

GATE AUTOMATION

SWING GATE MOTORS

Leaves up to 5 m • 800 kg

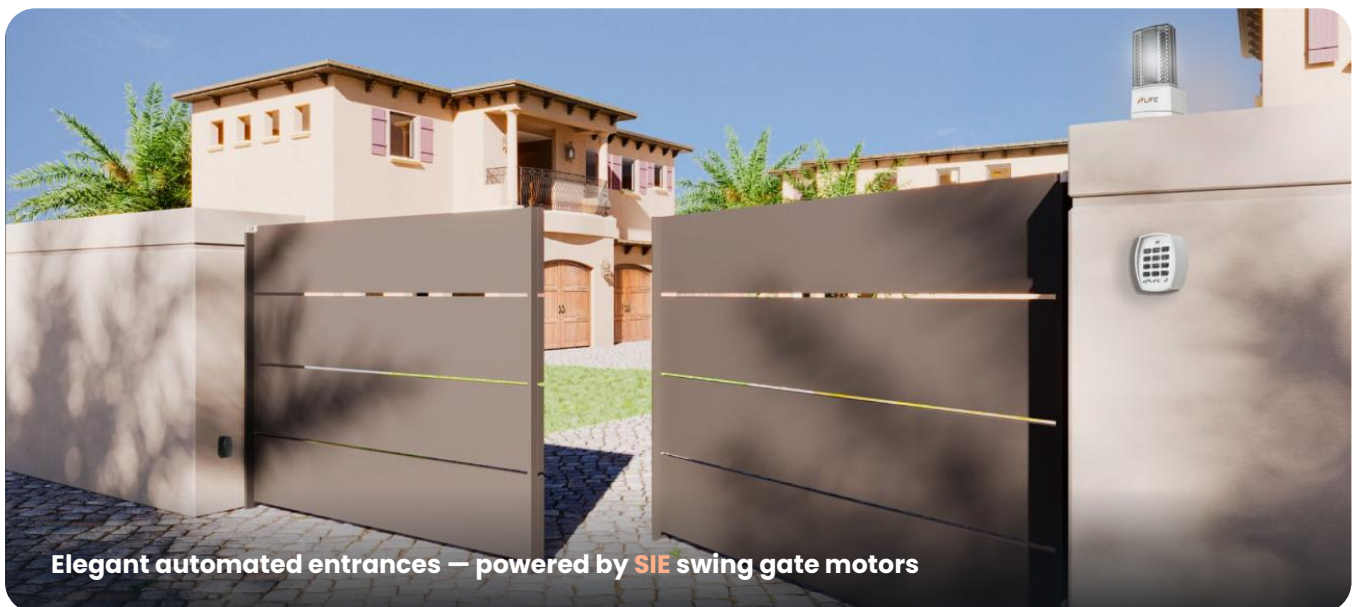
Arm, articulated, roller and underground operators — in 24 V DC and 230 V AC.

ARM MOTORS

ARTICULATED ARM

ROLLER DRIVE

UNDERGROUND



ARM MOTOR



ARTICULATED



ROLLER



UNDERGROUND

The SIE Swing Gate Range

A swing gate deserves automation that respects its design. The SIE swing gate range covers every configuration – compact arm operators for residential leaves, articulated arms for pillars with offset hinges, roller drives for unlimited opening angles, and fully hidden underground motors for heritage entrances. DC models support battery backup for power cuts; every operator offers soft start/stop, adjustable auto-close and full access-control integration.

1 – 5 m

Leaf Lengths Covered

800 kg

Max. Leaf Weight

24V / 230V

DC & AC Models

21

Models in Range

Choose Your Drive Type

Arm / Linear Motors

MOST POPULAR



Worm-screw linear actuators mounted between pillar and leaf – quick to install, silent, non-reversible for secure closing. Die-cast aluminium bodies with manual key release.

Leaves: 1–5 m · up to 800 kg · **24 V & 230 V models**

Articulated Arm

OFFSET HINGES



Jointed-arm geometry follows the leaf even when the hinge sits deep behind a wide pillar – no need to cut the pillar or reposition the gate.

Leaves: up to 2.5 m · 250–500 kg · **24 V & 230 V models**

Roller Drive

WIDE OPENING ANGLE



A rubber roller drives the leaf directly along the ground – single or double gates, opening angles beyond 110°, and no arms crossing the driveway.

Leaves: 3–5 m · 300–900 kg · **24 V models**

Underground

INVISIBLE



The motor sits in an IP67 foundation box beneath the hinge – only the box lid is visible, keeping the gate's appearance completely unaltered.

