2M® TECHNOLOGY

TRAFFIC AND PARKING SOLUTIONS CATALOG

# PARKING LOT GATES

- Normal-speed of open/close (4~6 sec. only)
- Max. 4.5m/14.8' ft Single-Fence arm
- Dimensions: 330 x 345 x 950 mm/12.9" x 13.6" x 37.4" in.

MODEL	MOTOR
FENCE BAR	
2MAGB-NFN	Brushless
2MAGB-NFN-A	AC Turbine
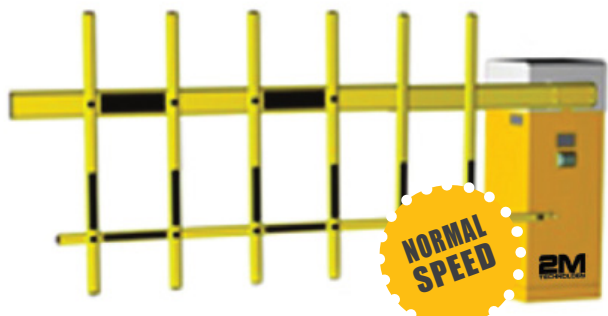
2MAGB-NF
Normal Speed Fence Barrier

NORMAL SPEED

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
		FENCE BAR
2MAGB-HFN	Brushless	- Normal-speed of open/close 2.5~3s - Max. 3m/9.8' ft single fence arm - Dimensions: 330 x 345 x 950 mm/ 12.9" x 13.6" x 37.4" in.
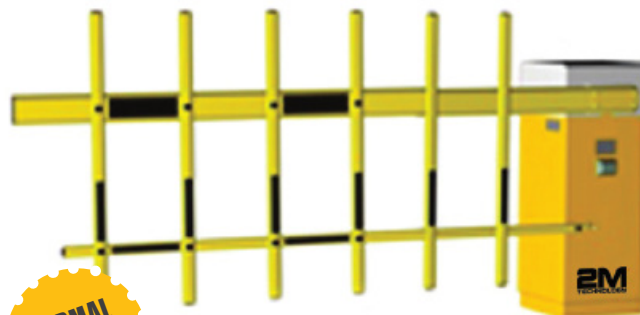
2MAGB-HF
Normal Speed Barrier
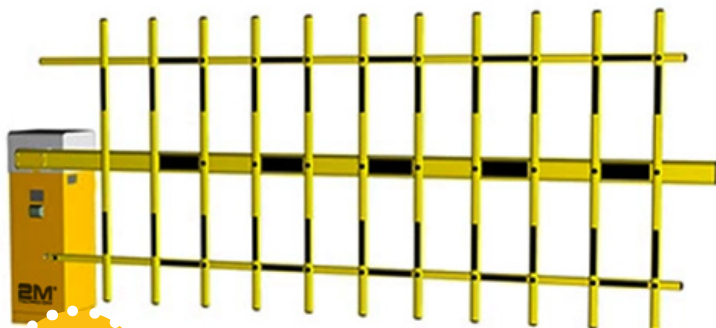
NORMAL SPEED

