



**10 Years Guaranteed
availability of Original
& Genuine Parts**

**Designed in Italy
100% make in India**

MOSFITM 



**India's No 1 Manufacturer of Entrance Automation Product
100 % **Make** in **India** Product**

Automatic Boom Barrier
SMART SERIES

www.mosfi.in | www.alaskagroup.in

Features of Mosfi Smart Series Boom Barriers

- ★ 100% Duty cycle Machine (No Need for rest).
- ★ Suitable for large Housing societies, tolls, Parking Areas Industries, Private & Govt. assets.
- ★ Highly operation of the machine during heavy/high traffic.
- ★ Smart series machine consume lower level of energy during operate.
- ★ Manual Release in case of power failure.
- ★ Triple layer quality test of machine.

- ★ Auto close mode of the machine can be programmed through the Controller.

- ★ Highly Compact in size has an extremely silent operation.

- ★ Compatible with Sun Power.

- ★ Smart Series Machine is powder coated Scratch proof resistant to harsh weather condition for life long Machine.

- ★ Integration possible with wide ranges of accessories and (well Known brand) any access control system.

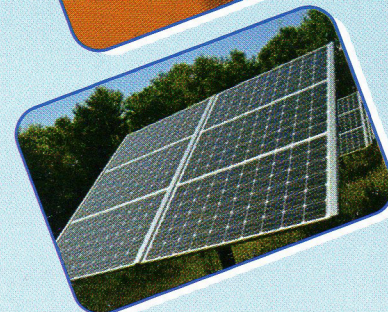
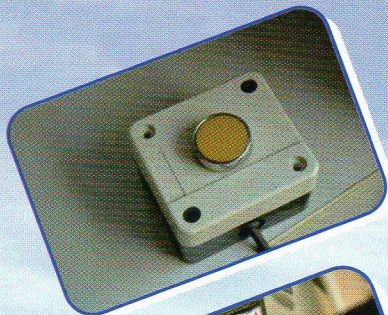
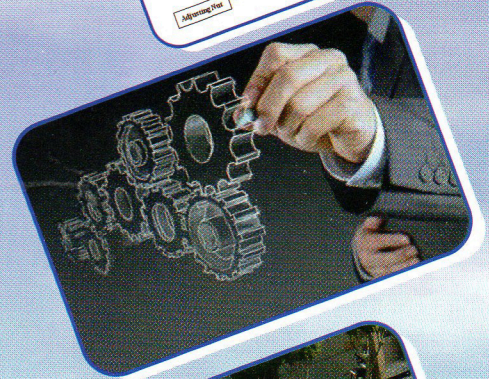
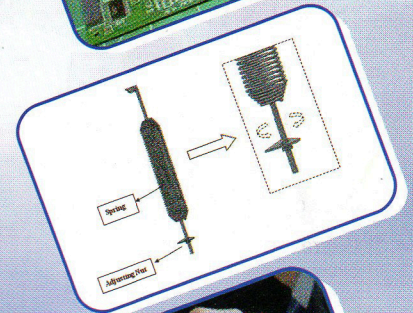
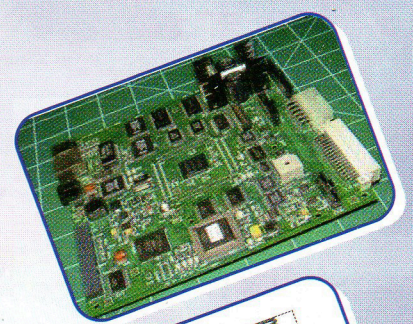
- ★ Smart series machine consume lower level of energy during operate.

- ★ Interchangeable machine (can be installed both right/left operations).

- ★ Spring Balance mechanism for make it more fluent.

- ★ Robust Designed Gear System for regular and long life operation.

- ★ Boom Arm With reflective Strips And Powder coated boom for better visibility.



TECHNICAL SPECIFICATION OF MOSFi SMART SERIES ELECTROMECHANICAL BOOM BARRIER

MODEL NO	SMA-303	SMA-304	SMA-306
Vehicle passage width	10 foot	14 foot	20 foot
MATERIAL	MILD STEEL	MILD STEEL	MILD STEEL
Open/close time	2-4 sec	3-5 sec	5-7 sec
Paint	Powder coated	Powder coated	Powder coated
Duty cycle	Highly intensive	Highly Intensive	Highly intensive
Operation through	Remote/Switches/all access system/manual	Remote/Switches/all access system/manual	Remote/Switches/all access system/manual

ELECTRONICS/ELECTRICAL/MECHANICAL SPECIFICATIONS

CONTROLLER	Microprocessor based	Microprocessor based	Microprocessor based
LIMIT SWITCHES CONTROLLER	✓	✓	✓
LED BOOM	✗	✗	✗
MOTHER BOARD	FR-458 SERIES	FR-458 SERIES	FR-458 SERIES
COUNTER	✗	✗	✗
POWER SUPPLY UNIT	24.0 Volts/5 amp 220 AC	24.0 volts/5 amp	24.0 volts/5 amp
MOTOR TYPE	AA 3403-24V DC SERVO MOTOR	AA 3403-12V DC SERVO MOTOR	AA 3403-24V DC SERVO MOTOR
RATED TORQUE%	100 %	100 %	100 %
MOTOR RATED SPED	700 RPM	700 RPM	700 RPM
MOTOR RATED CURRENT	4.20 Amps	4.20 Amps	4.20 Amps
CONTD RATED TORQUE	80.0 Ncm	80.Ncm	80.0 Ncm
ARM REST RT	2.53 Ohms	2.53 ohms	2.53 ohms
GEARS	Moderate with aluminum & mild steel	Moderate with aluminum & mild steel	Moderate with aluminum & mild steel
OIL FILLED CHAMBERS	NLGI3 with lithium thickener	NLGI3 with lithium thickener	NLGI3 with lithium thickner
BOOM CONTROL	(SPRING MMECHANISM)	(SPRING MMECHANISM)	(SPRING MMECHANISM)
BOOM ARM MATERIAL	ALMUNIU(OCTOGONAL BOOM)	ALMUNIU (OCTOGONAL BOOM)	ALMUNIU (OCTOGONAL BOOM)

GENERAL SPECIFICATIONS

COMPATIBLE WITH SUNPOWER	✓	✓	✓
COMPATIBLE WITH ACCESS CONTROL	✓	✓	✓
COMPATIBLE WITH all safety devices(SAFETY SENSOR, LOOP DETECTOR	✓	✓	✓
MANUAL RELEASE	✓	✓	✓
BOOM JACKET	✗	✗	✗
BOOM STAND	✓	✓	✓
BASE PLATE	✓	✓	✓
REFLECTIVE STRIPS	✓	✓	✓
PROTECTION	WATER PROOF	WATER PROOF	WATER PROOF
REMOTE DISTANCE	15 Mtr	15Mtr	15Mtr
TEMPRATURE	-10 to +55 deg Celsius	-10 to +55deg Celsius	-10 to +55deg Celsius
SOUNDER/ BLINKING LIGHT /TRAFFIC LIGHT SUPPORT	✓	✓	✓
BOOM MOVEMENT (LEFT/RIGHT)	INTERCHANGEBLE	INTERCHANGEBLE	INTERCHANGEBLE