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GURDEEP

ROLLING SHUTTER PVT.LTD.

PRODUCT CATALOGUE

Industrial & Commercial Boom Barriers



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About Us

GRS Automation is a leading manufacturer and supplier of automated access solutions, specializing in industrial and commercial entrance systems. With innovation at our core, we provide smart, secure, and robust boom barriers and access control systems that meet global standards.

- Vision: To be the most trusted name in smart access solutions.
- Mission: To deliver quality, reliability, and excellence in every product.

Key Offerings:

- Industrial & Commercial Rolling Shutters
- Boom Barriers & Access Systems
- Industrial & Commercial Doors



Why Choose Us ?

- Heavy-duty motors for continuous operation
- Weather-resistant housing (IP rated)
- Rapid response time with low maintenance
- Integration with RFID, ANPR, Biometric & Remote Control
- Custom boom lengths available

ROD BOOM BARRIER



ROD BOOM BARRIER:

"Ensure smooth and secure vehicle access with our durable rod boom barriers – ideal for parking lots, gated communities, and commercial sites. Fast, reliable, and built to last in all weather conditions."

Technical Specifications :

Boom Length	Upto 2mtr
Boom Type	Aluminum Anodized Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

STRAIGHT BOOM BARRIER



STRAIGHT BOOM BARRIER:

"Reliable and efficient access control with a straight boom arm – perfect for tolls, parking areas, and secured entries. Fast operation, weatherproof build, and seamless integration with access systems."

Technical Specifications :

Boom Length	Upto 6mtr
Boom Type	Straight Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

ARM OUT BOOM BARRIER



ARM OUT BOOM BARRIER:

"Engineered for wide entrances and tight spaces, the arm-out boom barrier features a side-folding arm for smooth, space-efficient access control. Ideal for commercial and industrial gates with height or space constraints."

Technical Specifications :

Boom Length	Upto 4mtr
Boom Type	Arm Out Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

FOLDING BOOM BARRIER



FOLDING BOOM BARRIER:

"Smartly designed for low-ceiling or height-restricted areas, the folding boom barrier offers reliable access control with a space-saving, jointed arm. Perfect for basements, underground parking, and compact entry points."

Technical Specifications :

Boom Length	Upto 4mtr
Boom Type	Folding Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

TELESCOPIC BOOM BARRIER



TELESCOPIC BOOM BARRIER:

"Designed for extra-wide entrances, the telescopic boom barrier features an extendable arm that ensures maximum reach without compromising stability. Ideal for industrial zones, highways, and large commercial gates."

Technical Specifications :

Boom Length	Upto 6mtr
Boom Type	Telescopic Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

FENCE BOOM BARRIER



FENCE BOOM BARRIER:

"Enhanced security meets controlled access – the fence boom barrier features a mesh or grill-style arm that prevents pedestrians from slipping under. Ideal for high-security zones, toll booths, and restricted areas."

Technical Specifications :

Boom Length	Upto 6mtr
Boom Type	Fence Boom
Motor Type	Brushless DC motor (Non-spring)
Power Supply	220-240V
Working Temperature	-40 C ~ +60 C
Operating Cycle	Unlimited
Control Interface	Remote Control, Push Button
Safety Feature	Photocells
Optional Add-on	Key Switch, LED Light

