

Entrance Gates – Normal Sliding Mechanism Manual Or Motorized Operation



Entrance gates by Identimatic (**a brand of Toshi Automatic Systems Pvt. Ltd.**) are designed and fabricated using high-quality square or rectangular hollow sections, along with Mild Steel sheets and flaps assembled in superior welding quality.

Their sturdiness and perfect alignment ensures long-life and operation through proper pre-tensioning and assembly. The gate is kept in place through nylon rollers, supported by an adjustable upper galvanized guide bracket, strong guide posts with safety strikes and specially designed Italian wheels with ball bearings and axle with lubrication point, suitable for gates up to 10 tons. As standard, our gates come with a coat of grey epoxy primer by spray and can be further customized with PU painted colours as per client requirement and site. Upon request, we also manufacture gates in Stainless Steel or other materials.

Technical Specifications:

S. No.	Parameters	Description
1.	Clear Size	As per site requirement
2.	Total Width	Clear Width + 1100 mm
3.	Mounting Surface	Bottom Rail: RCC Columns: MS or RCC
4.	Pattern	Standard Mild Steel square hollow tubular section, in torsion free fully welded unit
5.	Gate Frame	M.S. pipe top, bottom horizontal & vertical profile (100*100*3 mm as Standard)
6.	Infills	The infills are to be fully welded between the upper & lower gate frame (100*50*3 mm as Standard)
7.	Bottom Rail	I-Beam & 20mm round polished bar
8.	Bottom Rollers	Italian make Galvanised Wheels in 120mm dia. with ball bearings and axle with lubrication point
9.	Full-Height Column	Galvanised adjustable upper guide brackets with pair of guide post constructed from a steel square hollow section profile
10.	Guide Rollers	Nylon Rollers with bearings mounted on both side of column providing lateral support & smooth movement to the gate leaf
11.	Safety Post	Safety strike with M.S. Post profile section
12.	Operation	Manual or Motorized (as per requirement)
13.	Operating Control (Standard)	Three Station Push Button (Motorized gate only)
14.	Surface Finish	One coat of grey epoxy primer by spray (paint at extra cost)
15.	In-built Wicket Gate	Optional (as per client requirement)

Note: Above dimensions subject to Identimatic by TASPL "Iouvre" design gate only.

Accessories for Motorization (if applicable):

S. No.	Parameters	Description
1.	Operator	CE certified European electro-mechanical operator by <u>RIB, Italy</u> with rack driven rugged and powerful drive unit with integral electronic control unit (L1-CRX)
2.	Travel Control System	Magnetic mechanical stop to sense open & close limit
3.	Duty Class	Heavy Duty
4.	Capacity	500 – 6000 Kgs (as per gate weight and requirement)
5.	Power Supply	230V / 50 Hz
6.	Opening Speed	0.17-0.2 m/sec



7.	Closing Speed	0.17-0.2 m/sec
8.	Release System for Emergency	Key Operated
9.	Control Switch	Three Station Push Button with SS plate (standard)
10.	Safety Devices	Fit Syncro infrared safety photosensor by <u>RIB, Italy</u> (EN ISO 13849-2:2013 and CE certified)
11.	Rack	4 Module MS rack of size, 12*30*1005 mm
12.	Vertical Mountings	Mild Steel bollards for photocell
13.	Blinker (Optional)	Spark by RIB, Italy
14.	Remote (Optional)	Sun 2-channel or 4-channel by RIB, Italy
15.	Loop Detector (Optional)	Double Channel