2MAGB-NFN-2
Normal Speed Barrier

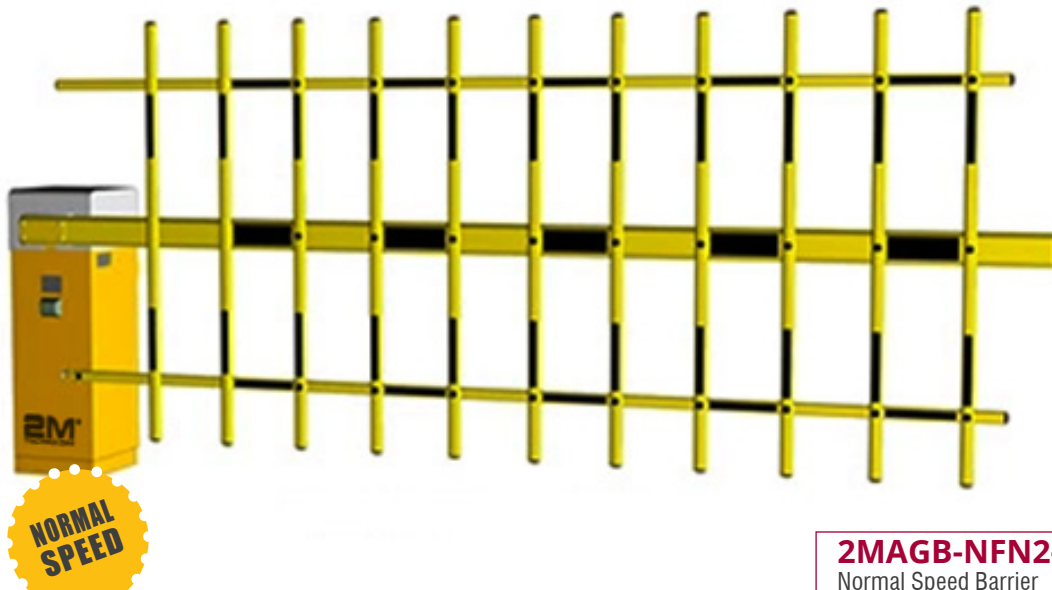| MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
		DOUBLE FENCE BAR
2MAGB-NFN2	Brushless	- Normal-speed of open/close (4~6 sec. only) - Max. 4m/13.1' ft double fence arm - Dimensions: 330 x 345 x 950 mm/ 12.9" x 13.6" x 37.4" in.

NORMAL SPEED

- Normal-speed of open/close: 2~6 sec. adjustable
- 2s/Max. 4m/13.1' ft arm
- 3s/Max. 4m/13.1' ft arm w/swing-off
- 3s/Max. 5m/16.4' ft arm w/o swing-off
- 4s/Max. 6m/19.7' ft arm w/o swing-off
- 330 x 345 x 950 mm/12.9" x 13.6" x 37.4" in.

2MAGB-NS
Normal Speed Barrier

MODEL	MOTOR
REGULAR BAR	
2MAGB-NSN	Brushless
2MAGB-NSN-A	AC Turbine
WITH LED BAR	
2MAGB-NSL	Brushless
2MAGB-NSL-A	AC Turbine

2MAGB-NFN2-A
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/MAX BAR LENGTH
DOUBLE FENCE BAR		

2MAGB-NFN2-A	AC Torque	- Normal-speed of open/close (2~4 sec. adjustable)
		- Max. Length:
		  2 sec/Max. 4m/13.1' ft arm
		  3 sec/Max. 4m/13.1' ft arm with swing-off
		  3 sec/Max. 5m/16.4' ft arm w/o swing-off
		  4 sec. / Max. 6m/19.7' ft arm w/o swing-off
		- Dimensions: 330 x 345 x 950 mm/
		12.9" x 13.6" x 37.4" in.

HIGH SPEED TOLL BARRIERS

2MAGB-HS
Normal Speed Fence Barrier

MODEL	MOTOR	
REGULAR BAR		

2MAGB-HSN	Brushless	- **High-speed of open/close: 0.9/1.5 sec. adjustable**
		- Octagonal straight arm with rubber bar, length following
		(or Max. 3m round arm):
		  - 0.9 sec./Max. 3m/9.8' ft
		  - 1.5 sec./Max. 3.5m/11.5' ft

2MAGB-HSN-A	AC Turbine	- **High-speed of open/close: 0.7/1.5 sec. adjustable**
		- Straight boom arm with rubber bar. Max. length
		  - 0.7 sec./Max. 3m/9.8' ft
		  - 1.5 sec./Max. 3.5m/11.5' ft

WITH LED BAR		

2MAGB-HSL	Brushless	- **High-speed of open/close: 0.7/1.5 sec. adjustable**
		- Straight boom arm with rubber bar Max. length
		  - 0.7 sec./Max. 3m/9.8' ft
		  - 1.5 sec./Max. 3.5m/11.5' ft

