

# <mark>SJ12/16</mark> 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
- SKYCODED<sup>™</sup> Colour coded and numbered wiring system
- Telematics ready

### 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)
- Secondary Guarding Lift Enable (SGLE)
- ELEVATE telematics

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

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



# SJ12/16 VERTICAL MAST LIFTS

DimensionsSJ12SJ16A Work Height5.65 m6.75 mB Raised Platform Height3.65 m4.75 mC Lowered Platform Height0.45 m0.45 mD Overall Width0.77 m0.77 mE Overall Length1.37 m1.37 mF Stowed Height1.79 m0.69 mG Platform Width (Inside Dimension)0.69 m0.69 mH Platform Length (Inside Dimension)0.85 mSJ16SpecificationsSJ12SJ16Ground Clearance (Raised)1.60 cm1.60 cmWeight864 kg971 kgLocal Floor Load (with rated load)745 kPa827 kPaLocal Floor Load (with rated load)10.2 kPa11.2 kPaGradeability30%30%30%Turning Radius (Inside)1.40 m1.40 mLift Time (With Rated Load)14 sec18 secDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightChapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre SizeSolid, N/MSolid, N/M			
BRaised Platform Height3.65 m4.75 mCLowered Platform Height0.45 m0.45 m0.45 mDOverall Width0.77 m0.77 mEOverall Length1.37 m1.37 mFStowed Height1.79 m1.79 mGPlatform Width (Inside Dimension)0.69 m0.69 mHPlatform Length (Inside Dimension)0.85 m0.85 mSpecificationsSJ12SJ16Ground Clearance (Raised)1.60 cm1.60 cmGround Clearance (Raised)1.60 cm1.60 cmWeight864 kg971 kgLocal Floor Load (with rated load)745 kPa827 kPaCardeability30%30%Turning Radius (Inside)00Turning Radius (Inside)1.40 m1.40 mLift Time (With Rated Load)14 sec18 secDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Dimensions	SJ12	SJ16
C     Lot RM     Alt RM       C     Lowered Platform Height     0.45 m     0.45 m       D     Overall Width     0.77 m     0.77 m       E     Overall Length     1.37 m     1.37 m       F     Stowed Height     1.79 m     0.69 m       G     Platform Width (Inside Dimension)     0.69 m     0.69 m       H     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 (with rated load)     10.2 kPa     11.2 kPa       Gradeability     30%     30%     30%       Turning Radius (Inside)     0     0     0       Turning Radius (Outside)     1.40 m     1.40 m       Lift Time (With Rated Load)     14 sec     18 sec       Drive Speed (Raised)     0.80 km/h     0.80 km/h	A Work Height	5.65 m	6.75 m
D     Overall Width     0.77 m     0.77 m       E     Overall Length     1.37 m     1.37 m       F     Stowed Height     1.79 m     1.79 m       G     Platform Width (Inside Dimension)     0.69 m     0.69 m       H     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 (with rated load)     10.2 kPa     11.2 kPa       Gradeability     30%     30%       Turning Radius (Inside)     0     0       Turning Radius (Inside)     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       Grapacity (Overall)     227 kg     227 kg	B Raised Platform Height	3.65 m	4.75 m
E Overall Length1.37 m1.37 mF Stowed Height1.79 m1.79 mG Platform Width (Inside Dimension)0.69 m0.69 mH Platform Length (Inside Dimension)0.85 m0.85 mSpecificationsSJ12SJ16Ground Clearance (Stowed)5.33 cm5.33 cmGround Clearance (Raised)1.60 cm1.60 cmWeight864 kg971 kgLocal Floor Load (with rated load)745 kPa827 kPaLocal Floor Load (with rated load)10.2 kPa11.2 kPaGradeability30%30%Turning Radius (Inside)140 m1.40 mLift Time (With Rated Load)14 sec18 secDrive Speed (Raised)0.80 km/h0.80 km/hDrive Speed (Raised)0.80 km/h227 kgMaximum Drive Height227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0TypeSolid, N/MSolid, N/M	C Lowered Platform Height	0.45 m	0.45 m
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Turning Radius (Inside)00Turning Radius (Outside)1.40 m1.40 mLift Time (With Rated Load)16 sec20 secLower time (With Rated Load)14 sec18 secDrive Speed (Stowed)4.0 km/h4.0 km/hDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Overall Floor Load (with rated load)	10.2 kPa	11.2 kPa
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Lift Time (With Rated Load)16 sec20 secLower time (With Rated Load)14 sec18 secDrive Speed (Stowed)4.0 km/h4.0 km/hDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Turning Radius (Inside)	0	0
Lower time (With Rated Load)14 sec18 secDrive Speed (Stowed)4.0 km/h4.0 km/hDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Turning Radius (Outside)	1.40 m	1.40 m
Drive Speed (Stowed)4.0 km/h4.0 km/hDrive Speed (Raised)0.80 km/h0.80 km/hMaximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Lift Time (With Rated Load)	16 sec	20 sec
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Maximum Drive HeightFull HeightFull HeightCapacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Drive Speed (Stowed)	4.0 km/h	4.0 km/h
Capacity (Overall)227 kg227 kgMaximum # of Persons (indoor/outdoor)2/11/0Tyre TypeSolid, N/MSolid, N/M	Drive Speed (Raised)	0.80 km/h	0.80 km/h
Maximum # of Persons (indoor/outdoor) 2/1 1/0   Tyre Type Solid, N/M Solid, N/M	Maximum Drive Height	Full Height	Full Height
Tyre Type Solid, N/M Solid, N/M	Capacity (Overall)	227 kg	227 kg
	Maximum # of Persons (indoor/outdoor)	2/1	1/0
Tyre Size 12 x 4 x 8 12 x 4 x 8	Туге Туре	Solid, N/M	Solid, N/M
	Tyre Size	12 x 4 x 8	12 x 4 x 8





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CE EU/ENG/03/2019