

# ELECTRIC ARTICULATING BOOM LIFTS

|                                   | <b>E400A</b>             | <b>M400A</b>             | <b>E400An</b>            | <b>M400An</b>            | <b>E400AJP</b>           | <b>M400AJP</b>           | <b>E400AJPn</b>          | <b>M400AJPn</b>          |
|-----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Platform Height                   | 12.19 m                  | 12.19 m                  | 12.19 m                  | 12.19 m                  | 12.19 m                  | 12.19 m                  | 12.19 m                  | 12.19 m                  |
| Horizontal Outreach               | 6.45 m                   | 6.45 m                   | 6.45 m                   | 6.45 m                   | 6.83 m                   | 6.83 m                   | 6.83 m                   | 6.83 m                   |
| Up and Over Height                | 6.55 m                   | 6.55 m                   | 6.55 m                   | 6.55 m                   | 6.55 m                   | 6.55 m                   | 6.55 m                   | 6.55 m                   |
| Swing (non-continuous)            | 360°                     | 360°                     | 360°                     | 360°                     | 360°                     | 360°                     | 360°                     | 360°                     |
| Platform Capacity - Unrestricted  | 230 kg                   | 230 kg                   | 230 kg                   | 230 kg                   | 230 kg                   | 230 kg                   | 230 kg                   | 230 kg                   |
| Platform Rotator (Hydraulic)      | 180°                     | 180°                     | 180°                     | 180°                     | 180°                     | 180°                     | 180°                     | 180°                     |
| Jib - Overall Length              | —                        | —                        | —                        | —                        | 1.24 m                   | 1.24 m                   | 1.24 m                   | 1.24 m                   |
| Jib - Range of articulation       | —                        | —                        | —                        | —                        | 141° (+86°/-55°)         | 141° (+86°/-55°)         | 141° (+86°/-55°)         | 141° (+86°/-55°)         |
| JibPLUS™ - Range of articulation  | —                        | —                        | —                        | —                        | 180° Horizontal          | 180° Horizontal          | 180° Horizontal          | 180° Horizontal          |
| A. Platform Size                  | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          | 0.76 m x 1.22 m          |
| B. Overall Width                  | 1.75 m                   | 1.75 m                   | 1.50 m                   | 1.50 m                   | 1.75 m                   | 1.75 m                   | 1.50 m                   | 1.50 m                   |
| C. Tailswing (working condition)  | Zero                     | Zero                     | 0.13 m                   | 0.13 m                   | Zero                     | Zero                     | 0.13 m                   | 0.13 m                   |
| D. Stowed Height                  | 2.01 m                   | 2.01 m                   | 1.97 m                   | 1.97 m                   | 2.01 m                   | 2.01 m                   | 1.97 m                   | 1.97 m                   |
| E. Stowed Length                  | 5.51 m                   | 5.51 m                   | 5.51 m                   | 5.51 m                   | 6.71 m                   | 6.71 m                   | 6.71 m                   | 6.71 m                   |
| F. Wheelbase                      | 2.01 m                   | 2.01 m                   | 2.01 m                   | 2.01 m                   | 2.01 m                   | 2.01 m                   | 2.01 m                   | 2.01 m                   |
| G. Ground Clearance               | 0.22 m                   | 0.22 m                   | 0.13 m                   | 0.13 m                   | 0.22 m                   | 0.22 m                   | 0.13 m                   | 0.13 m                   |
| Gross Vehicle Weight <sup>1</sup> | 6,037 kg                 | 6,128 kg                 | 5,942 kg                 | 6,033 kg                 | 6,214 kg                 | 6,318 kg                 | 6,759 kg                 | 6,863 kg                 |
| Drive Speed                       | 5.1 km/h                 | 5.1 km/h                 | 4.8 km/h                 | 4.8 km/h                 | 5.1 km/h                 | 5.1 km/h                 | 4.8 km/h                 | 4.8 km/h                 |
| Gradeability                      | 30%                      | 30%                      | 30%                      | 30%                      | 30%                      | 30%                      | 30%                      | 30%                      |
| Tyres                             | 240/55-17.5 Foam Filled  | 240/55-17.5 Foam Filled  | 25 x 7 x 12 Non marking  | 25 x 7 x 12 Non marking  | 240/55-17.5 Foam Filled  | 240/55-17.5 Foam Filled  | 25 x 7 x 12 Non marking  | 25 x 7 x 12 Non marking  |
| Turning Radius - Inside           | 0.61 m                   | 0.61 m                   | 0.86 m                   | 0.86 m                   | 0.61 m                   | 0.61 m                   | 0.86 m                   | 0.86 m                   |
| Turning Radius - Outside          | 3.15 m                   | 3.15 m                   | 3.15 m                   | 3.15 m                   | 3.15 m                   | 3.15 m                   | 3.15 m                   | 3.15 m                   |
| Electrical System                 | 48V DC                   | 48V DC                   | 48V DC                   | 48V DC                   | 48V DC                   | 48V DC                   | 48V DC                   | 48V DC                   |
| Batteries                         | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          | 8 x 6V 370 A/hr          |
| Drive Motors                      | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   | Dual Electric Traction   |
| Brakes                            | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied | Automatic Spring Applied |
| Hydraulic Motor                   | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             | Perm. Magnet             |
| Hydraulic Pump                    | Gear Pump                | Gear Pump                | Gear Pump                | Gear Pump                | Gear Pump                | Gear Pump                | Gear Pump                | Gear Pump                |
| Hydraulic Reservoir               | 15 L                     | 15 L                     | 15 L                     | 15 L                     | 15 L                     | 15 L                     | 15 L                     | 15 L                     |
| Generator Set - Fully Automatic   | —                        | Yanmar Air-cooled 4 kW   | —                        | Yanmar Air-cooled 4 kW   | —                        | Yanmar Air-cooled 4 kW   | —                        | Yanmar Air-cooled 4 kW   |
| Generator Fuel Tank               | —                        | 15 L                     | —                        | 15 L                     | —                        | 15 L                     | —                        | 15 L                     |

<sup>1</sup> Certain options or country standards will increase weight.

Specifications may change to meet country standards or with the addition of optional equipment.



# JLG MODELS E400A, M400A, E400An & M400An

# JLG MODELS E400AJP, M400AJP, E400AJPn & M400AJPn

