

# SJ12/16

## VERTICAL MAST LIFTS



### STANDARD FEATURES

- Drivable at full height
- Variable speed, front two wheel hydraulic drive
- Zero inside turning radius
- Dual holding brakes
- Proportional controls
- 20" (0.51 m) Traversing platform
- 24V DC power source
- Low voltage battery protection
- 30% Gradeability
- Solid rubber, non-marking tires
- Pothole protection system
- 110V AC outlet at platform with GFI
- 28 mph wind rating (12.5 m/s)
- Tilt alarm with drive & lift cut-out
- All motion audible alarm
- Lanyard attachment points
- Operator horn
- Lift rings/tie downs
- Chain entrance
- Relay based control system
- Color coded and numbered wiring system
- Telematics ready

### ACCESSORIES AND OPTIONS

- Dual flashing lights
- AC inverter
- AGM Batteries
- Full height spring hinged gate
- Saloon gate
- Light duty pipe rack/steel stud rack
- Tool tray
- Florescent tube carrier
- Bio oil
- Non destructive testing
- Warranty Options (3 year or 5 year plans available)

\* Standard lead times may be increased when optional equipment is added, consult factory.

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



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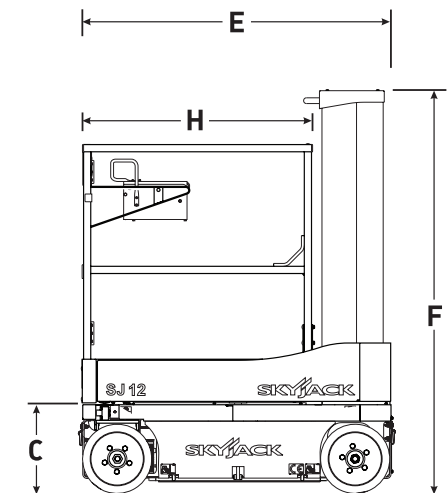
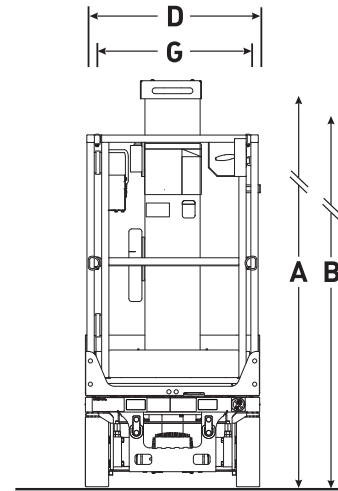
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# SJ12/16 VERTICAL MAST LIFTS

| Dimensions                                  | SJ12           | SJ16           |
|---|----------------|----------------|
| <b>A</b> Work Height                        | 18' (5.48 m)   | 21'7" (6.58 m) |
| <b>B</b> Raised Platform Height             | 12' (3.65 m)   | 15'7" (4.75 m) |
| <b>C</b> Lowered Platform Height            | 18" (0.45 m)   | 18" (0.45 m)   |
| <b>D</b> Overall Width                      | 30.5" (0.77 m) | 30.5" (0.77 m) |
| <b>E</b> Overall Length                     | 54" (1.37 m)   | 54" (1.37 m)   |
| <b>F</b> Stowed Height                      | 70.3" (1.79 m) | 70.3" (1.79 m) |
| <b>G</b> Platform Width (Inside Dimension)  | 27" (0.69 m)   | 27" (0.69 m)   |
| <b>H</b> Platform Length (Inside Dimension) | 36.8" (0.93 m) | 36.8" (0.93 m) |

| Specifications                       | SJ12                | SJ16                |
|--------------------------------------|---------------------|---------------------|
| Ground Clearance (Stowed)            | 2.1" (5.33 cm)      | 2.1" (5.33 cm)      |
| Ground Clearance (Raised)            | 0.63" (1.60 cm)     | 0.63" (1.60 cm)     |
| Weight                               | 1,720 lbs (782 kg)  | 2,130 lbs (966 kg)  |
| Local Floor Load (with rated load)   | 101 psi (696 kPa)   | 120 psi (827 kPa)   |
| Local Floor Load (no load)           | 80 psi (552 kPa)    | 92 psi (634 kPa)    |
| Overall Floor Load (with rated load) | 196 psf (9 kPa)     | 234 psf (11 kPa)    |
| Gradeability                         | 30%                 | 30%                 |
| Turning Radius (Inside)              | 0                   | 0                   |
| Turning Radius (Outside)             | 55" (1.40 m)        | 55" (1.40 m)        |
| Lift Time (With Rated Load)          | 16 sec              | 20 sec              |
| Lower time (With Rated Load)         | 14 sec              | 18 sec              |
| Drive Speed (Stowed)                 | 2.5 mph (4.0 km/h)  | 2.5 mph (4.0 km/h)  |
| Drive Speed (Raised)                 | 0.5 mph (0.80 km/h) | 0.5 mph (0.80 km/h) |
| Maximum Drive Height                 | Full Height         | Full Height         |
| Capacity (Overall)                   | 500 lbs (227 kg)    | 500 lbs (227 kg)    |
| Maximum # of Persons                 | 2                   | 2                   |
| Wind Rating                          | 28 mph (12.5 m/s)   | 28 mph (12.5 m/s)   |
| Tire Type                            | Solid, N/M          | Solid, N/M          |
| Tire Size                            | 12 x 4 x 8          | 12 x 4 x 8          |



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