2MAGB-HSL-A	AC Turbine	- **High-speed of open/close: 0.7/1.5 sec. adjustable**
		- Straight boom arm with rubber bar Max. length
		  - 0.7 sec./Max. 3m/9.8' ft
		  - 1.5 sec./Max. 3.5m/11.5' ft
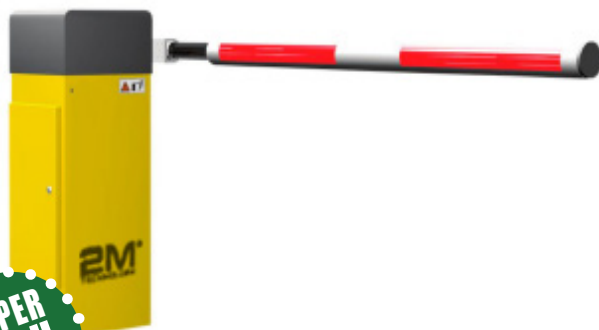
2MAGB-SHS
Normal Speed Fence Barrier

MODEL	MOTOR	
FASTER OPEN/CLOSE SPEED		

2MAGB-SHSN	Brushless	- **Super high-speed of open/close: 0.4~0.6 sec. adjustable**
		- Carbon fabric round arm with foam, length following:
		  - 0.4 sec./Max. 2m/6.6' ft
		  - 0.5 sec./Max. 2.5m/8.2' ft
		  - 0.6 sec./Max. 3m/9.8' ft

REGULAR BAR		
2MAGB-SHSN	Brushless	- **Super high-speed of open/close: 0.3 sec.** - Max. 2.6m/8.5' ft carbon fabric round arm with foam

NORMAL SPEED

2MAGB-NC
Normal Speed Barrier

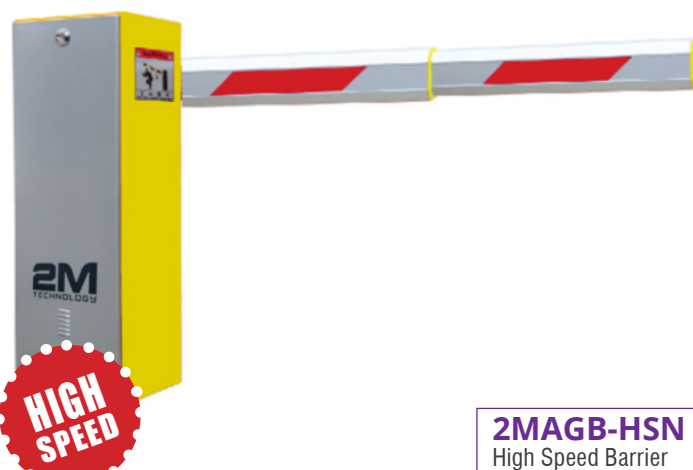| MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-NCN	Brushless	- Normal-speed of open/close: 2~6 sec. adjustable - Octagonal crank arm with rubber bar, Max. 3.5m round arm - 2~3 sec./Max. 4m/13.1' ft - 4~6 sec. /Max. 5m/16.4' ft
2MAGB-NCN-A	AC Turbine	- **Normal-speed of open/close: 2~4 sec. adjustable** - Crank arm with rubber bar, Max. length: - 2 sec./Max. 3m/9.8' ft - 3 sec./Max. 4m/13.1' ft - 4 sec./Max. 4.5m/14.8' ft
WITH LED BAR		
2MAGB-NCL	Brushless	- **Normal-speed of open/close: 2~6 sec. adjustabl**e - Octagonal crank arm with rubber & LED light bar, length following (or Max. 3.5m round arm): - 2~3 sec./Max.4m/13.1' ft - 4~6 sec./Max.5m/16.4' ft

NORMAL SPEED

2MAGB-HC
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-HCN	Brushless	- **Normal-speed open/close: 1s** - Max. 3.5m/11.5' ft octagonal crank arm with rubber bar (or Max. 3.5m/11.5' ft round arm)
WITH LED BAR		
2MAGB-HCL	Brushless	- **Normal-speed open/close: 1s** - Max. 3.5m/11.5' ft octagonal crank arm with rubber & LED light bar (or Max.3.5m/11.5' ft round arm)

