panel,Manual or Electric



SK-019

Double Swing

Double or single Panel,Manual or Electric



SK-020

Double Swing

Double or single Panel,Manual or Electric



SK-021

Double Swing

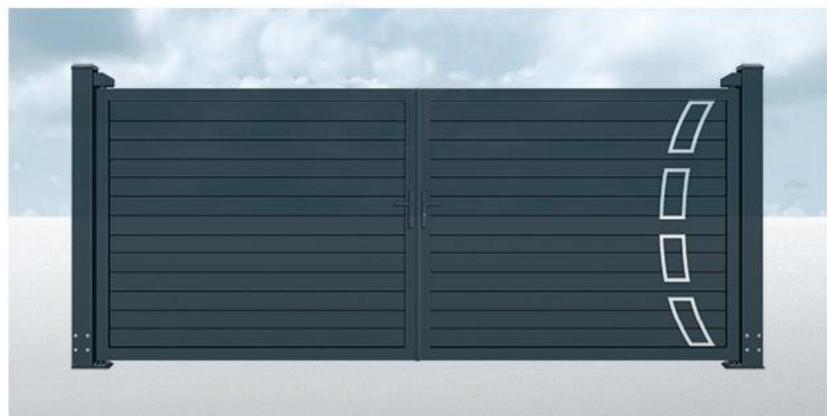
Double or single Panel,Manual or Electric



SK-022

Double Swing

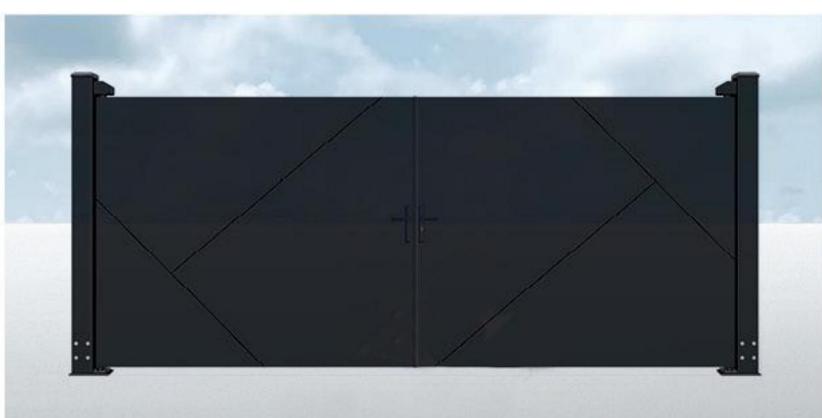
Double or single Panel,Manual or Electric



SK-023

Double Swing

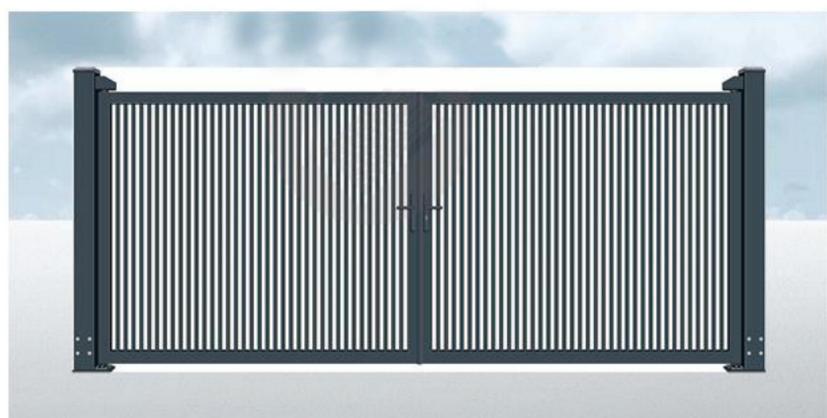
Double or single Panel,Manual or Electric



SK-024

Double Swing

Double or single Panel,Manual or Electric



SK-025

Double Swing

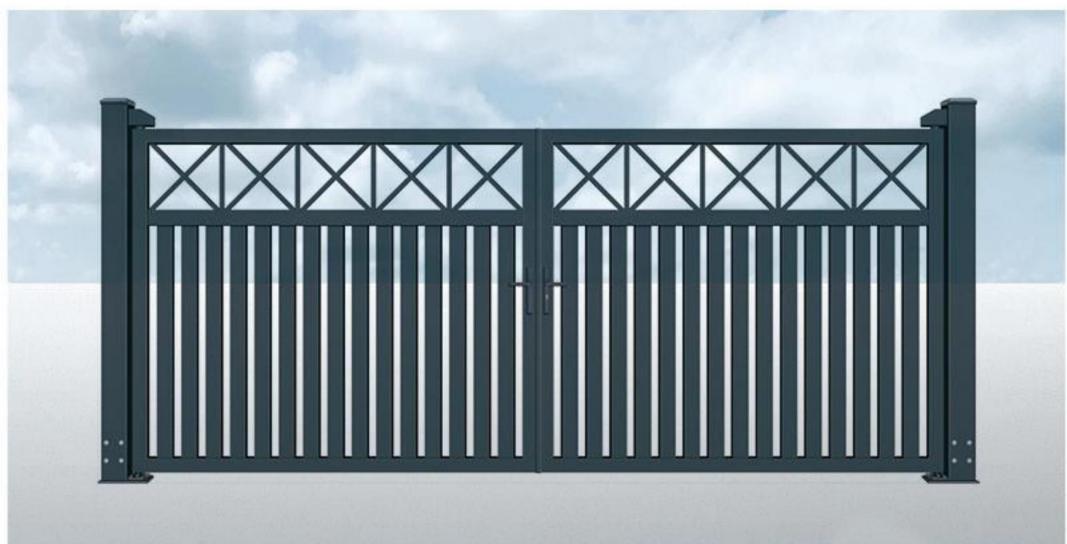
Double or single Panel,Manual or Electric



SK-026

Double Swing

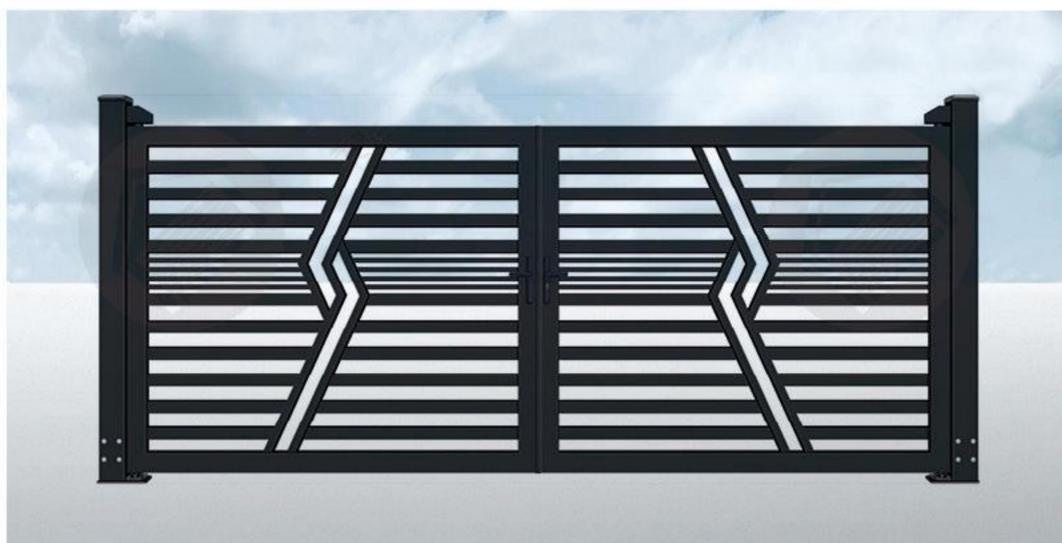
Double or single Panel,Manual or Electric



SK-027

Double Swing

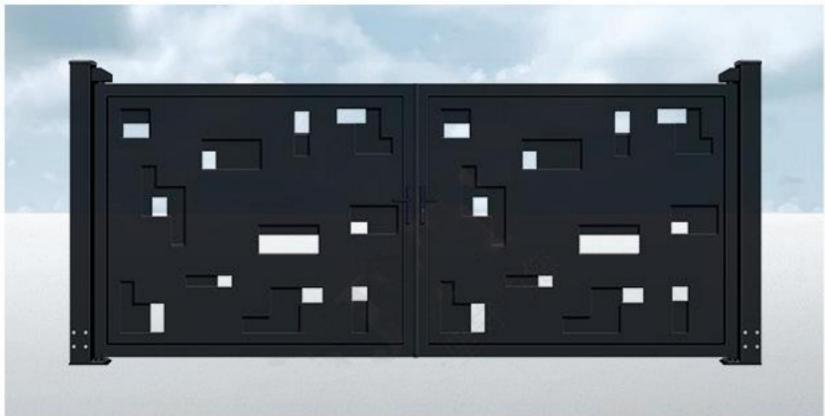
Double or single Panel,Manual or Electric



SK-028

Double Swing

Double or single Panel,Manual or Electric



SK-029

Double Swing

Double or single Panel,Manual or Electric



SK-030

Double Swing

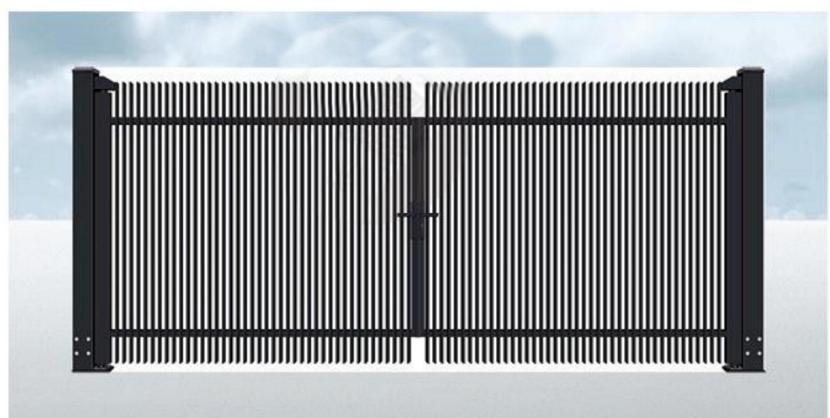
Double or single Panel,Manual or Electric