Leaves: up to 3.5 m · 500 kg · **24 V & 230 V models**

Applications

■ Villas & Bungalows

■ Heritage Entrances

■ Housing Societies

■ Farmhouses

■ Commercial Compounds

■ Institutions

24 V DC Arm Motors

Low-voltage DC arm operators with battery-backup support (24 V, 4.5/9.0 Ah), single/double gate modes, adjustable auto-close and soft start/stop for smooth, silent movement. The PKM series pairs die-cast aluminium shells with a worm-screw drive and bronze crown for maximum strength and life.

PARAMETER	SIE-L3-24V	SIE-PKM02	SIE-SW300	SIE-330K-350	SIE-330K-500
Power Supply	220 V / 24 V	220 V / 24 V	220 V / 24 V	220 V / 24 V	220 V / 24 V
Max. Leaf Length	1-2 m	2.5 m / 3 m	2.5 m	3 m	3 m
Max. Leaf Weight	200 kg	300-350 kg	300 kg	350 kg	500 kg
Thrust / Power	200 N · 12 W×2	60 W×2	320 N·m · 50 W	2000 N · 80 W	2500 N · 100 W
Limit System	Magnetic limit	Mech. stopper	Mech. stopper	Mech. stopper	Mech. stopper
Open Angle	90-110°	90-110°	90-110°	90-140°	90-140°
Protection	IP45	IP55	IP44	IP44	IP44
Frequency / Noise	433.92 MHz · ≤ 60 dB · -20 °C ~ +50 °C				

Supplied with: control board + 2 remote transmitters + rubber/end stoppers. SIE-PKM02-2 variant covers 3.5 m / 350 kg leaves. All DC models support 24 V battery backup.



SIE-PKM02 kit — arms, control board, remotes & hardware



SIE-SW300 kit with external lock



PKM arm pair — die-cast aluminium

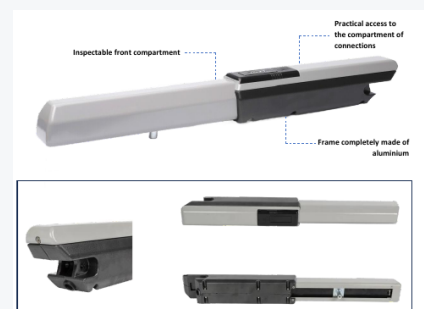
230 V AC Arm Motors

Irreversible electromechanical actuators for heavier residential and commercial leaves — sturdy steel-and-bronze transmission, mechanical stop switches, aluminium release handle with personalised key, and a large connection compartment on top of the motor.

PARAMETER	SIE-L5-600	SIE-L6-600	SIE-DCK23AC-3M	SIE-DCK23AC-5M
Power Supply	230 V AC	230 V AC	230 V AC	230 V AC
Max. Leaf Length	4 m	3 m	3 m	5 m
Max. Leaf Weight	500 kg	500 kg	700–800 kg	500 kg
Thrust / Power	2800 N · 320 W×2	—	320 N·m · 150 W×2	320 N·m · 150 W×2
Limit System	Electronic force sensor	Mech. stopper	Mechanical switch	Mechanical switch
Travel Speed	1450 rpm motor	—	10–15 m/min	10–15 m/min
Protection	IP44	IP44	IP44	IP44
Frequency / Noise	433.92 MHz · ≤ 60 dB · -20 °C ~ +50 °C			

Articulated Arm Motors

PARAMETER	SIE-DCK25AC	SIE-PKM-B01
Power Supply	230 V AC	220 V / 24 V DC
Max. Leaf	2.5 m · 500 kg	2.5 m · 250–300 kg
Thrust / Power	—	400 N · 80 W×2
Limit / Speed	Mechanical	Mechanical · 10–15 m/min
Protection / Angle	IP44 · 90–110°	IP54 · 90–110°
Extras	Auto-close 0–99 s · slow start & stop · manual release · alarm lamp & photo-beam interface	



SIE 230 V arm motor — aluminium frame, inspectable compartments



SIE-L5-600 — heavy-duty metal gear unit for gates up to 4 m



SIE-PKM-B01 articulated opener

Roller Drive Motors • 24 V

A rubber roller moves along the bottom of the leaf to push it open or closed — single or double gate compatible, opening angles beyond the reach of linear actuators, and leaf weights up to 900 kg. Soft start/stop minimises wear; DC drive supports battery backup.

PARAMETER	SIE-DCK680 / DCK860 / DESO-24V	SIE-ALCANO
Max. Leaf Weight	500–600 kg / leaf	900 kg / leaf
Power Supply	220 V / 24 V DC	220 V / 24 V DC
Drive / Thrust	Roller · 600 N · 120 W×2	Roller · heavy duty
Limit / Speed	Magnetic sensor · 10–15 m/min	Magnetic sensor
Open Angle / IP	90–140° (and beyond) · IP55	90–140° · IP55
Supplied with	Control board + 2 remotes + end stopper · 24 V 4.5 Ah battery option	



SIE-DCK680 roller operators



SIE-DCK860 with roller wheel unit

Underground Motors • IP67

The motor mechanism installs in a foundation box under the hinge — only the box lid and connecting arm are visible, leaving the gate's appearance untouched. The choice for premium villas and heritage gates.