ECONO BARRIER GATES

2MAGB-NSL
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		

2MAGB-NSL-E	AC Turbine Vortex Pole	- **Normal-speed of open/close: 3/6s**
		- Straight arm with rubber bar (telescopic arm optional), Max. length:
		  - 3 sec./Max. 4.5m/14.7' ft
		  - 6 sec./Max. 6m/19.7' ft

2MAGB-HSN
High Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-HSN-E	AC Turbine Vortex Pole	- **High-speed of open/close: 2s** - Max. 4m/13.1' ft straight arm with rubber bar (telescopic arm optional)

2MAGB-NSN-E
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		

2MAGB-NSN-E	AC Turbine Vortex Pole	- **Normal-speed of open/close: 3/6s**
		- Straight arm with rubber bar (telescopic arm optional), Max. length:
		  - 3 sec./Max. 4.5m/14.8' ft
		  - 6 sec. /Max. 6m/19.7' ft

HIGH SPEED

2MAGB-HCN-E
High Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-HCN-E	AC Turbine Vortex Pole	- **High-speed of open/close: 3s** - 90 degree Crank arm with rubber bar, max. length 4.5m/14.7' ft

NORMAL SPEED

2MAGB-NCN-E
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-NCN-E	AC Turbine Vortex Pole	- **Normal-speed of open/close: 6s** - 90 degree crank arm with rubber bar, max. length 6m/19.7' ft

NORMAL SPEED

2MAGB-NFN2-E
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-NFN2-E	AC Turbine Vortex Pole	- **Normal-speed of open/close (4~6 sec. only)** - Max. 4m/13.1' ft 2-Fence arm

NORMAL SPEED

2MAGB-NFN-E
Normal Speed Barrier

MODEL	MOTOR	OPEN/CLOSE TIME/ MAX BAR LENGTH
REGULAR BAR		
2MAGB-NFN-E	AC Turbine Vortex Pole	- **Normal-speed of open/close (4~6 sec. only)** - Max. 4.5m/14.8' ft Single-fence arm

TRAFFIC SAFETY

2MHB
Hydraulic Rising Bollard

MODEL	CYLINDER	RISING TIME	FLANGE DIAM.	FLANGE THICKNESS	IMPACT TEST	DIMENSIONS (LxWxH) mm/ft
2MHB-606	6mm	3.8 s	400mm	38mm	—	400 x 1150 (mm) / 1.3 x 3.8 (ft) *Intercept Height:* 600mm/ 23.6"in
2MHB-6010	10mm	3.8 s	400mm	38mm	1500KGS/100KMH, P1	400 x 1150 (mm) / 1.3 x 3.8 (ft) *Intercept Height*: 600mm / 23.6" in
2MHB-601058	10mm	3.8 s	470mm	58mm	—	470 x 1200 (mm) / 1.5 x 3.9 (ft) *Intercept Height*: 600mm/2.2" in
2MHB-60	10mm	1.8 s	440mm	58mm	—	440 x 1150 (mm) / 1.4 x 3.8 (ft) *Intercept Height*: 600mm/ 2.2" in
2MHB-100	30mm	4-6s	500x815 (mm)	100mm	6800KGS/80KMH	500 x 1500 (mm) / 1.6 x 3.8 (ft) *Intercept Height*: 1000mm/ 39.3" in

2MTK
Tire Killer Speed Bump

MODEL	DIMENSIONS (LxWxH) mm/ft
2MTK-13	4000 x 500 x 63 (mm) Intercept Height: 55mm / 13.1" x 1.6" x 0.2" (ft) Intercept Height: 2.2" in
2MTK-17	5000 x 500 x 63 (mm) Intercept Height: 55mm / 16.4" x 1.6" x 0.2" (ft) Intercept Height: 2.2" in
2MTK-20	6000 x 500 x 63 (mm) Intercept Height: 55mm / 19.7" x 1.6" x 0.2" (ft) Intercept Height: 2.2" in
2MTK-23	7000 x 500 x 63 (mm) Intercept Height: 55mm / 22.9" x 1.6" x 0.2" (ft) Intercept Height: 2.2" in
2MTK-26	6000 x 500 x 63 (mm) Intercept Height: 55mm / 26.2" x 1.6" x 0.2" (ft) Intercept Height: 2.2" in
CABINET	456 x 360 x 708 (mm) / 18" x 14.2" x 27.9" (in)