SK-031

Double Swing

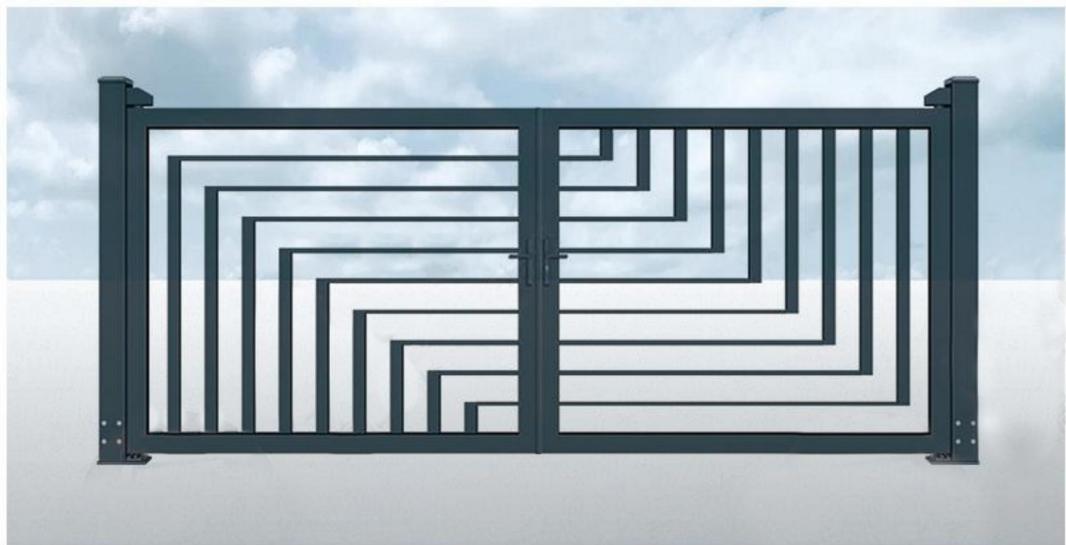
Double or single Panel,Manual or Electric



SK-032

Double Swing

Double or single Panel,Manual or Electric



SK-033

Double Swing

Double or single Panel, Manual or Electric



SK-034

Double Swing

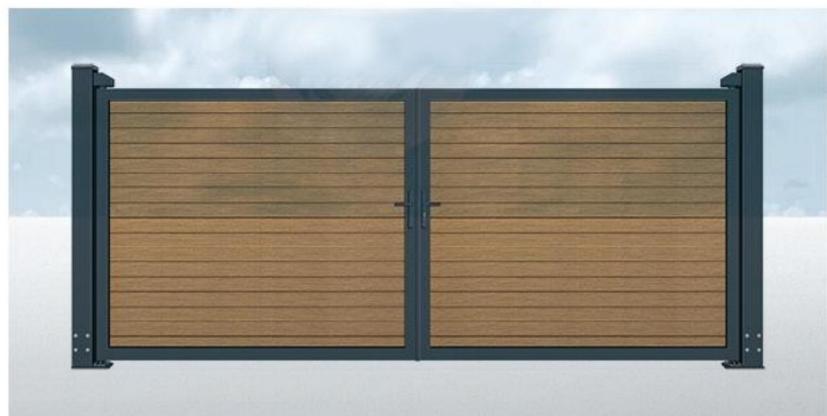
Double or single Panel, Manual or Electric



SK-035

Double Swing

Double or single Panel,Manual or Electric



SK-036

Double Swing

Double or single Panel,Manual or Electric



SK-037

Double Swing

Double or single Panel,Manual or Electric



SK-038

Double Swing

Double or single Panel,Manual or Electric



PY-001

Sliding Gate Series

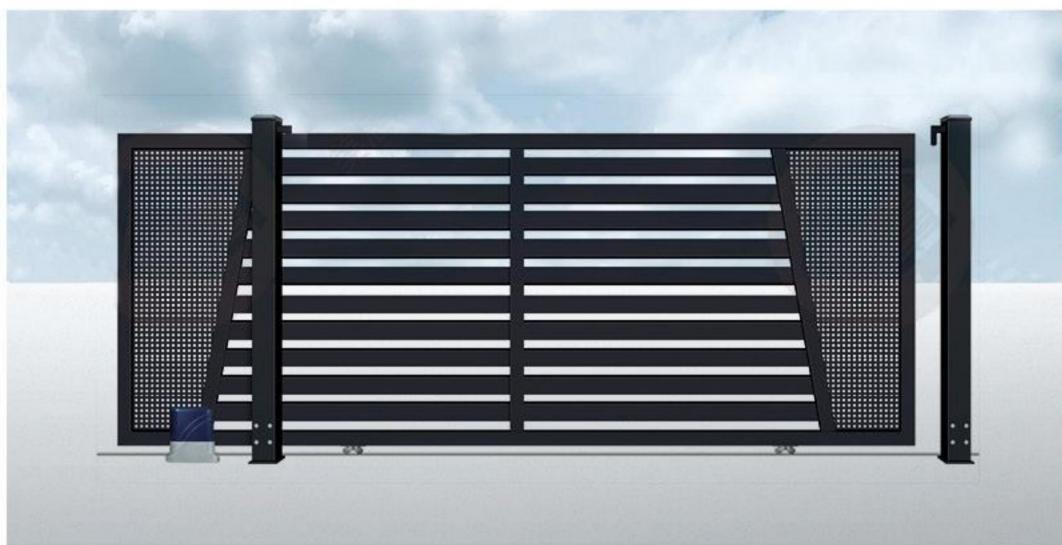
sliding with the trackManual or Electric



PY-002

Sliding Gate Series

sliding with the trackManual or Electric



PY-003

Sliding Gate Series

sliding with the trackManual or Electric



PY-004

Sliding Gate Series

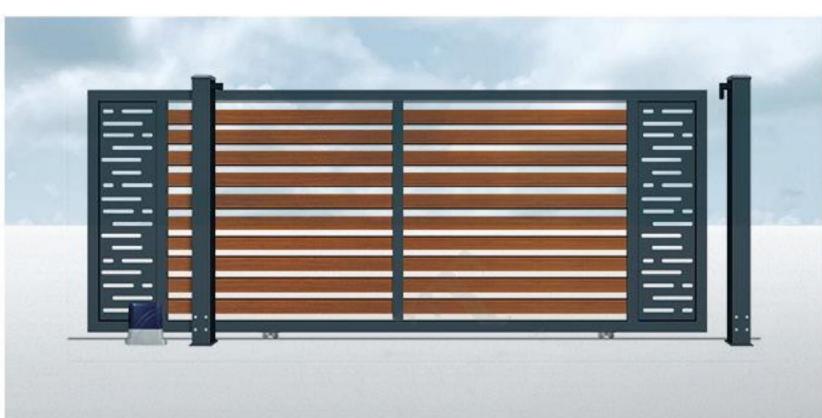
sliding with the trackManual or Electric



PY-005

Sliding Gate Series

sliding with the trackManual or Electric



PY-006

Sliding Gate Series

sliding with the trackManual or Electric



PY-007

Sliding Gate Series

sliding with the trackManual or Electric



PY-008

Sliding Gate Series

sliding with the trackManual or Electric



PY-009

Sliding Gate Series

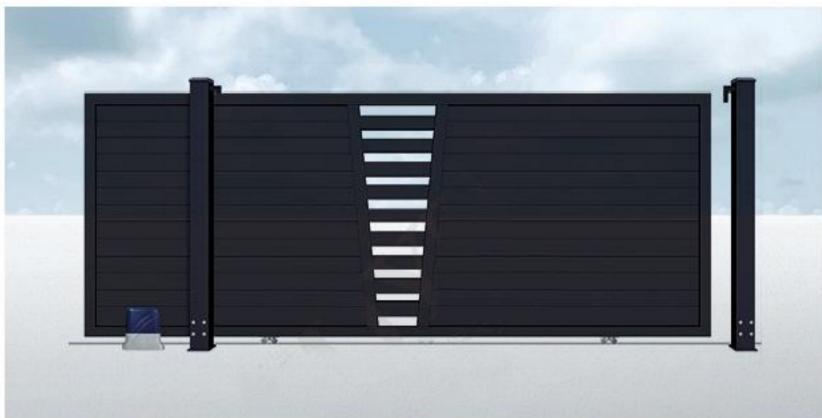
sliding with the trackManual or Electric



PY-010

Sliding Gate Series

sliding with the trackManual or Electric



PY-011

Sliding Gate Series

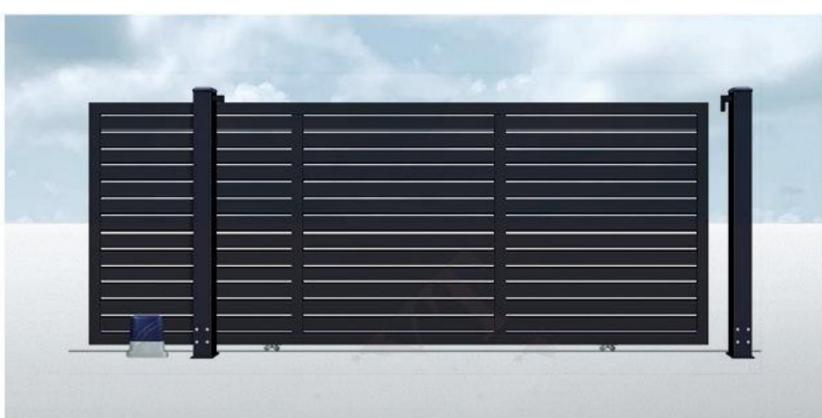
sliding with the trackManual or Electric