PARAMETER	SIE-U2 (230 V / 24 V)	SIE-U3 (230 V / 24 V)
Max. Leaf	2 m · 200 kg	3.5 m · 300–500 kg
Thrust	up to 700 N·m (AC) / 300 N·m (DC)	up to 700 N·m (AC) / 300 N·m (DC)
Power / Current	300 W (AC) · 70 W (DC)	300 W (AC) · 70 W (DC)
Protection	IP67 foundation box	IP67 foundation box
Extras	Travel 10 s · remote range 30 m · integrated auto-close timer · remotes, keypads & intercom operation	



Underground motor in IP67 foundation box

Also in range: SIE-P140 pedestrian gate motor — 1 m / 140 kg leaves, supplied with control board, 2 remotes, magnetic lock and fixing accessories.

Find Your Model

Select by leaf length and weight — every kit includes the control board and two remote transmitters with stoppers.

MODEL	VOLTAGE	MAX LEAF LENGTH	MAX LEAF WEIGHT	DRIVE TYPE
ARM MOTORS — 24 V DC				
SIE-L3-24V	24 V	1–2 m	200 kg	Linear arm
SIE-PKM02	24 V	2.5 m	300 kg	Linear arm
SIE-SW300	24 V	2.5 m	300 kg	Linear arm
SIE-PKM02-2	24 V	3.5 m	350 kg	Linear arm
SIE-330K-350	24 V	3.5 m	350 kg	Linear arm
SIE-330K-500	24 V	3.5 m	500 kg	Linear arm
ARM MOTORS — 230 V AC				
SIE-L5-600	230 V	4 m	500 kg	Linear arm
SIE-L6-600	230 V	3 m	500 kg	Linear arm
SIE-DCK23AC-3M	230 V	3 m	700 kg	Linear arm
SIE-DCK23AC-5M	230 V	5 m	500 kg	Linear arm
ARTICULATED ARM				
SIE-DCK25AC	230 V	2.5 m	500 kg	Articulated
SIE-PKM-B01	24 V	2.5 m	300 kg	Articulated
ROLLER DRIVE — 24 V DC				
SIE-DCK680	24 V	—	500 kg / leaf	Roller
SIE-DCK860	24 V	—	500 kg / leaf	Roller
SIE-DESO-24V	24 V	—	500 kg / leaf	Roller
SIE-ALCANO	24 V	—	900 kg / leaf	Roller
UNDERGROUND — IP67				
SIE-U2-230V / U2-24V	230 V / 24 V	2 m	200 kg	Underground
SIE-U3-230V	230 V	3.5 m	500 kg	Underground
SIE-U3-24V	24 V	3.5 m	300 kg	Underground
PEDESTRIAN GATE				
SIE-P140	24 V	1 m	140 kg	Arm + magnetic lock

Controls, Locks & Safety

Matched control boards and panels for every SIE swing gate operator, plus locks, safety devices and smart access options — all tested with SIE drives.



Control Boards & Panels

24 V & 230 V boards, panel sets with transformer + 2 remotes.



Photocell

IR safety beam pair — stops & reverses on obstruction.



Warning Lamp

Flashing lamp signals gate movement.



Roller Spares

Limit boards & extra wheels for roller motors.

Full Accessory Range

24 V Control Board

Control Panel Set + 2 Remotes

230 V AC Control Board

Roller Motor Control Board

Digital Display Board (1m/2m)

Swing Gate Lock

Swing Gate Ground Lock

Photocell Pair

Extra Remote

Wireless Keypad

Bluetooth App Module

Battery Backup Box

Auto Car-Sensing Module

Extra USB Drive

Roller Limit Board

Roller Extra Wheel

Optional Integration

Warning Light

Fingerprint

Password Access

Card Access Control

Bluetooth App Control

GSM Module

Video Door Phone

Car Sensor

Dead Bolt Lock

Which operator suits your gate?

Share leaf length, weight, pillar size and power availability — our engineers will recommend the right drive, free of charge.

+91 80808 07220

info@smartie.in



HEAD OFFICE

Smart India Enterprises

Jijamata Nagar, A-1 Bakery Road,
Goregaon West, Mumbai – 400 104, India

CALL US

+91 80808 07220

+91 76663 07880

+91 92222 07880

EMAIL

info@smartie.in

WEB

www.smartie.in

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