2MRB
Hydraulic Road Blocker

MODEL	DIMENSIONS (LxWxH) mm/ft	INTERCEPT WIDTH
2MRB-10	3180 x 1260 x 880 (mm) / 10.4 x 4.1 x 2.9 (ft)	3000mm / 9.8ft
2MRB-13	4180 x 1260 x 880 (mm) / 13.7 x 4.1 x 2.9 (ft)	4000mm / 13.1ft
2MRB-17	5180 x 1260 x 880 (mm) / 16.9 x 4.1 x 2.9 (ft)	5000mm / 16.4ft
2MRB-20	6180 x 1260 x 880 (mm) / 20.3 x 4.1 x 2.9 (ft)	6000mm / 19.7ft
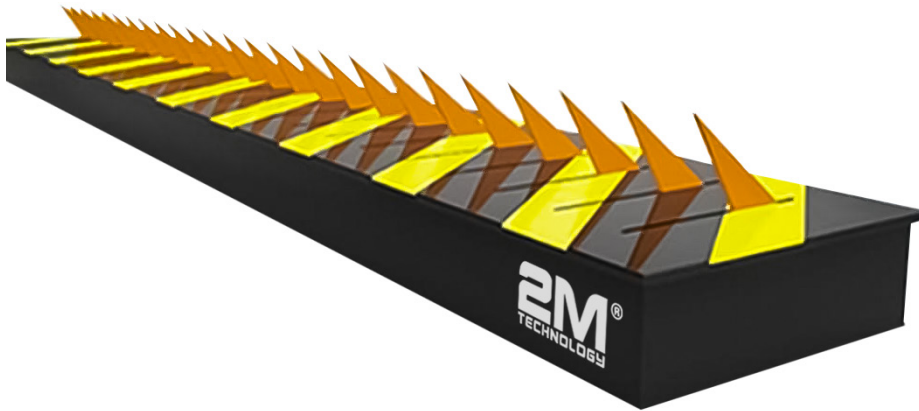
2MTK
In-ground Tire Killer Road Spike

MODEL	RISING TIME	SPIKE DISTANCE	SPIKE THICKNESS	DIMENSIONS (LxWxH) mm/ft
2MIGTK-13	≤ 1s	125mm	10mm	4000 x 400 x 83 (mm) Intercept Height: 110mm / 13.1' x 1.3' x 0.3' (ft) Intercept Height: 0.4" in
2MIGTK-17	≤ 1s	125mm	10mm	5000 x 400 x 83 (mm) Intercept Height: 110mm / 16.4' x 1.3' x 0.3' (ft) Intercept Height: 0.4" in
2MIGTK-20	≤ 1s	125mm	10mm	6000 x 400 x 83 (mm) Intercept Height: 110mm / 19.7' x 1.3' x 0.3' (ft) Intercept Height: 0.4" in
2MIGTK-23	≤ 1s	125mm	10mm	7000 x 400 x 83 (mm) Intercept Height: 110mm / 23' x 1.3' x 0.3' (ft) Intercept Height: 0.4" in
2MIGTK-26	≤ 1s	125mm	10mm	8000 x 400 x 83 (mm) Intercept Height: 110mm / 26.2' x 1.3' x 0.3' (ft) Intercept Height: 0.4" in
Controller Cabinet	600 x 350 x 400 (mm) / 3.3' x 13.8' x 15.7' (ft)			