PY-012

Sliding Gate Series

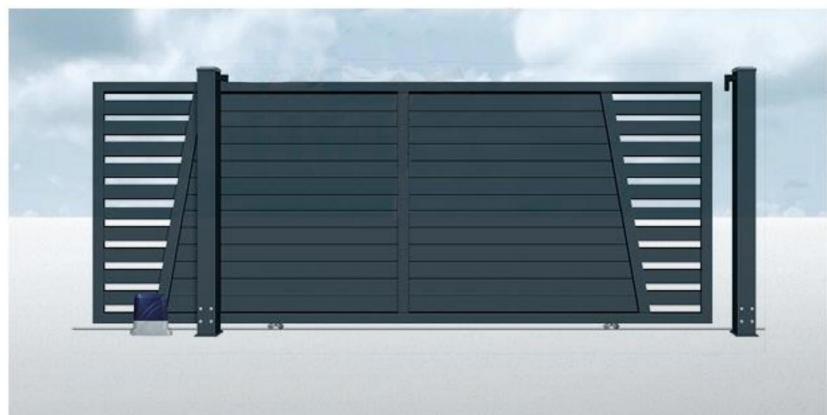
sliding with the trackManual or Electric



PY-013

Sliding Gate Series

sliding with the trackManual or Electric



PY-014

Sliding Gate Series

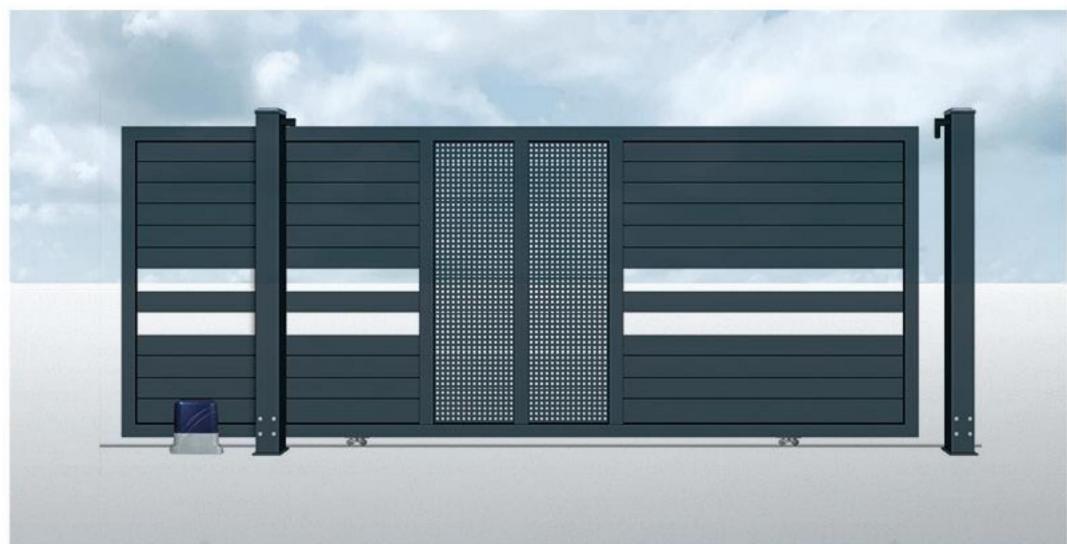
sliding with the trackManual or Electric



PY-015

Sliding Gate Series

sliding with the trackManual or Electric



PY-016

Sliding Gate Series

sliding with the trackManual or Electric



PY-017

Sliding Gate Series

sliding with the trackManual or Electric



PY-018

Sliding Gate Series

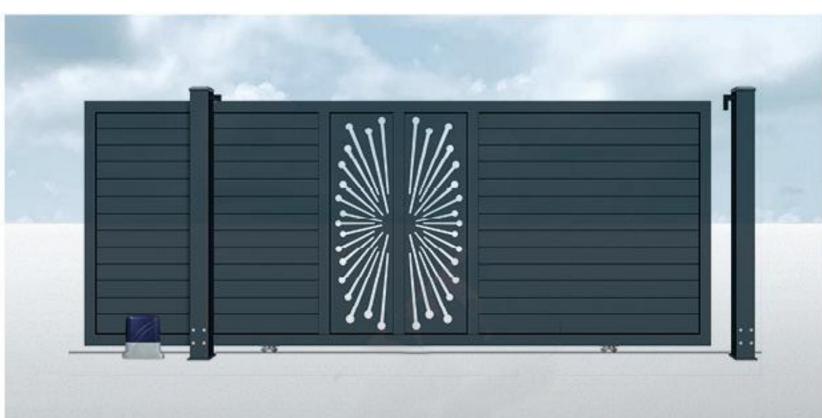
sliding with the trackManual or Electric



PY-019

Sliding Gate Series

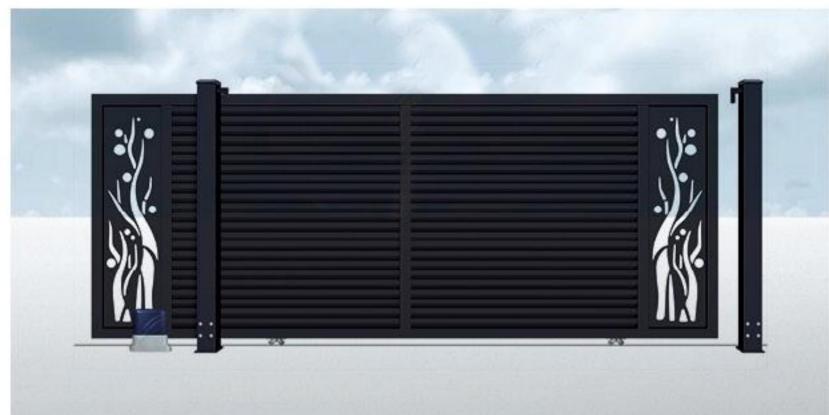
sliding with the trackManual or Electric



PY-020

Sliding Gate Series

sliding with the trackManual or Electric



PY-021

Sliding Gate Series

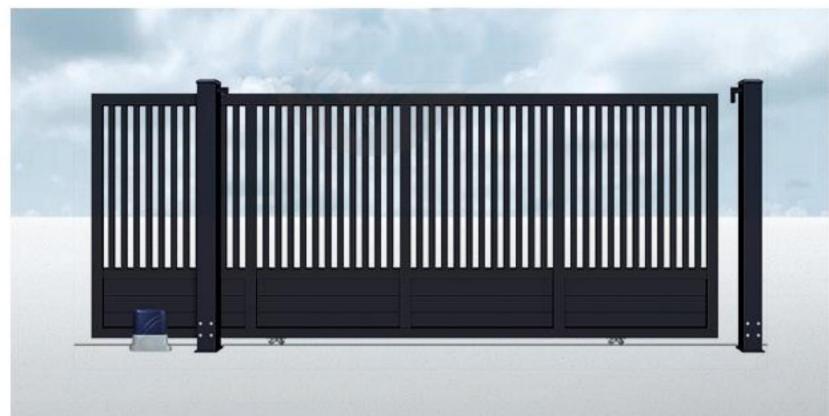
sliding with the trackManual or Electric



PY-022

Sliding Gate Series

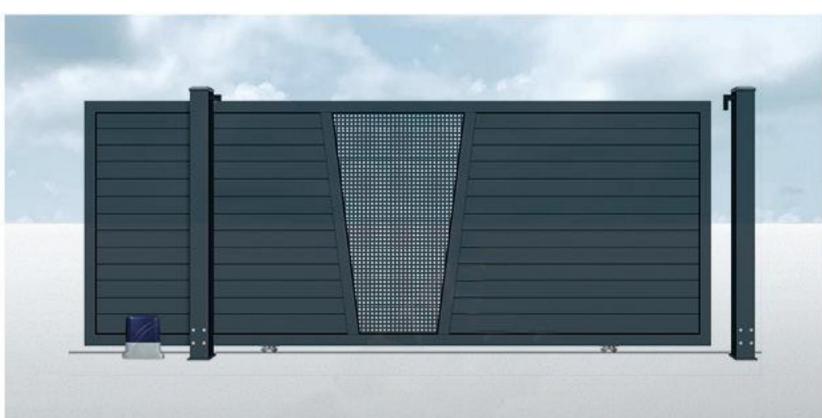
sliding with the trackManual or Electric



PY-023

Sliding Gate Series

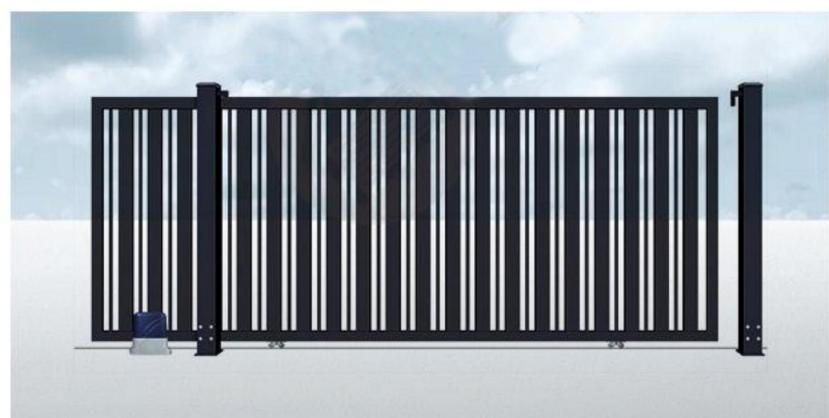
sliding with the trackManual or Electric



PY-024

Sliding Gate Series

sliding with the trackManual or Electric



PY-025

Sliding Gate Series

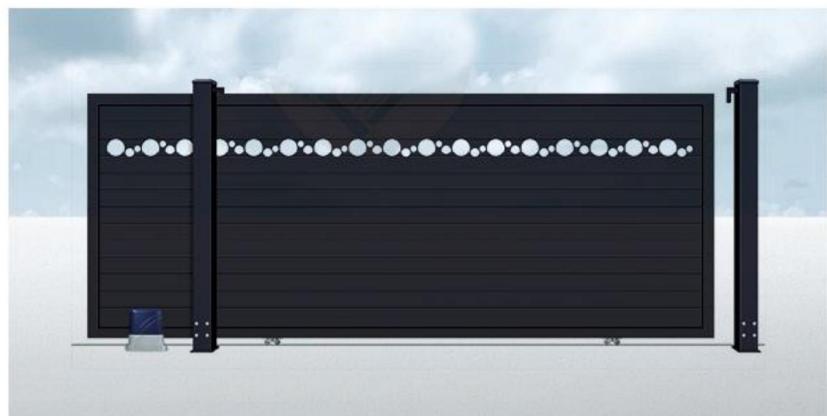
sliding with the trackManual or Electric