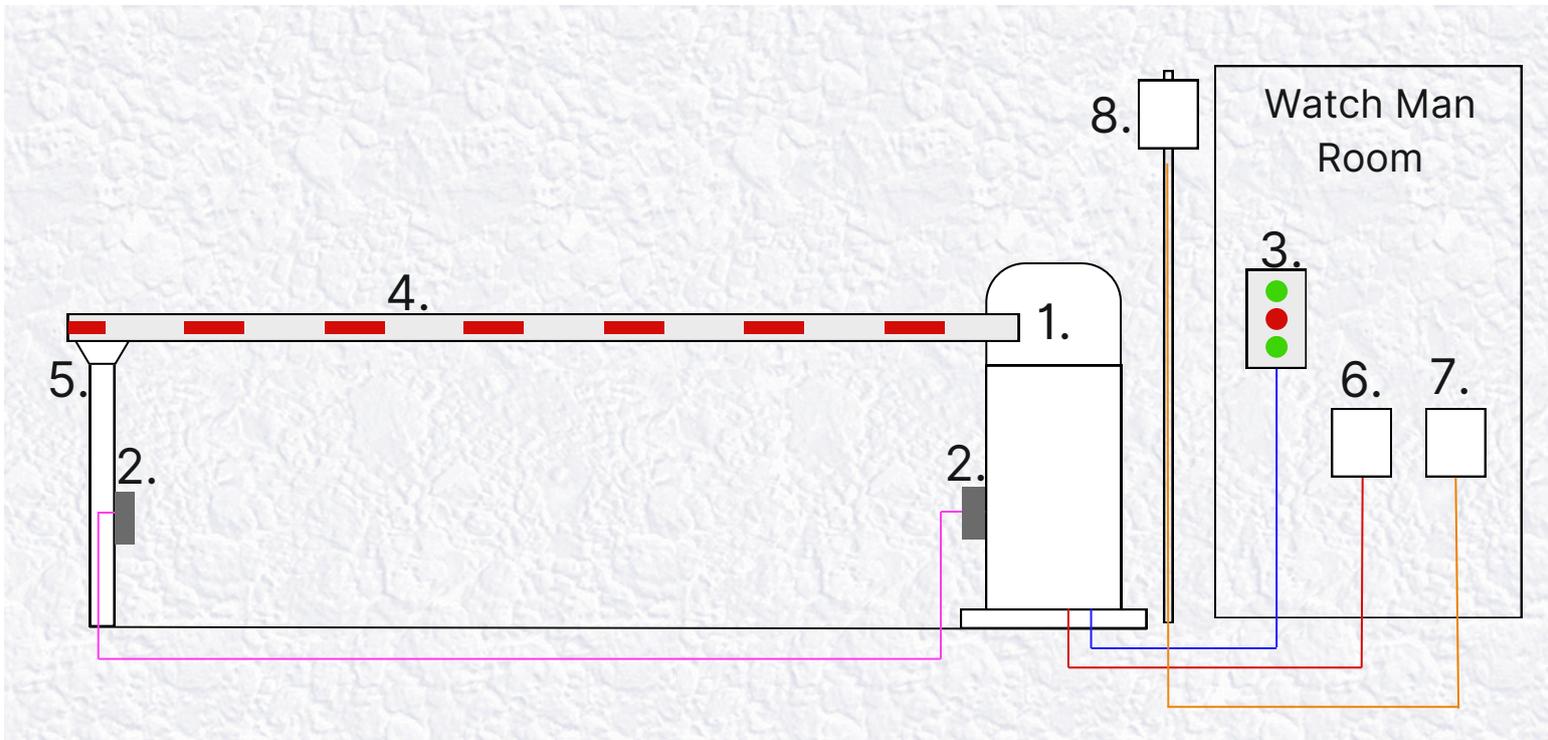
Drive Unit



Technical Specifications for Drive Unit:

Model	GRB113	GRBL18	GRB115A
Power Supply	220 - 240 V	180 - 265 V	220 - 240 V
Motor Power	BLDC 24 V / 60 W	BLDC 24 V / 240 W	BL DC 24 V / 200 W
RPM	1500 r/min	500 r/min	2000 r/min
Operating Cycle	5 Million	5 Million	3 Million
Housing Dimension	140*110*812mm	335*285*972mm	315*222*946mm
Weight	12Kg	45Kg	32 Kg
Protection Class	Ip54	Ip54	Ip54
Working Temperature	-40°C ~ + 60°C	-40°C ~ + 60°C	-35°C ~ + 70°C

BOOM BARRIER WIRING INSTRUCTION



S. NO.	ITEMS
1.	Barrier
2.	Photocell & Reflector
3.	Push Button
4.	Boom Stick
5.	Stick V-Holder
6.	MCP
7.	RFID Controller
8.	RFID Reader

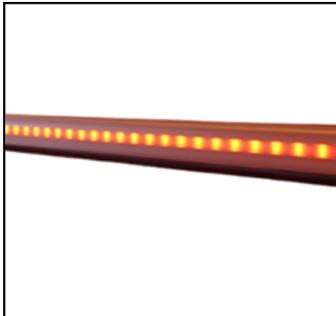
- 1.5 sq.mm 3core Wire
- 0.5 sq.mm 4core Wire
- 0.5 sq.mm 4core Wire
- CAT 6 Cable for RFID Control Box
- CAT 6 Cable for RFID Reader to Control Box

ACCESSORIES

Enhance Performance | Maximize Safety |
Customize Your Barrier System



Remote Set



LED Light



Push Button



Photocell



V-Holder



Signal Light



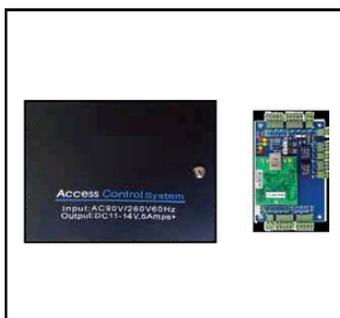
Infrared Beam



Alarm Flash Lamp



Battery Backup



RFID Controller



RFID Tag



RFID Reader



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