UNDER VEHICLE INSPECTION

**Operations Control System**
VMS with Display Monitor

Side rubber bumps to
slow down vehicles

2MUVS-C
Under Vehicle Inspection System

MODEL	DIMENSIONS (LxWxH) mm/ft
2MUVS	- Portable and easy/quick installation
	- Advanced linear CCD scanning technology
	- High resolution complete color image of under the vehicle
	- IP68 Weather proof scanning unit
	- Anti-fog function
	- Multilingual Graphic User Interface (GUI)
	- Option: Automated License Plate Reader (ALPR)
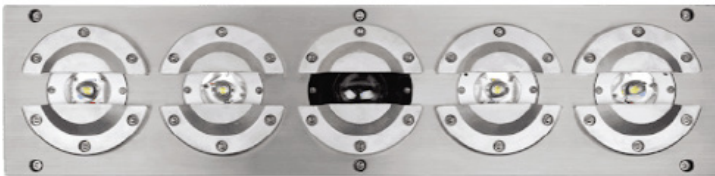
2MPUVS
Under Vehicle Portable Inspection System

MODEL	DIMENSIONS (LxWxH) mm/ft
2MPUVS	-Embeded Color Scanning unit
	- Induction Loop
	- Distribution Box
	- Operation console with computer and monitor
	- Image software
	- Capture Camera (1 piece)

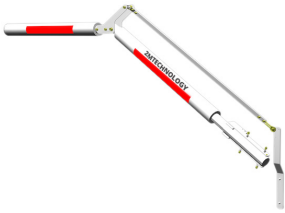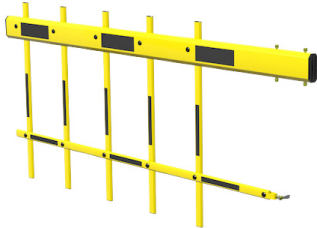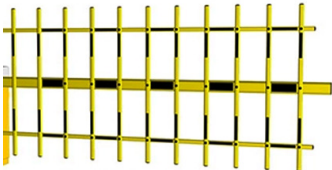| IMAGE	MODEL	SPECIFICATION
	2MSBR	Straight boom arm without LED bar,with rubber profile+ reflective stripe sticker+ plastic cap
	2MSBRL	Straight boom arm with LED bar,with rubber profile, reflective stripe sticker and plastic cap
	2MSBP	Straight boom arm without LED bar,with rib and rubber profile, reflective stripe sticker and plastic cap
	2MSBPL-1	Straight boom arm without LED bar,with rib, rubber profile, reflective stripe sticker and plastic cap
	2MSBPL-2	Straight boom arm with LED bar, with rubber profile,with reflective stripe sticker, with plastic cap
	2MSBPL-3	Straight boom arm with LED bar, with rubber profile,with reflective stripe sticker, with plastic cap

IMAGE	MODEL	SPECIFICATION
	2MSBF-2	Straight round boom arm with foam, reflective stripe sticker and plastic cap. Must be equipped with swing-off module
	2M3MCB-SHSN	*Product specific - made for 2MAGB-SHSN barrier only.* Made with 3m/9.8' ft carbon fabric round boom arm with foam, reflective stripe sticker and plastic cap. It must be equipped with swing-off module
	2M2MCB-SHSN	*Product specific - made for 2MAGB-SHSN barrier only.* Made with 2m/6.6' ft carbon fabric round boom arm with foam, reflective stripe sticker and plastic cap. It must be equipped with main
	2MCB-O	Octagonal crank boom arm. Includes octagonal crank arm and connecting kit for limited ceiling height barriers
	2MCB-R	Round crank boom arm. Includes round crank arm and connecting kit for limited ceiling height barriers

IMAGE	MODEL	SPECIFICATION
	2MSFB	Single fence boom arm Includes fence arm and connecting device
	2MDFB	Double fence boom arm Includes fence arm and connecting device