PY-026

Sliding Gate Series

sliding with the trackManual or Electric



PY-027

Sliding Gate Series

sliding with the trackManual or Electric



PY-028

Sliding Gate Series

sliding with the trackManual or Electric



PY-029

Sliding Gate Series

sliding with the trackManual or Electric



PY-030

Sliding Gate Series

sliding with the trackManual or Electric



PY-031

Sliding Gate Series

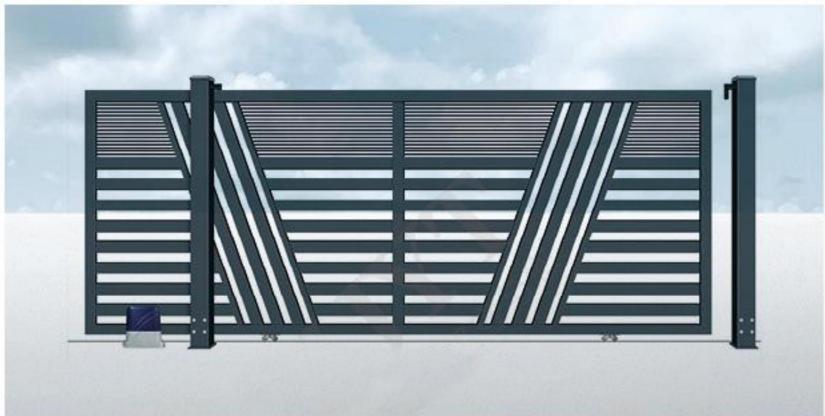
sliding with the trackManual or Electric



PY-032

Sliding Gate Series

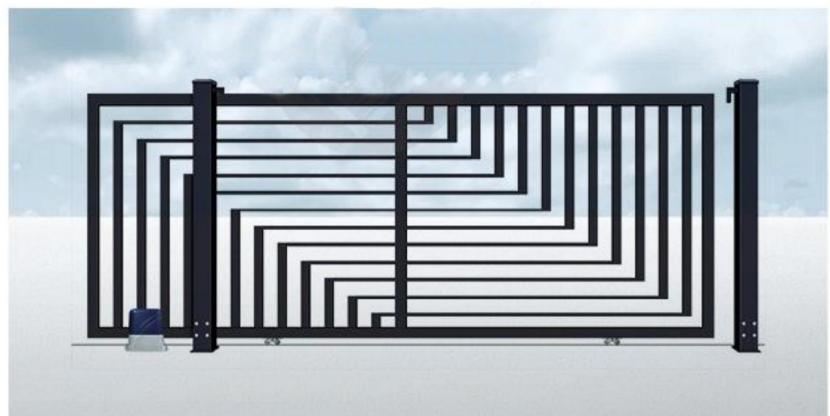
sliding with the trackManual or Electric



PY-033

Sliding Gate Series

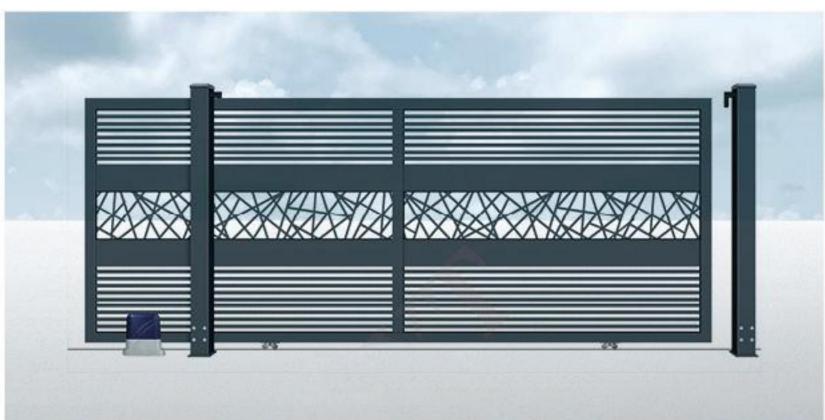
sliding with the trackManual or Electric



PY-034

Sliding Gate Series

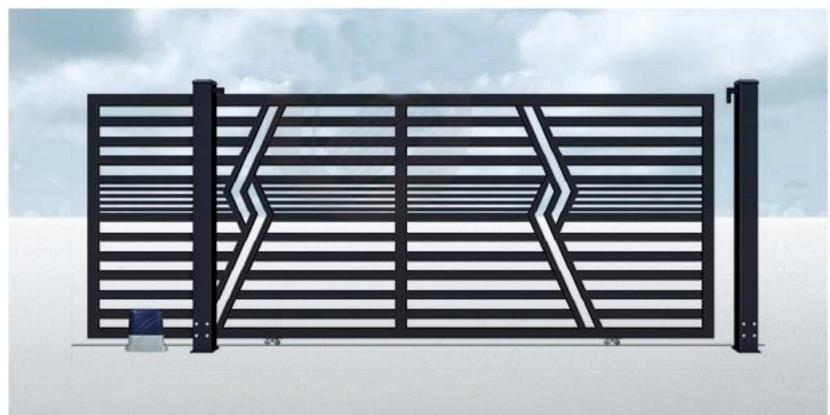
sliding with the trackManual or Electric



PY-035

Sliding Gate Series

sliding with the trackManual or Electric



PY-036

Sliding Gate Series

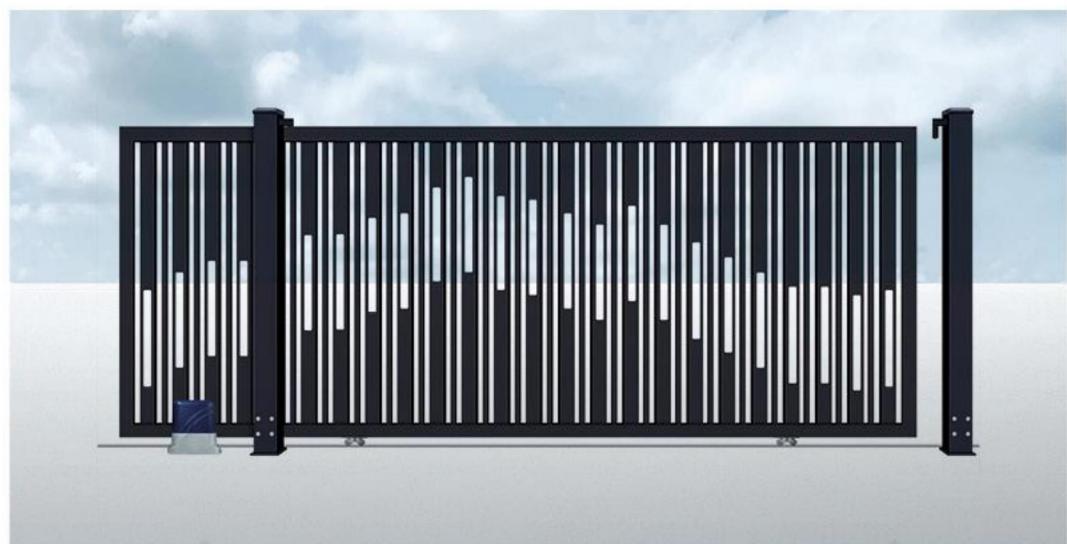
sliding with the trackManual or Electric



PY-037

Sliding Gate Series

sliding with the trackManual or Electric



PY-038

Sliding Gate Series

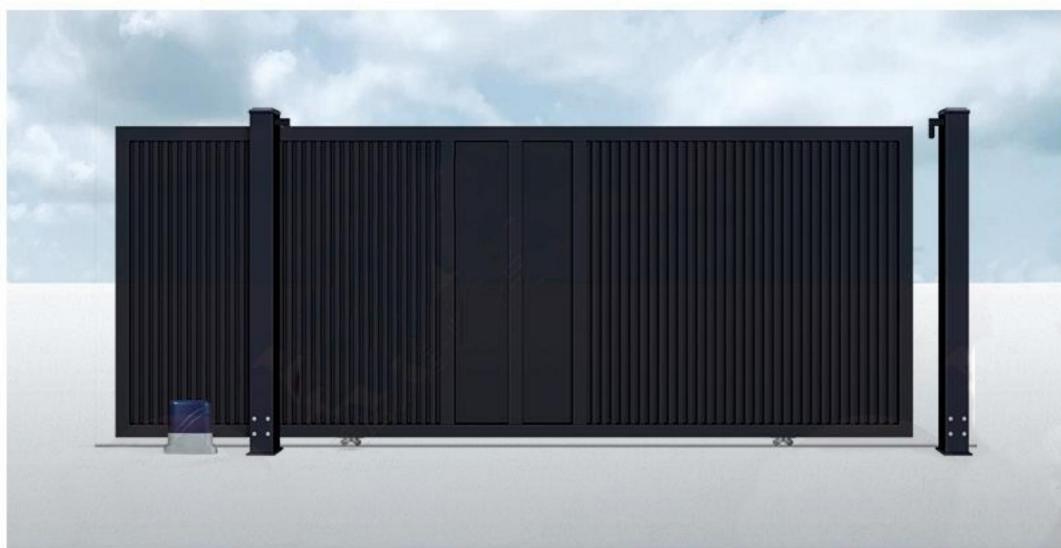
sliding with the trackManual or Electric



