

TOSHI AUTOMATIC SYSTEMS PRIVATE LIMITED

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(An ISO 9001:2015 and ISO 14001:2015 certified company)



**Identimatic (by Toshi Automatic) High Speed Door
Rapid Roll-up Self-Repairable Series
Model Code: IDM-HSD with S-5 Controller**

About the product: Identimatic Rapid High Speed Roll-up doors are designed for busy traffic flow areas with high duty cycles. Engineered to optimize running costs and increase efficiency through its self-repairable construction, these doors are well suited for internal applications. Ideal for preventing contamination across areas and enabling energy conservation, their robust design conforms to requirements of EN 13241-1.



*Anti-Crash Self
Repairing Mechanism*

Salient features

Feature	Benefit
1. Robust construction	CE certified, built in conformity with European Directive EN 13241-1:2003+A1:2011.
2. Optimized Production Flow	With opening speed upto 1.5 m/sec, they maximize efficiency across production cycle.
3. Anti-crash Protection System	Enhanced safety features as per EN13241 for external zone and closing zone monitoring.
4. Advanced Control Panel	SS 304 control box with inbuilt VFD for speed adjustment and slow limits for protection.
5. High-Tensile PVC Curtain	Low maintenance curtain design in 900GSM PVC fabric (as per EN ISO 2286-2), with 2.0mm thick vision panel and self-repairing property
6. Adverse Weather Protection	Equipped with special wind bars to offer protection against wind loads of upto 120 km/hr, conforming to EN12424-1.
7. Durable Guide Rail System	Heavy duty self-supporting steel guide rail system for robust curtain travel and easy installation.
8. Exemplary Aesthetics	Available in a range of curtain colour options, along with stylish guards for operator and roller assembly.

Technical Features

S No.	Parameters	Description
1	Make	Identimatic by Toshi Automatic Systems Pvt. Ltd. (TASPL)
2	Model	Identimatic High Speed Rapid Roll-up Door (Self-Repairing) with European Operator & S-5 PAW Controller
3	Opening Speed	0.8 - 1.5 m/s (adjustable)
4	Closing Speed	0.8 m/s
5	Operating Commands	Three-station push button for Open-Emergency Stop-Close (Standard) Additional Push Button <i>(Optional at additional cost)</i> Motion Radar Sensor <i>(Optional at additional cost)</i> Pull-Cord Switch <i>(Optional at additional cost)</i> Remote Receiver <i>(Optional at additional cost)</i> Magnetic Loop Detector <i>(Optional at additional cost)</i>
6	Push button type	Pulse Control
7	Curtain Details	Curtain made of 900GSM (EN ISO 2286-2) high tensile PVC fabric, with 2.0mm thick vision panel and operating temperature of -10 to +70 deg. C Type of Coating: PVC Finish: Acrylic lacquer on both sides, antimicrobial, UV-protected
8	Operator	Heavy Duty European Direct Drive (380-400V AC, 3 ϕ 50/60 Hz), IP 55 rated and certified as per Machine Directive IEC 34-1 / CEI-IEC 72-1, with soft open and close limit
9	Space Requirement	Motor side: - 650 mm, Bearing side:- 450mm, Lintel (Head room):- 600mm
10	Emergency	1 Nos. (Crank Handle Operation)
11	Series of Photocells	1 Set
12	Wind Resistance	Class 2 - (upto 80 km/hr)
13	Soft Edge bottom patented system	Bottom made of shock proof polyester coated material, with anti-crash system including safety transmitter
14	Design	Self-supporting side guide rails made of 2.0-2.5mm thick galvanized steel material with precise bends and <u>self-repairing mechanism</u> . Closing zone area monitoring available through safety photocells and anti-crash device provided as standard. Hood cover and motor cover made of galvanized steel. Door is made in conformity with European Directive EN 13241-1:2003+A1:2011

15	Finish	Roller Assembly: Extruded aluminium anodize finish Hood Cover & Motor Cover: Painted (<i>RAL Shade to be provided by client</i>) Side Guides: Painted (<i>RAL Shade to be provided by client</i>)
16	Curtain Colour	Blue (Similar to RAL 5002)  <p>*other colours available on request, to be confirmed before drawing finalization</p>

All dimensions, unless otherwise specified, are in mm.



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