AC TURBINE ACCESSORIES

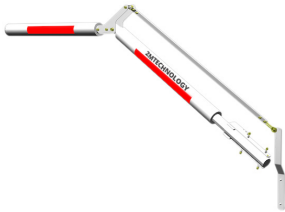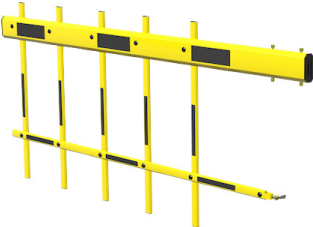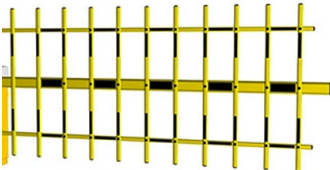| IMAGE	MODEL	SPECIFICATION
	2MSBR-A	Straight boom arm without LED bar,with rubber profile+ reflective stripe sticker+ plastic cap
	2MSBRL-A	Straight boom arm with LED bar,with rubber profile+ reflective stripe sticker+ plastic cap
	2MSBP-A	Straight boom arm without LED bar,with rib +rubber profile+ reflective stripe sticker+ plastic cap
	2MSBPL-1-A	Straight boom arm without LED bar,with rib +rubber profile+ reflective stripe sticker+ plastic cap
	2MSBPL-2-A	Straight boom arm with LED bar , with rubber profile,with reflective stripe sticker, with plastic cap
	2MSBPL-3-A	Straight boom arm with LED bar, with rubber profile,with reflective stripe sticker, with plastic cap

IMAGE	MODEL	SPECIFICATION
	2MSBF-2-A	Straight round boom arm with foam, reflective stripe sticker and plastic cap. Must be equipped with swing-off module
	2M3MCB-SHSN-A	*Product specific - made for 2MAGB-SHSN barrier only.* Made with 3m carbon fabric round boom arm with foam, reflective stripe sticker and plastic cap. It must be equipped with swing-off module
	2M2MCB-SHSN-A	*Product specific - made for 2MAGB-SHSN barrier only.* Made with 2m/6.6' ft carbon fabric round boom arm with foam, reflective stripe sticker and plastic cap. It must be equipped with main
	2MCB-O-A	Octagonal crank boom arm. Includes octagonal crank arm and connecting kit for limited ceiling height barriers
	2MCB-R-A	Round crank boom arm. Includes round crank arm and connecting kit for limited ceiling height barriers

IMAGE	MODEL	SPECIFICATION
	2MSFB-A	Single fence boom arm Includes fence arm and connecting device
	2MDFB-A	Double fence boom arm Includes fence arm and connecting device

Straight Boom

MODEL	SPECIFICATION
2MSBR-3-E	Straight boom arm with red rubber, without LED bar, ≤3m/9.8' ft
2MSBR-6-E	Straight boom arm with red rubber, without LED bar, 3m/9.8' ft < Length ≤6m/19.7' ft
2MSBL-3-E	Straight boom arm without red rubber & LED bar, ≤ 3m/9.8' ft
2MSBL-6-E	Straight boom arm without red rubber & LED bar, 3m/9.8' ft < Length ≤6m/19.7' ft
2MSBRAW-E	Straight boom arm with red rubber, with air wave switch, without LED bar

Telescopic Boom

MODEL	SPECIFICATION
2MSTL-3-E	Straight telescopic boom arm without rubber & LED bar, ≤3m/9.8' ft
2MSTL-6-E	Straight telescopic boom arm without rubber & LED bar, 3m/9.8' ft < Length ≤ 6m/19.7' ft

Limited Ceiling Boom

MODEL	SPECIFICATION
2MLCBC-E	Limited ceiling crank boom arm. includes crank arm and connecting device used in applications such as basement parking or situations with limited ceiling height
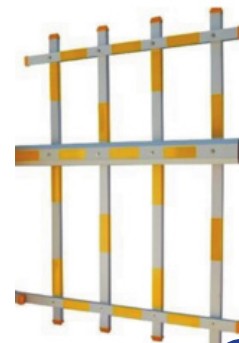
Fence Boom

MODEL	SPECIFICATION
2MSFBA-E	Single-fence boom arm. Includes fence arm & connecting device Sold per meter.
2MDFBA-E	2-fence boom arm. Includes double fence arm & connecting device Sold per meter.

2M® TECHNOLOGY