PY-039

Sliding Gate Series

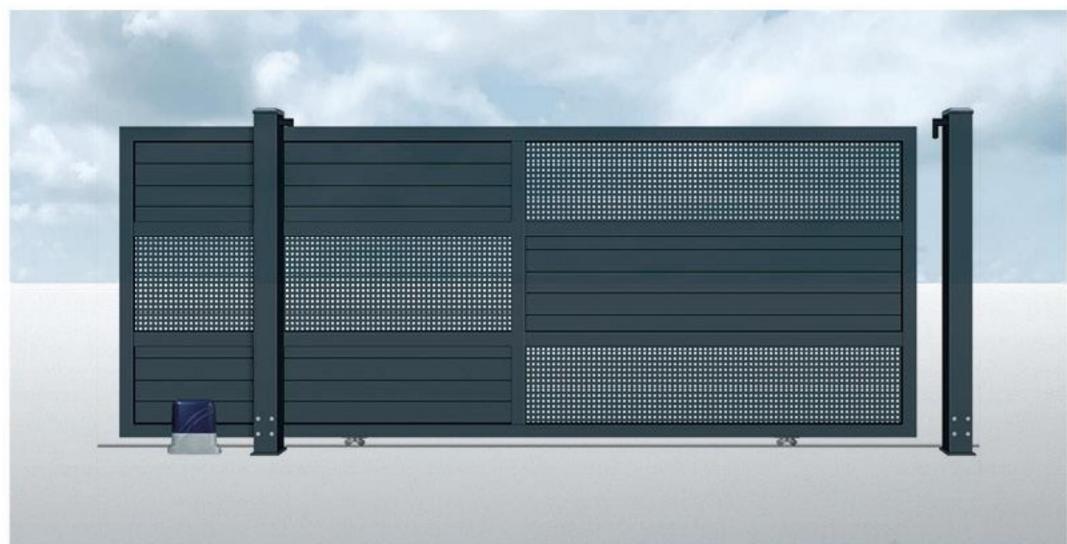
sliding with the trackManual or Electric



PY-040

Sliding Gate Series

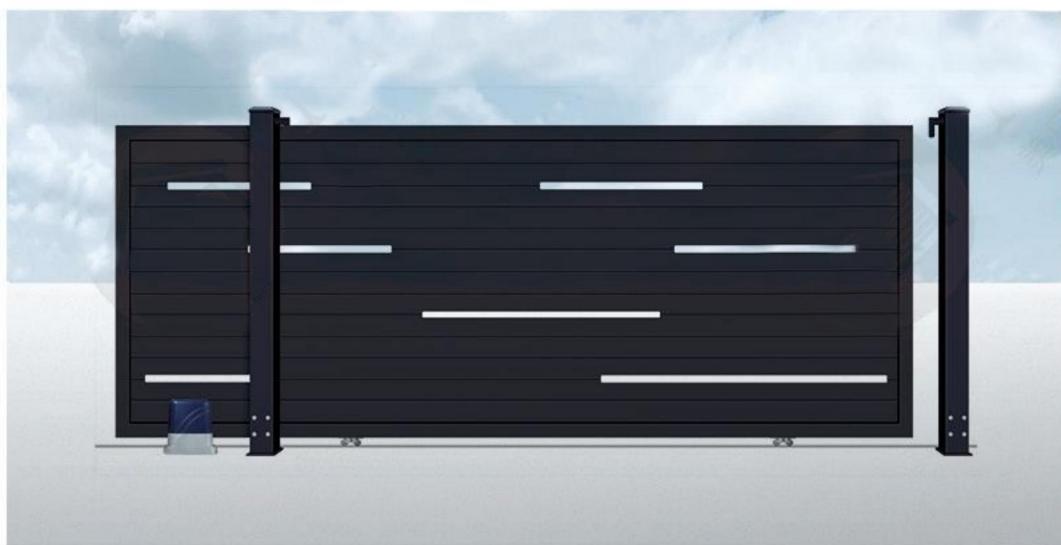
sliding with the trackManual or Electric



PY-041

Sliding Gate Series

sliding with the trackManual or Electric



PY-042

Sliding Gate Series

sliding with the trackManual or Electric



PY-043

Sliding Gate Series

sliding with the trackManual or Electric



PY-044

Sliding Gate Series

sliding with the trackManual or Electric



PY-045

Sliding Gate Series

sliding with the trackManual or Electric



PY-046

Sliding Gate Series

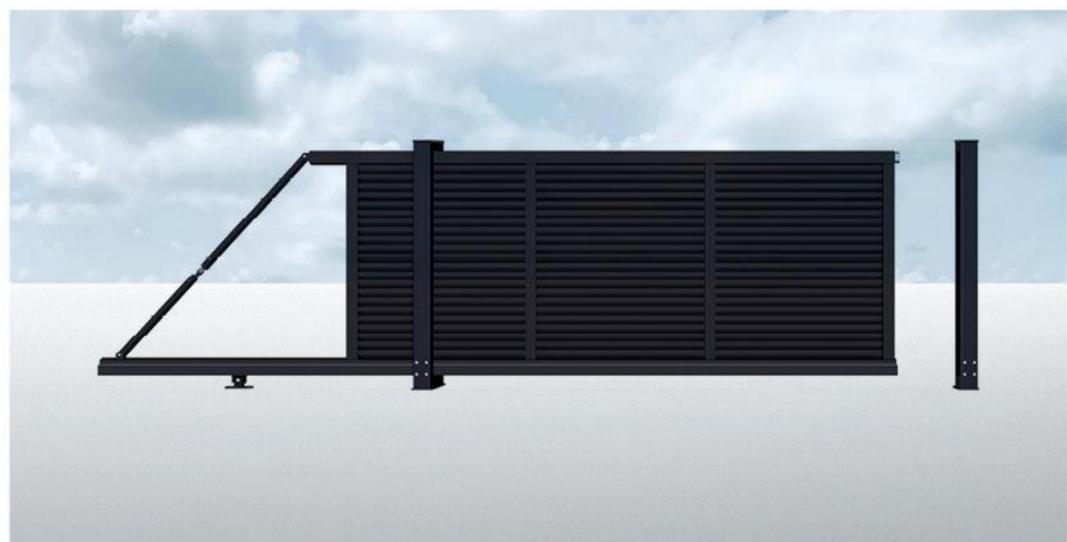
sliding with the trackManual or Electric



FX-001

Cantilever sliding

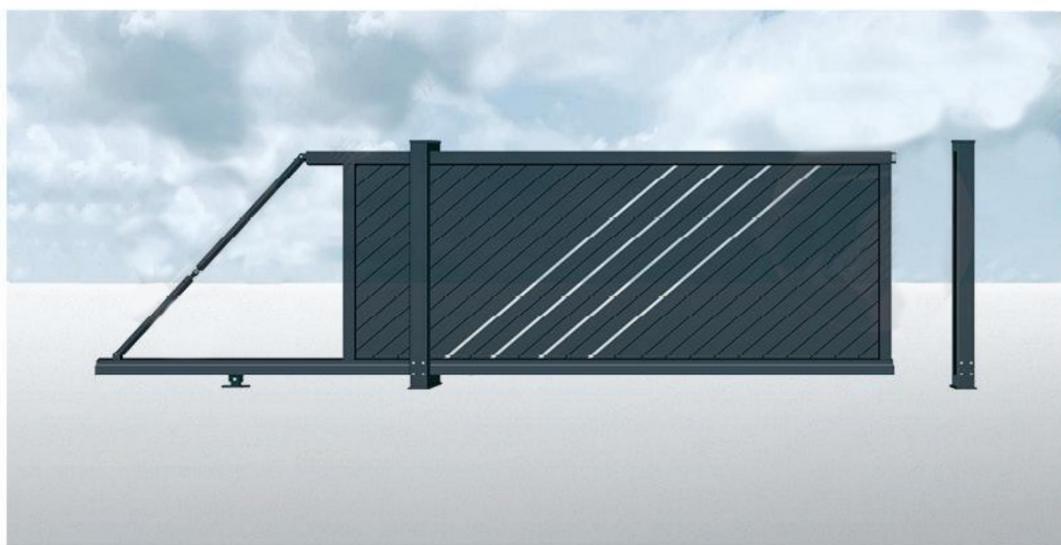
Sliding without track Manual or Electric



FX-002

Cantilever sliding

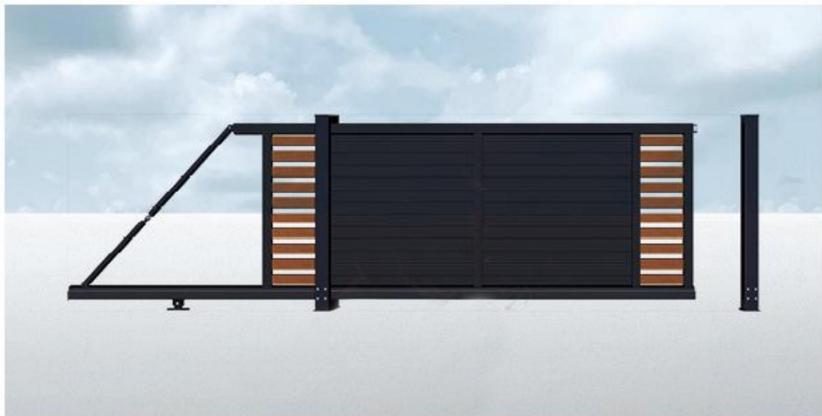
Sliding without track Manual or Electric



FX-003

Cantilever sliding

Sliding without track Manual or Electric



FX-004

Cantilever sliding

Sliding without track Manual or Electric



FX-005

Cantilever sliding

Sliding without track Manual or Electric



FX-006

Cantilever sliding

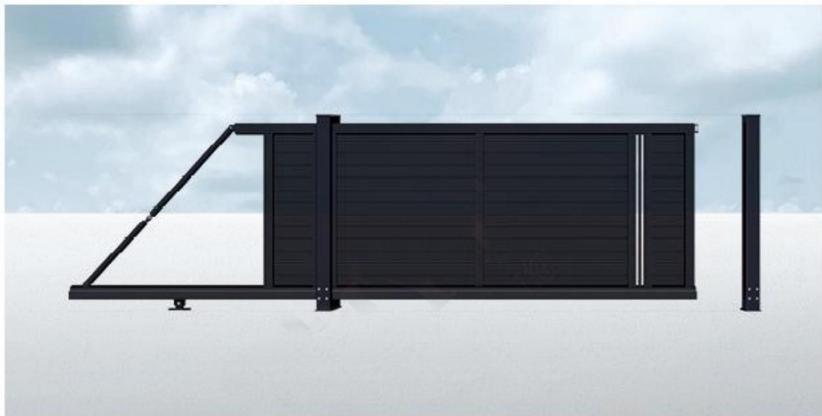
Sliding without track Manual or Electric



