

# MOOVI SERIES

## ELECTROMECHANICAL OPERATOR FOR ROAD BARRIERS



**UL 325  
COMPLIANT**

**24V**



### • A MODEL FOR EVERY NEED.

→ Available in two versions, for both 120V AC and 24V DC.  
Openings from 10' (3 m) to 16'6" (5 m) and speeds from 2,5 to 8 s.  
→ Can be equipped with a wide range of accessories.

### • SMART TECHNOLOGY.

→ Internal cool-down system.  
→ Fast release with personalised key.  
→ Pre-drilled frame to allow simpler installation of the accessories.  
→ New heater is available for use in cold environment.

REFERENCE	DESCRIPTION	VOLTAGE	BOOM LENGTH
P940026 00004	MOOVI 30 UL/CSA	120 V	up to 10' (3 m)
P940028 00004	MOOVI 50 UL/CSA	120 V	up to 16'6" (5 m)
P940035 00001	MOOVI 30 BT	24 V	up to 10' (3m)
P940036 00001	MOOVI 50 BT	24 V	up to 16'6" (5 m)

TECHNICAL FEATURES				
	MOOVI 30	MOOVI 50	MOOVI 30 BT	MOOVI 50 BT
CONTROL PANEL	RIGEL 4 VIR (incorporated)	RIGEL 4 VIR (incorporated)	LIBRA C MO 30 50	LIBRA C MO 30 50
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible	irreversible	irreversible
POWER SUPPLY	120 V, 60 Hz single-phase	120 V, 60 Hz single-phase	24V	24V
ABSORBED POWER	0.4 hp (300 W)	0.4 hp (300 W)	0.4 hp (300 W)	0.4 hp (300 W)
THERMAL PROTECTION	integrated	integrated	integrated	integrated
OPENING OR CLOSING TIME	4 s	8 s	2 s	3,5 s
LOCK	mechanical opening/closing	mechanical opening/closing	mechanical opening/closing	mechanical opening/closing
LIMIT SWITCHES	electric, incorporated, adjustable	electric, incorporated, adjustable	electronic opening/closing	electronic opening/closing
MANUAL RELEASE	fast release with personalised key	fast release with personalised key	fast release with personalised key	fast release with personalised key
OPERATING CYCLE	intensive use	intensive use	intensive use	intensive use
ENVIRONMENTAL CONDITIONS	from 14°F (-10°C) to 130°F (+55°C)	from 14°F (-10°C) to 130°F (+55°C)	from 14°F (-10°C) to 130°F (+55°C)	from 14°F (-10°C) to 130°F (+55°C)
DEGREE OF PROTECTION	IP24	IP24	IP54	IP54
OPERATOR WEIGHT WITHOUT THE ROD	80 lbs (~36 kg)	80 lbs (~36 kg)	80 lbs (~36 kg)	80 lbs (~36 kg)
DIMENSIONS	see drawing next page	see drawing next page	see drawing next page	see drawing next page
FUSE VALUES RIGEL 4 VIR	F1= 5A F, F2=0.2A T, F3=2A T	F1= 5A F, F2=0.2A T, F3=2A T	F1= 5A F, F2=0.2A T, F3=2A T	F1= 5A F, F2=0.2A T, F3=2A T
FUSE VALUES LIBRA CMO	F1= 2A T, F2=1A T	F1= 2A T, F2=1A T	F1= 2A T, F2=1A T	F1= 2A T, F2=1A T

Calculating the maximum boom length of MOOVI30 and MOOVI50 road barriers based on the accessories installed.

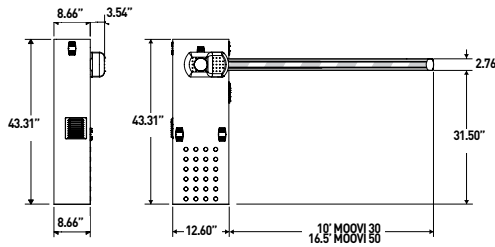
Boom ELL3 o ELL5	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom	boom
SB	+SB	+SB	+SB									+SB	+SB	+SB							
PCA (only above the boom)	+PCA	+PCA		+PCA	+PCA		+PCA	+PCA				+PCA	+PCA		+PCA	+PCA		+PCA	+PCA		
PCA (under and above the boom)									+PCA	+PCA									+PCA	+PCA	
KIT LIGHT and KIT LIGHT 1	+LIGHT			+LIGHT			+LIGHT		+LIGHT			+LIGHT			+LIGHT			+LIGHT		+LIGHT	
MOOVI GA or MOOVI GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA	+GA GAMA										
Driveway MOOVI 30	6'3"	6'3"	6'7"	7'7"	7'11"	8'10"	8'10"	8'2"	8'6"	9'6"	7'3"	7'3"	7'7"	8'6"	8'10"	9'2"	9'10"	9'10"	9'6"	9'10"	9'10"
Driveway MOOVI 50	10'10"	10'10"	11'6"	12'10"	13'2"	13'9"	15'1"	15'9"	14'5"	14'9"	16'6"	11'10"	11'10"	12'2"	14'1"	14'5"	15'1"	16'6"	16'6"	15'9"	16'6"

