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## INDUSTRIAL ALUMINIUM ROLLER SHUTTERS

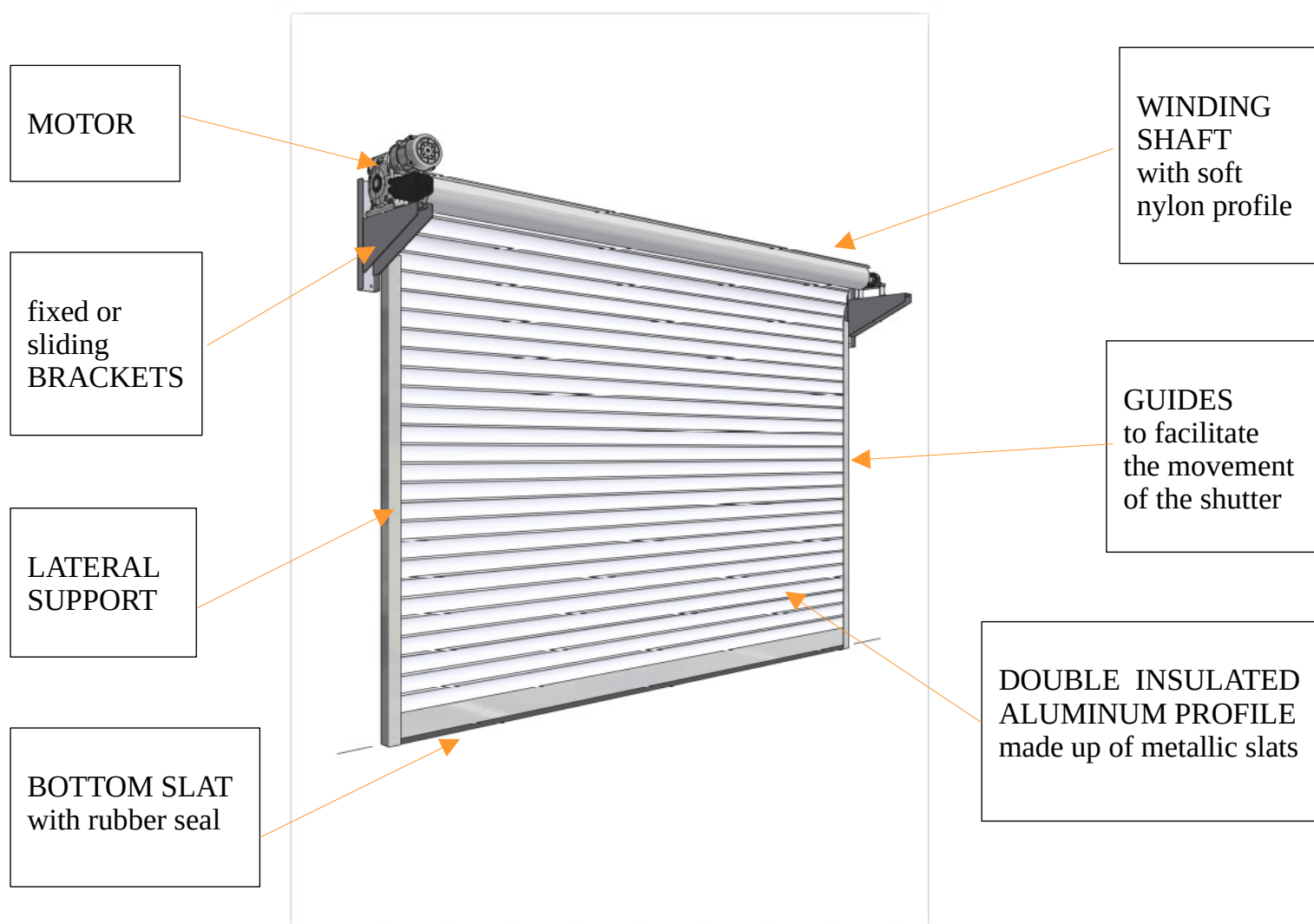


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Roller shutters are not only used in the commercial sector to close shops and sales outlets, but also in the industrial sector for warehouses and storerooms, guaranteeing functional and operational simplicity, rapid assembly, reliability and minimum space requirements. In addition, they allow minimal heat loss, ensure maximum savings in energy consumption and provide considerable sound insulation.