FX-007

Cantilever sliding

Sliding without track Manual or Electric



FX-008

Cantilever sliding

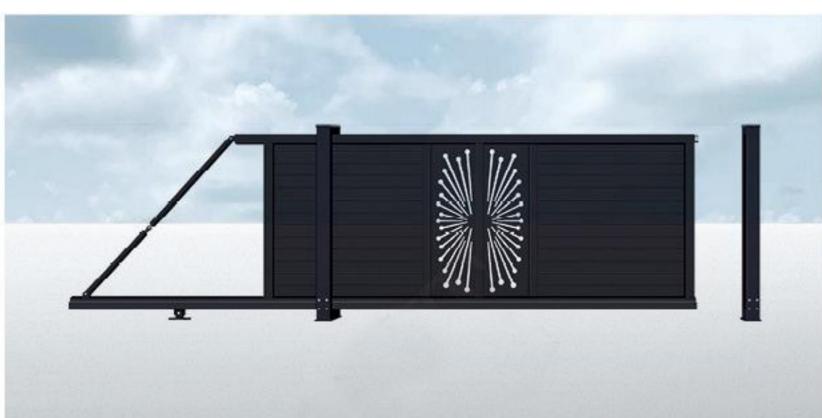
Sliding without track Manual or Electric



FX-009

Cantilever sliding

Sliding without track Manual or Electric



FX-010

Cantilever sliding

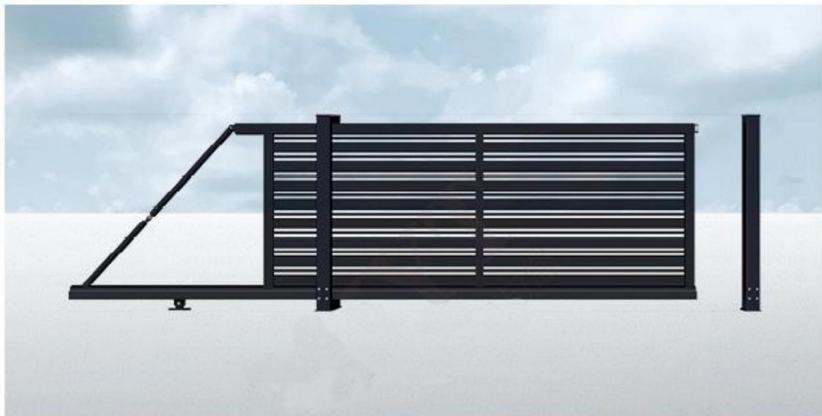
Sliding without track Manual or Electric



FX-011

Cantilever sliding

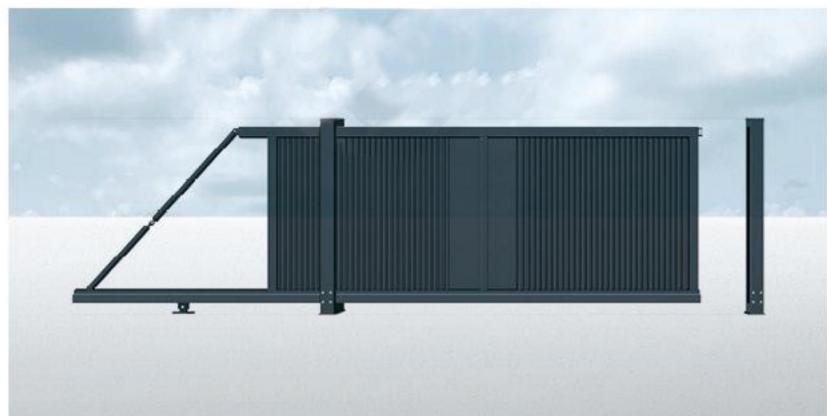
Sliding without track Manual or Electric



FX-012

Cantilever sliding

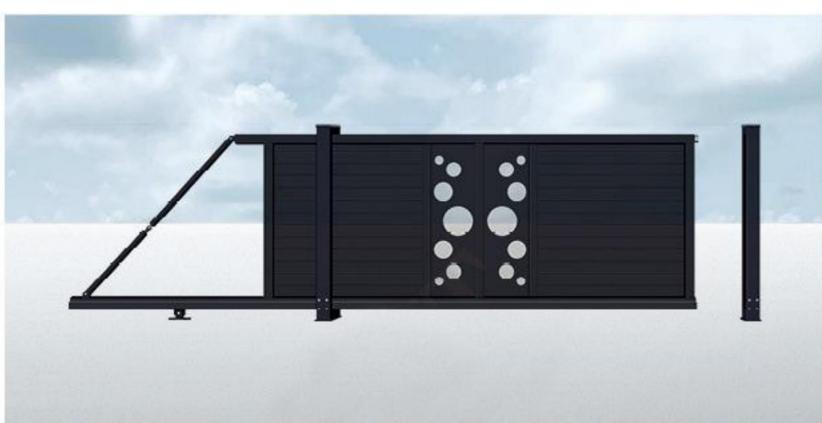
Sliding without track Manual or Electric



FX-013

Cantilever sliding

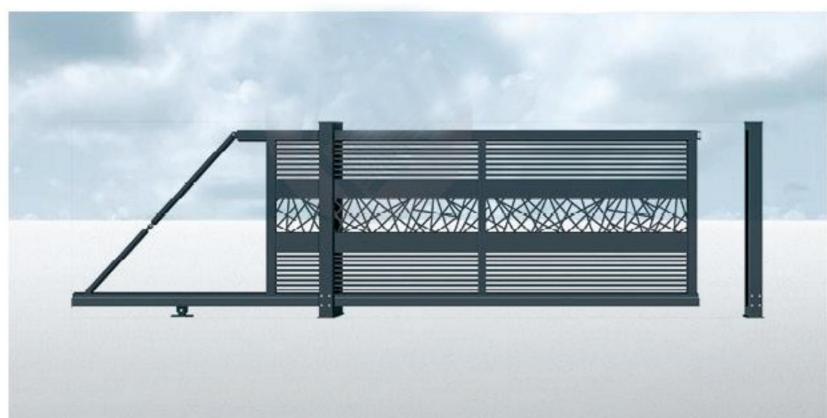
Sliding without track Manual or Electric



FX-014

Cantilever sliding

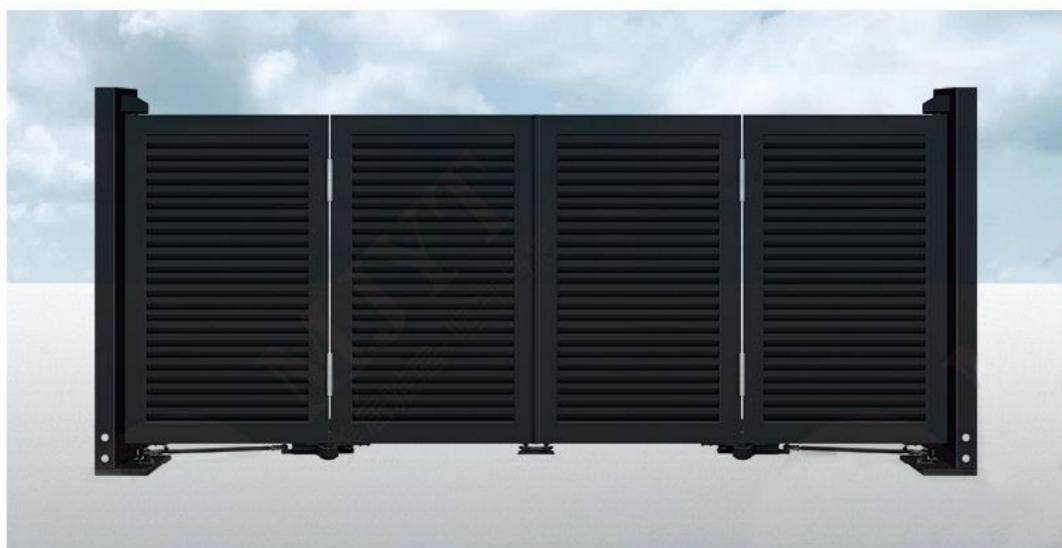
Sliding without track Manual or Electric



FX-015

Cantilever sliding

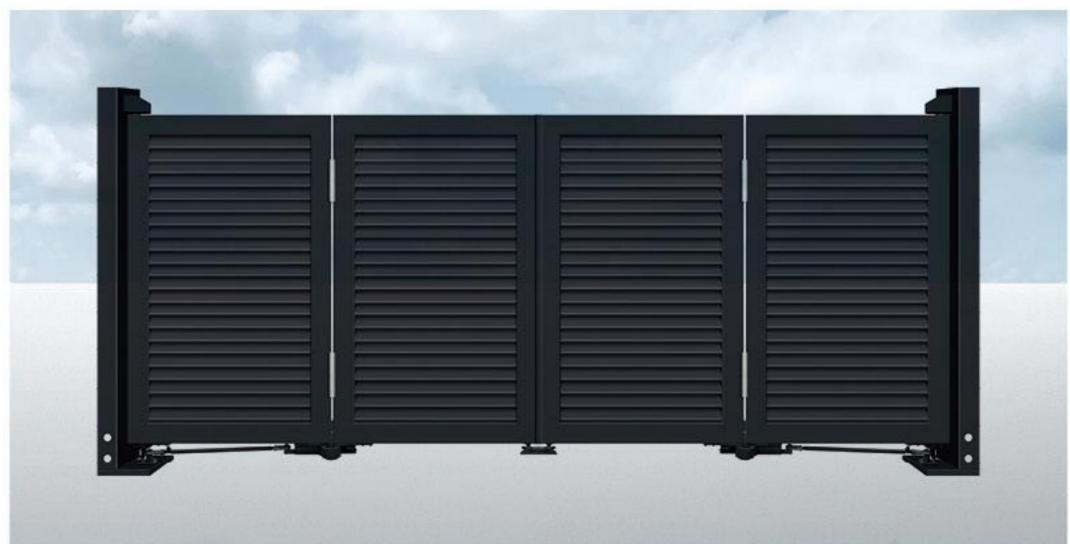
Sliding without track Manual or Electric