**Example MOOVI 30:** boom + SB + PCA + LIGHT + GA = boom Max. ELL3 6'3"

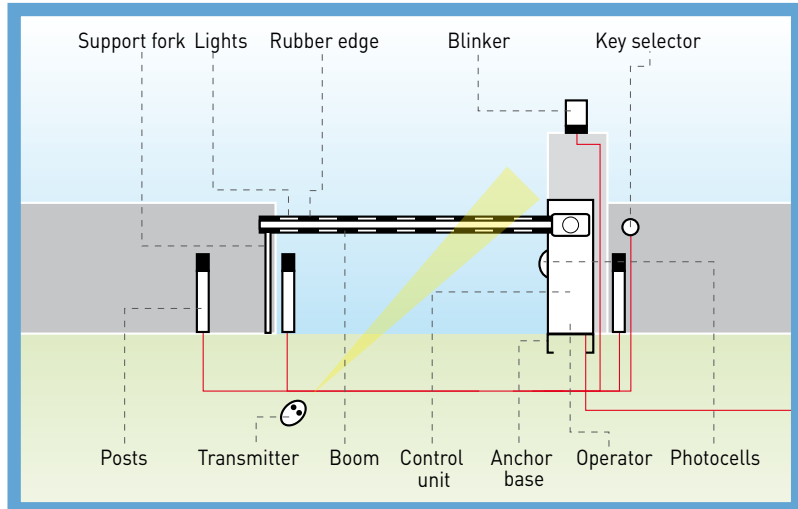
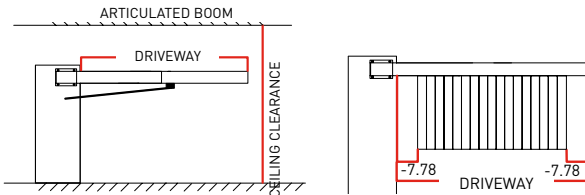
**Example MOOVI 50:** boom + SB + PCA + LIGHT + GA = boom Max. ELL5 10'10"



## DIMENSIONS



## WHEN ORDERING INDICATE THE WORKING PASSAGEWAY



## ACCESSORIES



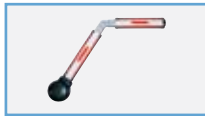
**N728020**  
**ELL 3 10 FEET (3m)**  
10' (3m) boom.



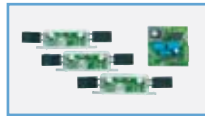
**N728021**  
**ELL 5 16,5 FEET (5m)**  
16'6\" (5m) boom.



**P120004 - KIT MOOVI PRM**  
Kit to protect hands from shearing.



**N728029 - MOOVI ART 90**  
90 degree articulation for boom for Moovi 30 & 50. Max opening 12'5\" (3.8m). Boom not included and not assembled



**P120001 00001**  
**KIT MOOVI LIGHT**  
Lighting Kit for 10' (3m) booms. To be used in combination with the MOOVI PCA Kit



**P120001 00002**  
**KIT MOOVI LIGHT1**  
Lighting Kit for 16'6\" (5m) booms. To be used in combination with the MOOVI PCA Kit



**P120003 00001 - PCA 3**  
Boom upper and lower rubber profile for ELL3.



**P120003 00002 - PCA 6**  
Boom upper and lower rubber profile for ELL6.



**D730251 - CBO**  
MOOVI anchor base.



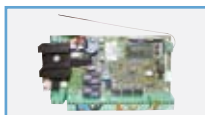
**D730088 - FAF**  
Fixed bar rest fork.



**D940008 - MOOVI GA**  
Movable boom rest rod



**D573003 - SB**  
Boom fence. It cannot be installed on MOOVI 30



**D111798 00016 - LIBRA CMO**  
Replacement board for Moovi 30 BT & 50 BT



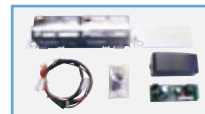
**D113236 00005 - RIGEL 4 VIR**  
Replacement board for Moovi 30 & 50



**D121458 - PARKY LIGHT**  
Traffic light.



**KED113731 - ECOSOL KIT**  
Interface, solar panel and 15' of panel cable for running BFT control panels off 24V solar power. Includes two 12V 7.2Ah batteries and circuit board for management of commands to control panel and battery charge management, with built-in Rolling Code 433.92 MHz receiver with 63 stored positions. Features carry handle for possible quick-charging of batteries from electrical power outlet through ECOSOL CHARGER accessory.



**P120017 - MOOVI BAT**  
Battery back-up for MOOVI BT



**P111376 - SCS 1**  
Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



**P120018 - THERMO**  
Heater and accessories for MOOVI, MOOVI BT and MICHELANGELO for temperatures down to -40°F (-40°C)