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## ROLLER SHUTTER DESCRIPTION

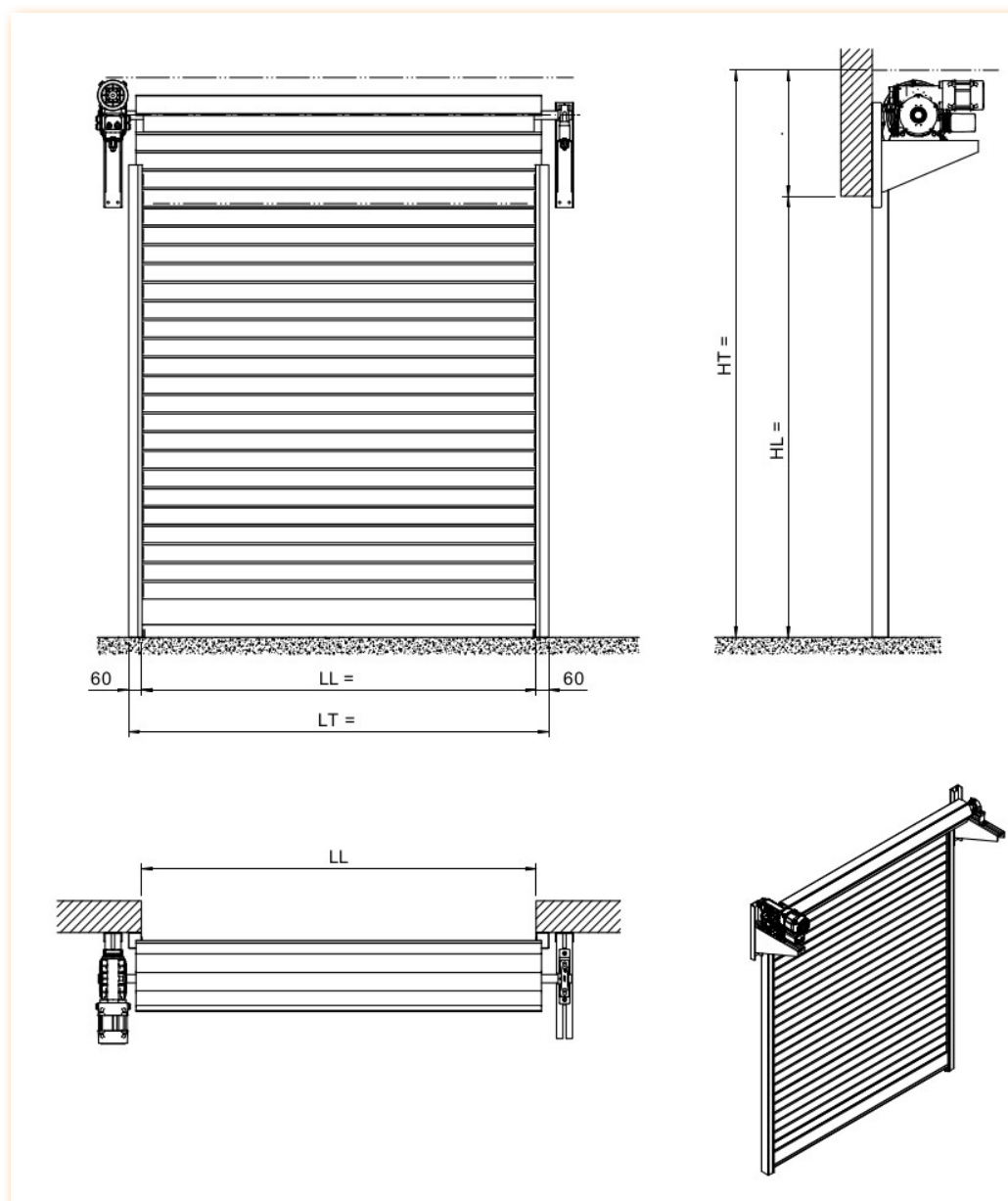
SHAFT	<ul style="list-style-type: none"> <li>with welded flanges on both sides to support the shaft itself</li> <li>with soft nylon brush profile for horizontal closure to protect against dust infiltration and water penetration</li> </ul>	
MOTOR	<ul style="list-style-type: none"> <li>three-phase self-braking motor with worm gearbox and a power proportional to the size of the shutter</li> <li>the movement of the metal slat panel takes place through the winding of the panel itself driven by the gearmotor which is lateral to the structure</li> </ul>	
GUIDES	<ul style="list-style-type: none"> <li>machine profiled</li> <li>material: galvanized or painted (optional)</li> </ul>	
END CAPS	<ul style="list-style-type: none"> <li>nylon components applied on each slats, tested for wear resistance and corrosion, to stop the profile</li> </ul>	
SLAT PANEL	<ul style="list-style-type: none"> <li>panel thickness: 18-20 mm</li> <li>aluminum thickness: 0.4 mm</li> <li>environmentally friendly polyurethane foam: to ensure thermal-acoustic insulation and absolute maintenance-free. Polyurethane foam of Kg. 60 m<sup>3</sup></li> <li>galvanized coating</li> <li>with nylon end caps applied to all slats wear- and corrosion-proof, applied to stop profile</li> <li>silent operation</li> <li>painting for high resistance to wear and tear, acid and salt rains</li> <li>possibility of insertion of portholes for natural passage of light</li> </ul>	