ZD-001

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-002

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-003

Folding Gate

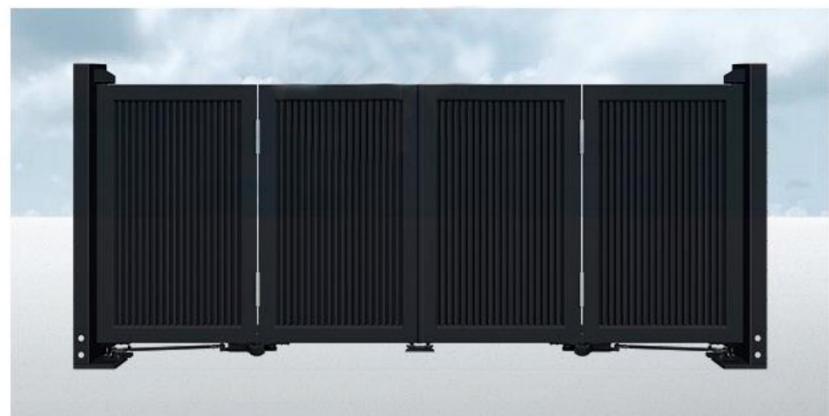
Bi-Folding or Tri-Folding Manual or Electric



ZD-004

Folding Gate

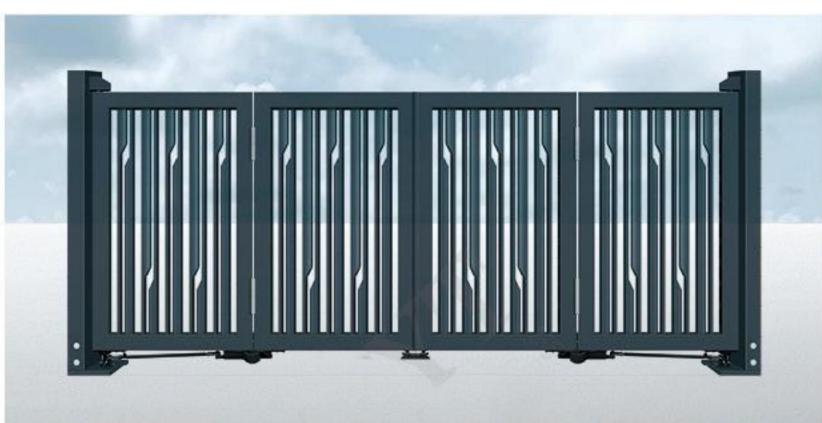
Bi-Folding or Tri-Folding Manual or Electric



ZD-005

Folding Gate

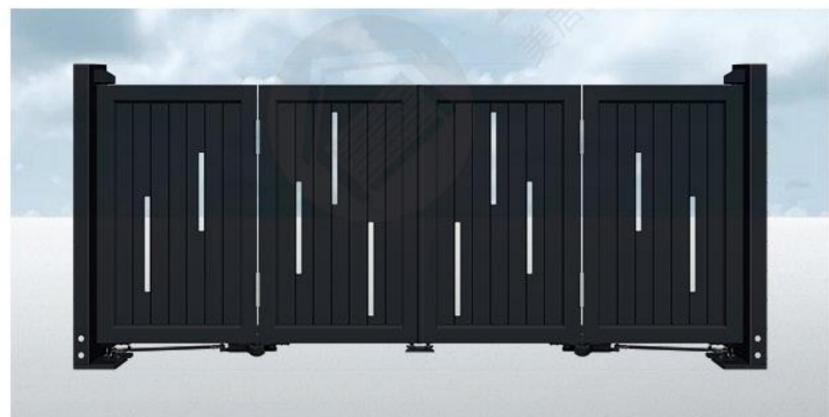
Bi-Folding or Tri-Folding Manual or Electric



ZD-006

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-007

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-008

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-009

Folding Gate

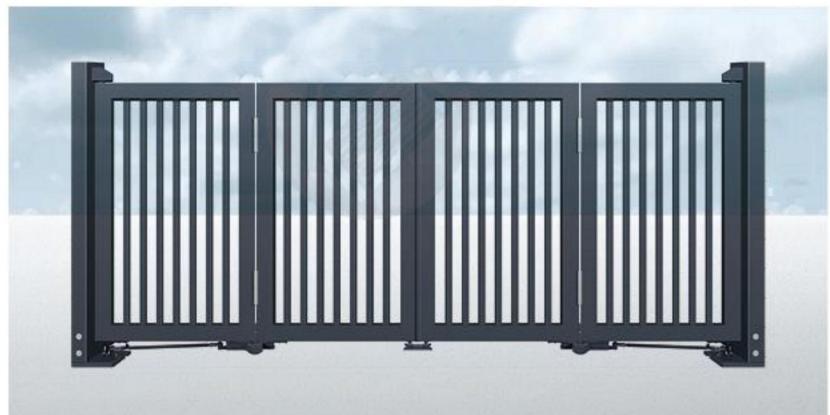
Bi-Folding or Tri-Folding Manual or Electric



ZD-010

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-011

Folding Gate

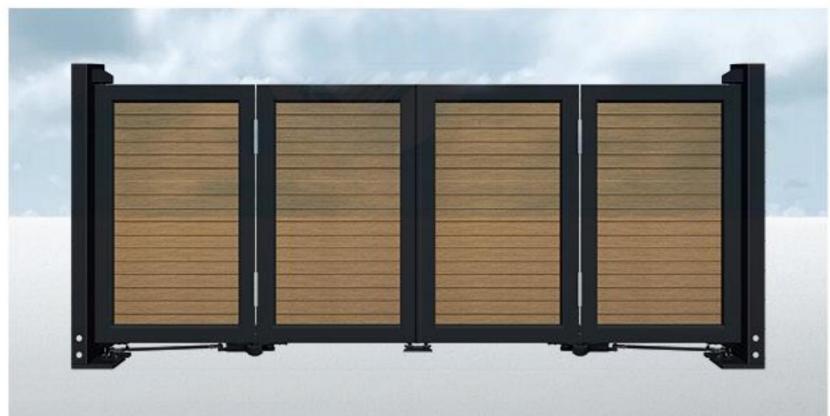
Bi-Folding or Tri-Folding Manual or Electric



ZD-012

Folding Gate

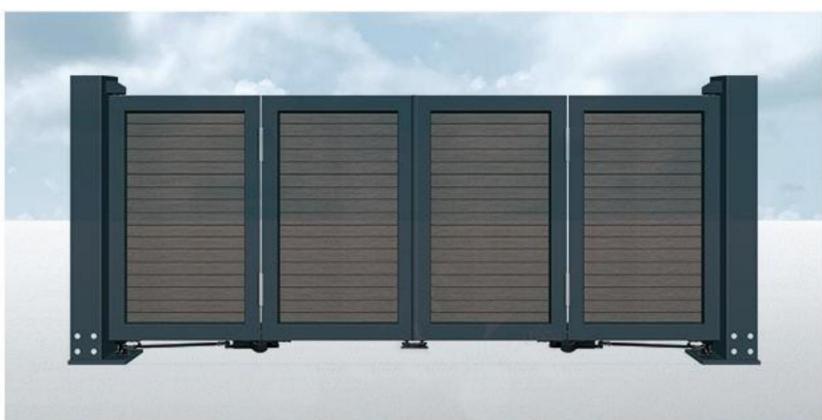
Bi-Folding or Tri-Folding Manual or Electric



ZD-013

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-014

Folding Gate

Bi-Folding or Tri-Folding Manual or Electric



ZD-015

Folding Gate

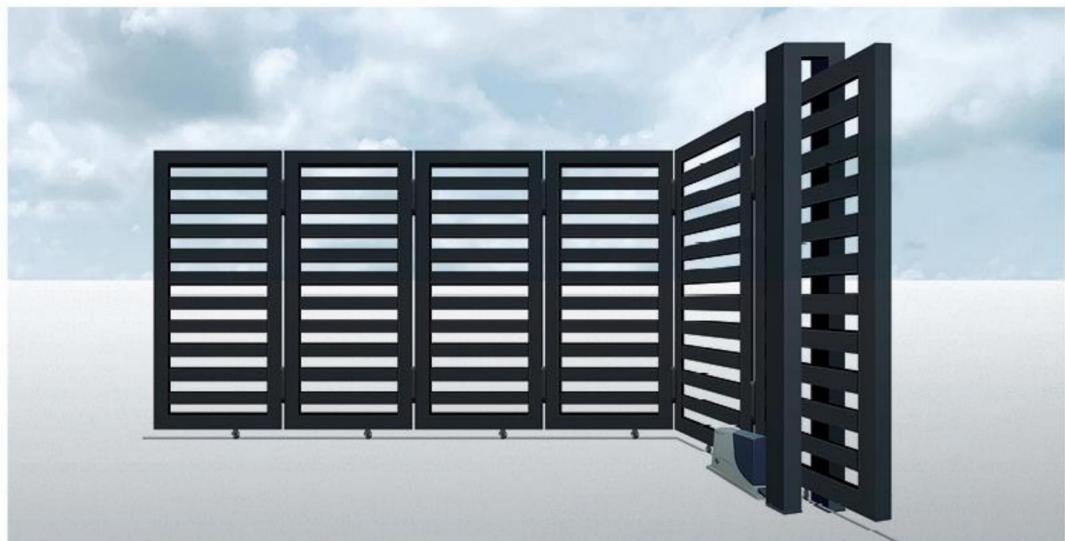
Bi-Folding or Tri-Folding Manual or Electric



