

**TOSHI AUTOMATIC SYSTEMS PRIVATE LIMITED**

D-132, 133/2 BSR Industrial Area, Ghaziabad Uttar Pradesh 201009

Phone: +91 9711186186

Email: info@toshiautomatic.com

Website: www.toshiautomatic.com

GST: 09AADCT8510E1ZF

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



**MOTORIZED ROLLING SHUTTER  
POLYCARBONATE TRANSPARENT CURTAIN WITH STAINLESS STEEL INTERLOCKS  
Model: IDM-RSPC MTR**

Identimatic Rolling Shutter in transparent Polycarbonate curtain is manufactured from single skinned slats in 10 Gauge material of 3mm thickness with flat structural shape, interlocked together by stainless steel (S.S.) rods. Their robust composition, along with superior aesthetics ensures safety and design value for commercial and retail applications. Designed to meet all requirements regarding technology, design and quality (**EC Declaration of Conformity for Industrial Door EN 13241-1:2003**) the principal characteristics being - secure handling, reliable action of opening and closing and a long life with minimal maintenance. Thanks to the rolling door technology which caters to space constraints, extremely easy for installation, resistant to continuous use, our doors are able to adapt to most types of architecture, especially long-span openings.




**I. Salient Benefits of Identimatic Rolling Shutters:**

- 1. Robust construction:** CE certified, built in conformity with Bureau of Indian Standards Directive IS 6248.
- 2. Durable operation:** High quality, direct and indirect drive units available for motorized shutter operation.

3. **Anti-crash protection system:** Enhanced safety features for external zone monitoring and closing zone monitoring optional.
4. **Convenient operation:** SS housing with integrated pulse control operation with additional operating options upon request.
5. **Adverse weather protection:** Premium quality polycarbonate interlocked laths to offer protection against strong wind loads of upto 60 km/hr.
6. **Heavy-duty guide rail system:** Specially engineered guide rail system for self-supporting construction, low noise operation and easy installation.
7. **Exemplary aesthetics:** Available in a range of finishing options, along with stylish guard covers for operator and roller spindle.
8. **High level of customization:** Design provision as per bespoke client requirements including provision of wicket door, grills, etc.

## II. Technical Specifications:

<u>Model</u>	<u>Make</u>	<b>Motorized IDM-RSPC Rolling Shutters in Polycarbonate Curtain interlocking S.S. rods, with Top Cover, Operator Guard, Three-Station Push Button &amp; CE Certified Indirect Drive Operator</b>
<b>IDM-RSPC (Motorized)</b>	<b>IDENTIMATIC – Toshi Automatic</b>	
Mounting Surface		RCC/M.S. Structure
Panel Type		IDM-RSGIDW 100
Profile Height		100mm
Shutter Curtain		The shutter curtain is constructed from single skinned P.C. laths, interlocked together through their entire length with S.S. rods and jointed together at the ends by end locks
Finish		Natural Finish (Polycarbonate) 
Material Thickness		3.0mm
Curtain Weight		~9 Kg/m <sup>2</sup>
Structural Shaped		Flat
Support Brackets		Mild Steel with one coat of anti-rust primer
Shaft/Roller Drum		Heavy-duty steel shaft manufactured from mild steel tube of suitable diameter and wall thickness to suit the shutter application and is unsprung
Finish		One coat of anti-rust primer by spray
Hood & Motor Cover		0.7mm thick CNC pressed galvanized steel hood box complete with re-enforced bracket as required to suit the shutter width
Finish		One coat of PU paint by spray

Bottom Profile	Heavy-duty bend resistant aluminium profile for additional strength. The bottom rail is fitted with specialized EPDM rubber bottom seal that will seal against the floor when door is fully closed
Finish	1 coat of PU paint by spray
Side Guides	Specially extruded aluminium side guides with rubber inserts for noiseless operation
Finish	One coat of PU paint by spray
<b>CE Certified Indirect Drive Operator</b>	
Drive Unit	In-Direct drive operator 230V/1P/N/50-60 Hz System power supply wired with industrial plug, push integrated in the housing lid of Stainless Steel
Control Switch	Three station push button for Open/Stop/Close operation with impulse control, allowing shutter to move on one press of the button.
Opening/Closing Speed	0.05 – 0.1 m/sec
Emergency Manual Operation	By means of chain connected with drive unit
IP Protection	IP 44

*Note: Motor comes with one unit push button switch & manual override chain system. Internal wiring from motor to push button (approx. 12 feet as standard) from motor position only. Customer to provide all power points to motor positions.*