## PROFILE TECHNICAL SPECIFICATIONS

Wind resistance class:	Class 3	Thermal conductivity:	4,0 W/m <sup>2</sup> K
Sound reduction:	- 23 dB	Speed:	up to 0.25 m/s

## DIMENSIONS

Thanks to the compact winding system, industrial roller shutters take up little space, maximizing the available area.





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### **Industrial sector:**

Our roller shutters offer speed in movement and effective room separation, ensuring maximum security.



### **Commercial sector:**

Roller shutters provide security and functional protection for businesses, stores and warehouses.



### **Logistics sector:**

Safe, quick to open and durable, our roller shutters are the ideal solution for any type of building in order to facilitate internal logistics.



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## MOTORIZATION AND SAFETY

- Motorization with electronic limit switch
- Push-button panel: to control the movement of the roller shutter
- Cable with a length of 5 meters
- Crank handle: for manual movement of the motor
- Optional: chain lifting system from the ground
- Light curtain: in case of automatic opening of the roller shutter
- Dead-man function
- Emergency button: emergency stop device



*T500 control panel*

- Control panel with neutral
- Power supply: 400 Vac three-phase



*T600-S control panel*

- Control panel with inverter
- Power supply: 230 Vac single phase



## ACCESSORIES



### **LIGHT CURTAIN:**

detection of objects and people near the roller shutter ensuring maximum safety.



### **METAL-DETECTOR:**

a magnetic sensor inside the control panel that detects metallic objects.



### **BLINKER:**

to signal when the roller shutter is in motion.



### **REMOTE CONTROL:**

transmitters control one or more roller shutters by communicating to receivers inside the control panel.



### **RADAR:**

a sensor with microwave technology that detects movements and opens the roller shutter.

## COLORS



RAL 9006  
Silver (outside) /  
RAL 9010  
White (inside)

Additional colors are  
available on request.

## REGULATIONS

- In accordance with the provisions of the "Machinery Directive" no.2006/42, the roller shutter is supplied complete with the relevant CE Declaration of Conformity
- Compliance with EN 13241 "Industrial, commercial and garage doors and gates" standard.
- Maximum safety to avoid any injury to workers during opening and closing operations.