ZW-001

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-002

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-003

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-004

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-005

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-006

Turning Sliding

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ZW-007

Turning Sliding

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ZW-008

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-009

Turning Sliding

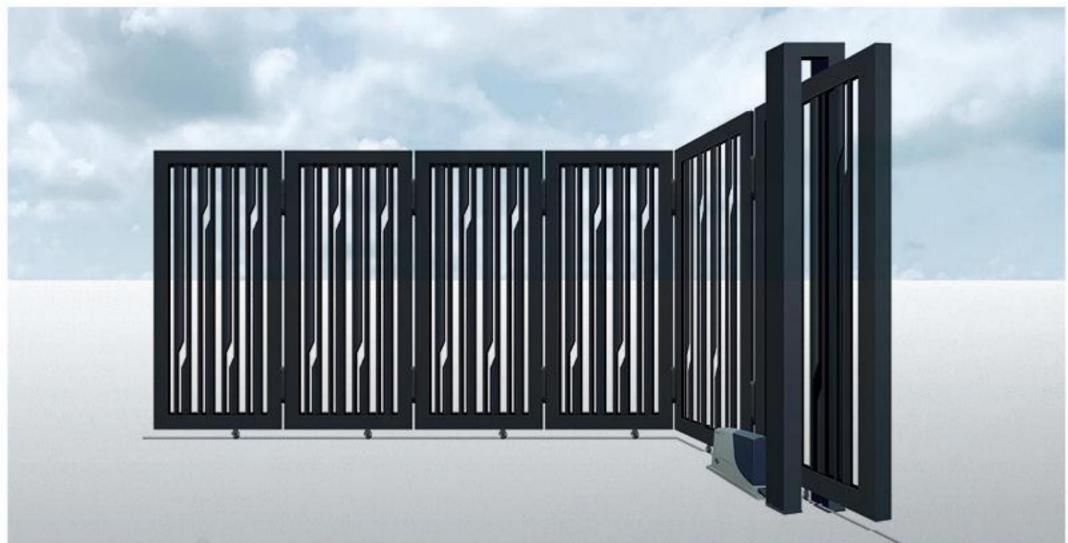
If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-010

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-011

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



ZW-012

Turning Sliding

If there is a limited entrance for the driveway gate, a turning door may be a suitable choice



DK-001

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-002

Pedestrain Gate

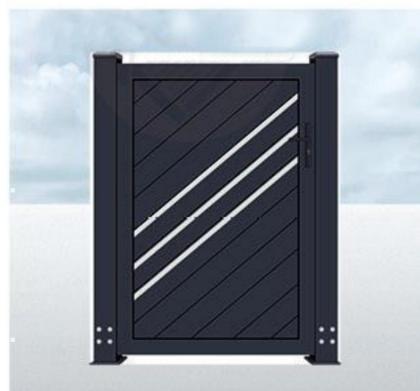
Double or Single Swing,
Manual or Electric



DK-003

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-004

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-005

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-006

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-007

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-008

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-009

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-010

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-011

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-012

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-013

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-014

Pedestrain Gate

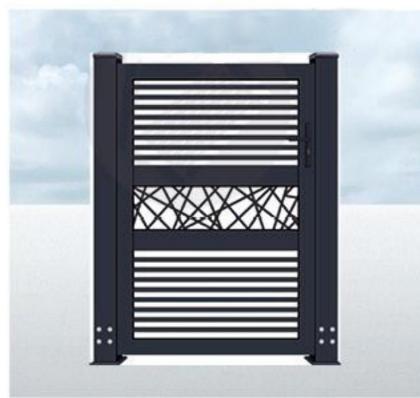
Double or Single Swing,
Manual or Electric



DK-015

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-016

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-017

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-018

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-019

Pedestrain Gate

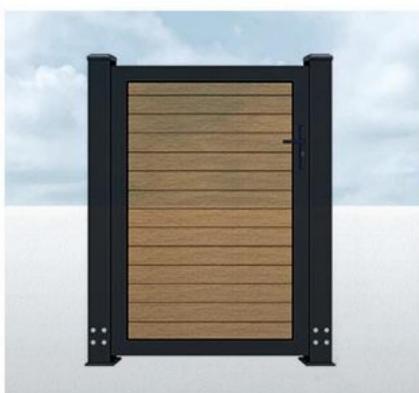
Double or Single Swing,
Manual or Electric



DK-020

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-021

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-022

Pedestrain Gate

Double or Single Swing,
Manual or Electric



DK-023

Pedestrain Gate

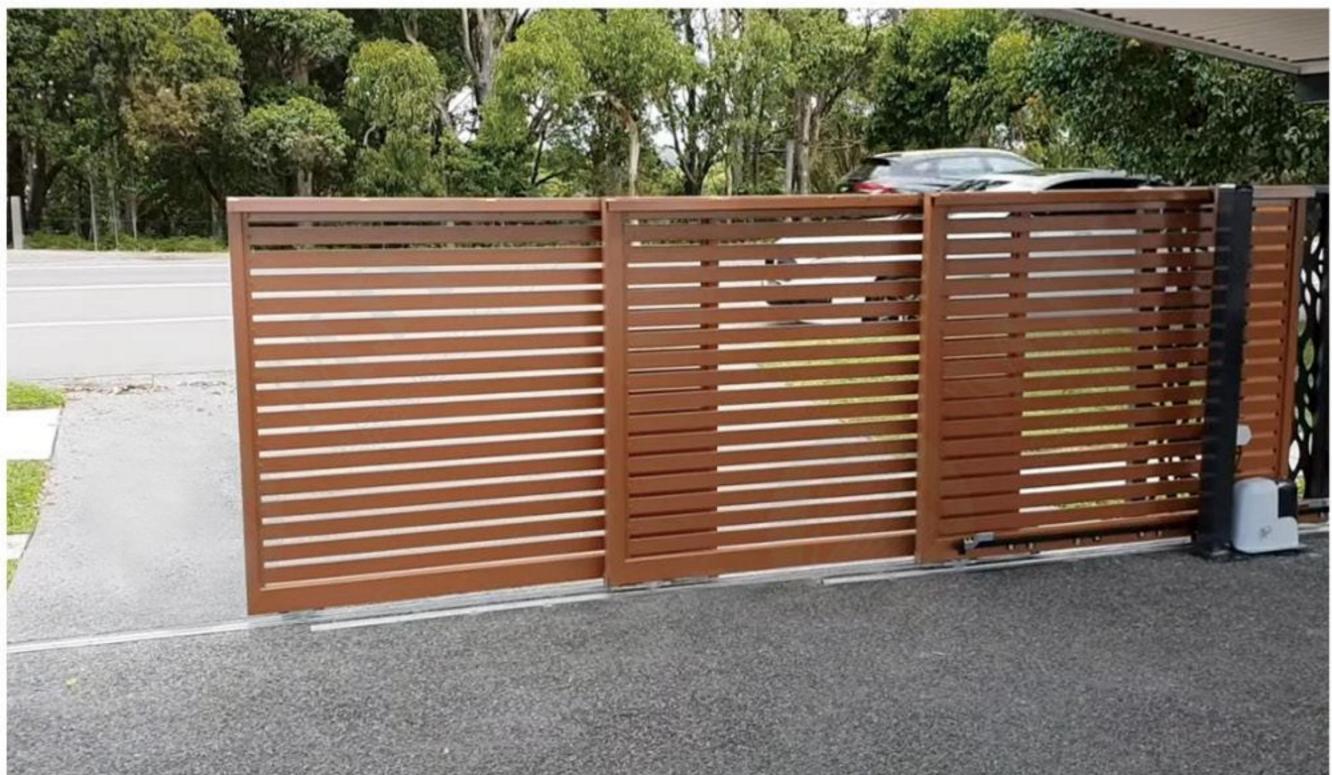
Double or Single Swing,
Manual or Electric



DK-024

Pedestrain Gate

Double or Single Swing,
Manual or Electric



CD-001

Door series

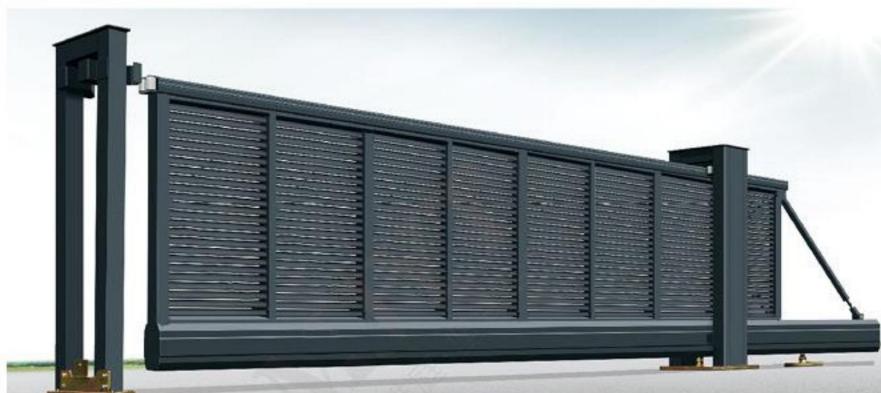
Overlapping doors, adaptable to various scenarios.



CD-002

Door series

Overlapping doors, adaptable to various scenarios.



GYXF-001

Industrial Cantilever Gate

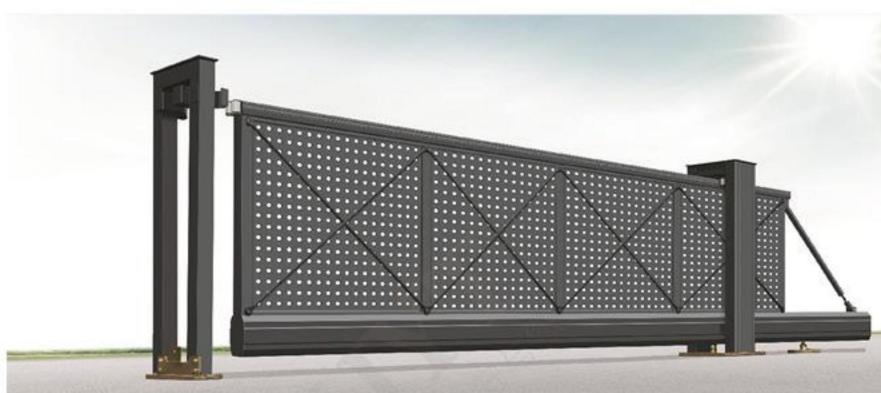
Industrial floating doors, suitable for various scenarios.



GYXF-002

Industrial Cantilever Gate

Industrial floating doors, suitable for various scenarios.



GYXF-003

Industrial Cantilever Gate

Industrial floating doors, suitable for various scenarios.



GYXF-004

Industrial Cantilever Gate

Industrial floating doors, suitable for various scenarios.



DHM-001

Telescopic Sliding Gate

warehouse, factory, school
government, etc



DHM-002

Telescopic Sliding Gate

warehouse, factory, school
government, etc



DHM-003

Telescopic Sliding Gate

warehouse, factory, school
government, etc



DHM-004

Telescopic Sliding Gate

warehouse, factory, school
government, etc