

# ALIMAK

## SCANDO 650 FC /32

|  |   |   |   |   |       |
|--|---|---|---|---|-------|
| 3.2 m car with two <sup>1)</sup> vertical doors                  | X |   |   |   | (C22) |
| 3.2 m car with three vertical doors                              |   | X |   |   | (C23) |
| 3.2 m car with one load ramp and one <sup>1)</sup> vertical door |   |   | X |   | (C25) |
| 3.2 m car with one load ramp and two vertical doors              |   |   |   | X | (C26) |

|  |       |        |              |        |        |
|--|-------|--------|--------------|--------|--------|
| Pay-load capacity (fuse 63 A)              | kg    | 2100   | 2000         | 2000   | 1900   |
| (fuse 80 A)                                | kg    | 2400   | 2300         | 2200   | 2000   |
| Speed 50 Hz / 60 Hz                        | m/min | 0 – 42 | 0 – 42       | 0 – 42 | 0 – 42 |
| Max. lifting height                        | meter | 200    | 200          | 200    | 200    |
| <b>Increased lifting height on request</b> |       |        |              |        |        |
| No. of buffer springs                      | pcs.  | 2      | 2            | 2      | 2      |
| Safety device type GFD                     | P/no. |        | 9101991-9010 |        |        |

### CAR DIMENSIONS

|                       |       |  |     |     |     |
|-----------------------|-------|--|-----|-----|-----|
| Internal width        | meter | 1.5  | 1.5 | 1.5 | 1.5 |
| Internal length       | meter | 3.2  | 3.2 | 3.2 | 3.2 |
| External length ( E ) | meter | <i>add 0.12 m to internal length above</i> |     |     |     |
| Internal height       | meter | 2.3  | 2.3 | 2.3 | 2.3 |
| Door opening W x H    | meter | <i>1.5 or 2.5 <sup>4)</sup> x 2.0</i>      |     |     |     |

### ELECTRICAL DATA

|   |                                   |                        |  |  |  |
|---|-----------------------------------|------------------------|--|--|--|
| Power supply range                        | 400 – 500 V, 50 or 60 Hz, 3 Phase |                        |  |  |  |
| At 400 V/50 Hz:                           |                                   |                        |  |  |  |
| Power supply fuses                        | A~                                | 63 or 80 alternatively |  |  |  |
| Dual motor machinery                      | kW                                | 2 x 11                 |  |  |  |
| Starting current (fuse 63 A)              | A~                                | 60                     |  |  |  |
| (fuse 80 A)                               | A~                                | 64                     |  |  |  |
| Power consumpt. (fuse 63 A)               | kVA~                              | 36                     |  |  |  |
| (fuse 80 A)                               | kVA~                              | 39                     |  |  |  |
| Power cable guiding system                | <i>Cable basket (≤ 100 m)</i>     |                        |  |  |  |
| <i>Data for other voltages on request</i> |                                   |                        |  |  |  |

### WEIGHTS

|                             |    |      |               |               |               |
|-----------------------------|----|------|---------------|---------------|---------------|
| Base unit weight approx.    | kg | 2850 | <sup>2)</sup> | <sup>2)</sup> | <sup>2)</sup> |
| Mast section with one rack  | kg | 115  | 115           | 115           | 115           |
| Mast section with two racks | kg | 135  | 135           | 135           | 135           |
| Mast section length         | mm | 1508 | 1508          | 1508          | 1508          |

### TRANSPORT DIMENSIONS

|                                   |                                   |  |  |  |  |
|-----------------------------------|-----------------------------------|--|--|--|--|
| Base unit incl. ground enclosure: |                                   |  |  |  |  |
| Length ( F ):                     | m                                 | <i>add 0.50 <sup>3)</sup> m to external length ( E )</i> |  |  |  |
| Width ( G ):                      | <i>See table on previous page</i> |  |  |  |  |
| Maximum height: machinery excl.l. | m                                 | <i>all 3.10</i>  |  |  |  |

<sup>1)</sup> A "slim" 3<sup>rd</sup> exit door also possible.

<sup>2)</sup> Weights indicated for base model including standard entrance and exit door. Add trailing power cable approximately 1.0 kg/meter where cable basket occurs. Add additional 147 kg or 117 kg respectively, where optional load ramp occurs.

<sup>3)</sup> Add additional 0.1 m where accessories for pipe support equipment are added to the ground enclosure.

<sup>4)</sup> Is intended for the 3<sup>rd</sup> vertical lift door (location C).

