**MICHELANGELO SERIES**

**ROAD BARRIERS**

- **A MODEL FOR EVERY NEED.**
  - Possibility of closing passages up to 8 m.

- **SMART TECHNOLOGY.**
  - Electronic adjustment of the limit switches.
  - The new position of the control panel makes it possible to operate in a vertical position.

- **SAFE USE.**
  - The barrier features a very stout structure to guarantee greater protection from vandal attacks and constant reliability in use.

- **SIMPLER INSTALLATION.**
  - The blinker and the support for the photocells are integrated in the frame (optional), the lights are integrated in the boom (optional).
  - Cabling is simplified by means of the ducting for housing the cables themselves.

### TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>MICHELANGELO 60</th>
<th>MICHELANGELO 80</th>
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<tbody>
<tr>
<td><strong>CONTROL PANEL</strong></td>
<td>LIBRA C MV (incorporated)</td>
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<tr>
<td><strong>REVERSIBLE/IRREVERSIBLE OPERATOR</strong></td>
<td>irreversible</td>
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<tr>
<td><strong>POWER SUPPLY</strong></td>
<td>120V 60 Hz single-phase</td>
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<tr>
<td><strong>ABSORBED POWER</strong></td>
<td>0.4 hp (300W)</td>
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<tr>
<td><strong>OPENING OR CLOSING TIME</strong></td>
<td>6 s (19.6&quot;&quot;)</td>
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<tr>
<td><strong>IMPACT REACTION</strong></td>
<td>electronic torque limiter integrated in the control panel</td>
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<tr>
<td><strong>TYPE OF LIMIT SWITCHES</strong></td>
<td>electronic opening/closing</td>
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<tr>
<td><strong>MANUAL RELEASE</strong></td>
<td>fast key release</td>
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<tr>
<td><strong>OPERATING CYCLE</strong></td>
<td>very intensive use</td>
</tr>
<tr>
<td><strong>ENVIRONMENTAL CONDITIONS</strong></td>
<td>from 5°F to + 140°F</td>
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<tr>
<td><strong>DEGREE OF PROTECTION</strong></td>
<td>IP24</td>
</tr>
<tr>
<td><strong>OPERATOR WEIGHT WITHOUT BOOM</strong></td>
<td>680 N (150lb)</td>
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<tr>
<td><strong>DIMENSIONS</strong></td>
<td>see drawing</td>
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<tr>
<td><strong>FUSE VALUES LIBRA CMV</strong></td>
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Calculating the maximum boom length of MICHELANGELO 60 and MICHELANGELO 80 road barriers based on the accessories:

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<tr>
<td>ELL 6 + MICHELANGELO 60</td>
<td>4.7 m</td>
<td>5 m</td>
<td>4.9 m</td>
<td>5.2 m</td>
<td>6 m</td>
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<tr>
<td>ATT704 + ATT502 + MICHELANGELO 60</td>
<td>5.1 m</td>
<td>5.2 m</td>
<td>5.5 m</td>
<td>5.8 m</td>
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<td>ATT704 + ATT504 + MICHELANGELO 80</td>
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<tr>
<td>ATT706 + MICHELANGELO 60</td>
<td>4.3 m</td>
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<td>4.5 m</td>
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<td>ATT706 + MICHELANGELO 80</td>
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<tr>
<td>ATT706 + MICHELANGELO 40</td>
<td>2.2 m</td>
<td>2.4 m</td>
<td>2.5 m</td>
<td>2.6 m</td>
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Example for Michelangelo 60 + ELL 6: SB + 1PCA + KIT MCL LIGHT + GA = Boom LENGTH 4.7 m.

- NOTE: The values given in the table refer to maximum boom length. Booms that are shorter than the values given must be tested and suitably balanced.
**ACCESSORIES**

- **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.

- **P111408 - SCS WIE**
  Circuit board for direct connection of access control accessories (such as SELETO, COMPAS SLIM, etc.) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.

- **D573003 - SB**
  Fence previously mounted on boom. Cannot be applied to BGV/MOOVI 30 models. Its application in the other models gives rise to a reduction of the overall length of the boom (see table).

- **N728026 - ATT 704**
  First part telescopic round boom, ø 70, 14' (4.3 m) long.

- **N728022 - ELL 6**
  Rectangular boom 20' (6 m) long.

- **N999391 - ACC MCL ELL**
  Accessories packaging for ELL 6 boom.

- **P1120010 - MCL PCA 8**
  Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 26.2').

- **D730964 - BM**
  MICHELANGELO anchor base.

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

- **P125011 - MCL BAT**
  Battery back-up for Michelangelo.

- **N999386 - ACC MCL ATT**
  Accessories packaging for ATT 704 boom.

- **P120011 - MCL BAT**
  Battery back-up for Michelangelo.

- **P120008 - MCL PCA 6**
  Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 19.6').

- **P120006 - KIT MCL LAMPO**
  Integrated blinker. It must be connected to KIT SCHEDA MCL.

- **P120005 00001 - KIT MCL LIGHT**
  Lighting Kit with 6 lights. To be used in combination with PCA 6, PCA 8 or KIT MCL LAMPO. It must be connected to KIT SCHEDA MCL.

- **P120008 - MCL PCA 6**
  Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 19.6').

- **I105110 - LIBRA CMV 60**
  Replacement board for Michelangelo 60.

- **I05123 - LIBRA CMV 80**
  Replacement board for Michelangelo 80.

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

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**RESIDENTIAL, APARTMENT-BLOCK AND INDUSTRIAL USE**

**ACCESSORIES**

- **N728027 - ATT 504**
  Second part telescopic round boom, ø 50, 15' (4.6 m) long.

- **P112006 - KIT MCL LAMPO**
  Integrated blinker. It must be connected to KIT SCHEDA MCL.

- **N728028 - ATT 504**
  Second part telescopic round boom, ø 50, 15' (4.6 m) long.

- **P120008 - MCL PCA 6**
  Boom upper and lower casing profile in rubber for MICHELANGELO (boom max 19.6').

- **P105110 - LIBRA CMV 60**
  Replacement board for Michelangelo 60.

- **I105123 - LIBRA CMV 80**
  Replacement board for Michelangelo 80.