



# SJ12/16

## VERTICAL MAST LIFTS

### STANDARD FEATURES

- Drivable at full height with platform retracted
- Variable speed, front two wheel hydraulic drive
- 90° steering (zero inside turning radius)
- Dual holding brakes
- Proportional controls for drive and lift functions
- 0.41 m Traversing platform
- 24V DC power source
- Low voltage battery protection
- 30% gradeability
- Solid rubber, non-marking tyres
- Pothole protection system
- Wiring for AC outlet at platform
- Tilt alarm with drive & lift cut-out
- Lanyard attachment points
- Operator horn
- Lift rings/tie downs
- Full height spring hinged gate
- Relay based control system
- Colour coded and numbered wiring system

### ACCESSORIES AND OPTIONS

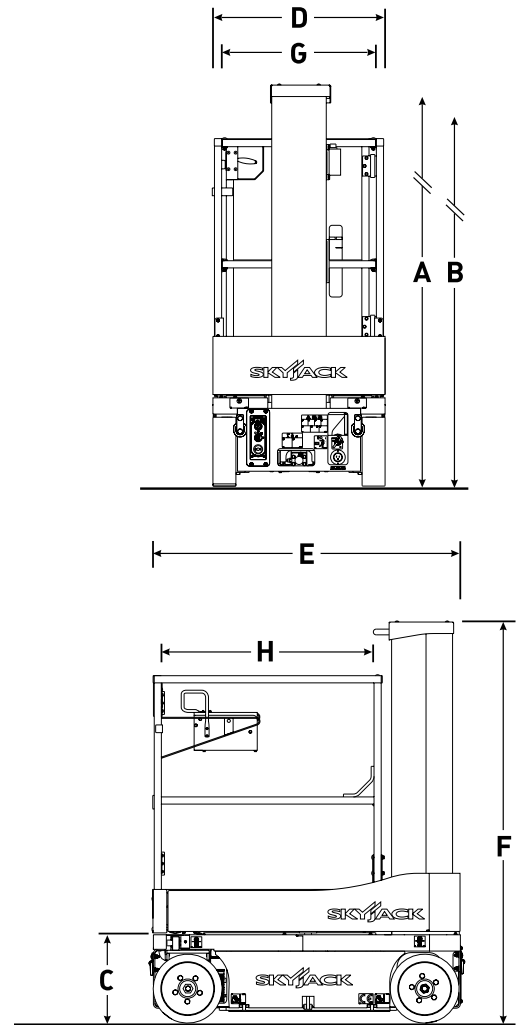
- All motion audible alarm
- Dual flashing lights
- AGM batteries
- Light duty pipe rack/steel stud rack
- Shroud-style control box guard
- Tool tray
- Bio Oil
- Outdoor wind rating (SJ16 up to 3.65 m)

\* Capacities, and machine weights may differ when options are added.

# SJ12/16 VERTICAL MAST LIFTS

| Dimensions                                  | SJ12   | SJ16   |
|---|--------|--------|
| <b>A</b> Work Height                        | 5.65 m | 6.75 m |
| <b>B</b> Raised Platform Height             | 3.65 m | 4.75 m |
| <b>C</b> Lowered Platform Height            | 0.45 m | 0.45 m |
| <b>D</b> Overall Width                      | 0.77 m | 0.77 m |
| <b>E</b> Overall Length                     | 1.37 m | 1.37 m |
| <b>F</b> Stowed Height                      | 1.79 m | 1.79 m |
| <b>G</b> Platform Width (Inside Dimension)  | 0.69 m | 0.69 m |
| <b>H</b> Platform Length (Inside Dimension) | 0.85 m | 0.85 m |

| Specifications                        | SJ12        | SJ16        |
|---------------------------------------|-------------|-------------|
| Ground Clearance (Stowed)             | 5.33 cm     | 5.33 cm     |
| Ground Clearance (Raised)             | 1.60 cm     | 1.60 cm     |
| Weight                                | 864 kg      | 971 kg      |
| Local Floor Load (with rated load)    | 745 kPa     | 827 kPa     |
| Local Floor Load (no load)            | 593 kPa     | 676 kPa     |
| Overall Floor Load (with rated load)  | 10.2 kPa    | 11.2 kPa    |
| Gradeability                          | 30%         | 30%         |
| Turning Radius (Inside)               | 0           | 0           |
| Turning Radius (Outside)              | 1.40 m      | 1.40 m      |
| Lift Time (With Rated Load)           | 16 sec      | 20 sec      |
| Lower time (With Rated Load)          | 14 sec      | 18 sec      |
| Drive Speed (Stowed)                  | 4.0 km/h    | 4.0 km/h    |
| Drive Speed (Raised)                  | 0.80 km/h   | 0.80 km/h   |
| Maximum Drive Height                  | Full Height | Full Height |
| Capacity (Overall)                    | 227 kg      | 227 kg      |
| Maximum # of Persons (indoor/outdoor) | 2/1         | 1/0         |
| Tyre Type                             | Solid, N/M  | Solid, N/M  |
| Tyre Size                             | 12 x 4 x 8  | 12 x 4 x 8  |



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