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# ARTICULATED BOOM LIFT XGA16H

## Standard configuration

### Work Area

- 1.83 m x 0.76 m Work Platform

### Power

- 12V DC Auxiliary Power
- Lithium Battery
- Engine And Components

### Drive

- Axle Drive
- Axle Oscillation

### Safe

- Descent And Motion Alarm
- Tilt Alarm
- Horn
- Overload Alarm
- Work Platform Tilt Protection
- Motor Overload Protection
- Emergency Stop Devices On Platform And Chassis
- Emergency Power Unit
- Axle-Drive Braking System

### Other Features

- Automatic Leveling System
- Proportional Joystick Control
- Drive Enable
- Telematics Front-End Interface
- Anti-Entrapment System
- Platform Power
- Tool Tray



Working height  
16.3meters



Lift capacity  
320kg



Hybrid  
power



## Optional configuration

- Air Line
- Mechanical Anti-Entrapment Device
- Platform Height Limitation Anti-Collision Device
- Platform Half-Mesh
- Working Light Assembly
- Fall Arrest Assembly
- Platform Anti-Squeeze Auxiliary Rail
- Aircraft Protection Device
- Rubber Buffer Protection Device

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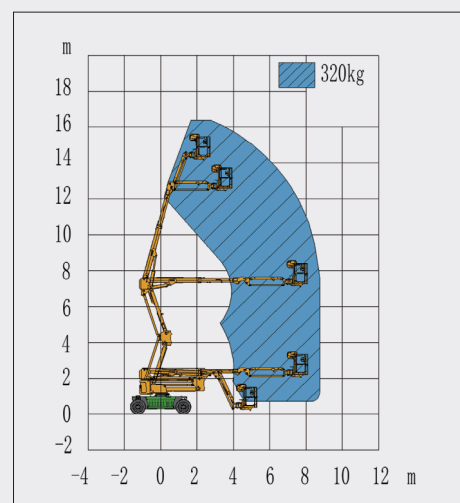
# XGA16H



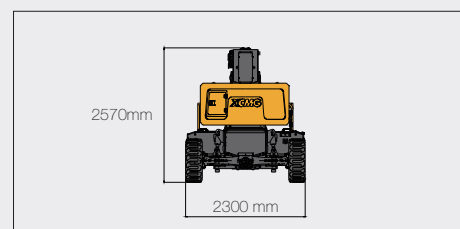
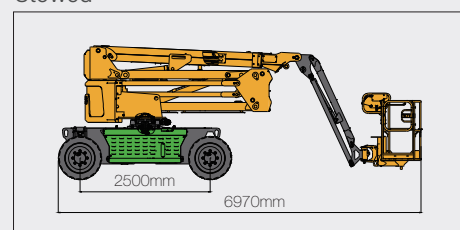
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## Articulated Boom Lift-Hybrid

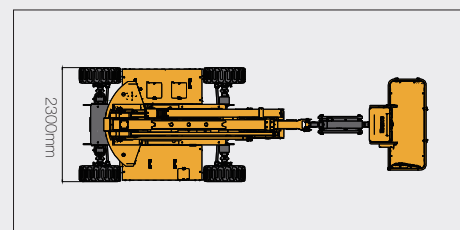
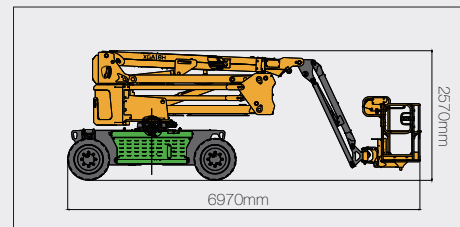
| Item                                        | Metric |                                      |
|---------------------------------------------|--------|--------------------------------------|
| Dimension                                   |        |                                      |
| Overall Dimension - Stowed                  | Length | 6970mm                               |
|                                             | Width  | 2300mm                               |
|                                             | Height | 2570mm                               |
| Overall Dimension - Transported             | Length | 6970mm                               |
|                                             | Width  | 2300mm                               |
|                                             | Height | 2570mm                               |
| Platform Dimensions                         | Length | 1830mm                               |
|                                             | Width  | 760mm                                |
|                                             | Height | 1150mm                               |
| Wheelbase                                   |        | 2500mm                               |
| Overall Width                               |        | 2300mm                               |
| Jib Length                                  |        | 1850mm                               |
| Min. Ground Clearance                       |        | 300mm                                |
| Performance                                 |        |                                      |
| Max. Working Height                         |        | 16.3m                                |
| Max. Platform Height                        |        | 14.3m                                |
| Max. Outreach                               |        | 8.8m                                 |
| Max. Up And Over Clearance                  |        | 7.2m                                 |
| Max. Lift Capacity                          |        | 320kg                                |
| Max. Platform Occupancy                     |        | 2                                    |
| Max. Chassis Allowable Angle                |        | X-5°/ Y-5°                           |
| 1st Boom Luffing Range                      |        | 0°~72°                               |
| 2nd Boom Luffing Range                      |        | -2.5°~75°                            |
| Fly Boom Luffing Range                      |        | -65°~70°                             |
| Turntable Rotation                          |        | 360°                                 |
| Platform Rotation                           |        | 160°                                 |
| Machine Weight                              |        | 8200kg                               |
| Driving Speed (Stowed)                      |        | 6.0 km/h                             |
| Driving Speed (Raised Or Extended)          |        | 0.6 km/h                             |
| Min. Turning Radius (Inside/Outside)        |        | 3200mm/5200mm(2)<br>1600mm/3500mm(4) |
| Turntable Tailswing                         |        | 0                                    |
| Max. Gradeability (Counterweight Downhill)  |        | 40%(22°)                             |
| Power source                                |        |                                      |
| Control                                     |        | 12 V DC proportional control         |
| Main Power Unit                             |        | 12kW/31V                             |
| Auxiliary Power Unit                        |        | 1.9kW/12V                            |
| Traveling Motor                             |        | 9kW/34VAC                            |
| Emergency Power Supply                      |        | 12V/120Ah                            |
| Main Power Source - Battery                 |        | 346Ah/51.2V (Li)                     |
| Main Power Source - Charger                 |        | 48V/60A                              |
| Engine Model                                |        | Kubota Z482                          |
| Engine Power / Rpm                          |        | 9.8kW/ (3600r/min)                   |
| Max. Engine Torque                          |        | 29.7N · m (2600r/min)                |
| Engine Emission Standard                    |        | EU V                                 |
| Hydraulic Tank Capacity (Effective Volume ) |        | 91L                                  |
| Fuel Tank Capacity                          |        | 95L                                  |
| Tire                                        |        |                                      |
| Tire Size                                   |        | φ 836mm×319mm                        |
| Ply Rating Of Tire                          |        | 18                                   |
| Tire Ground Pressure                        |        | 6.4kg/cm <sup>2</sup>                |
| Driving Wheels                              |        | 4                                    |
| Braking Wheels                              |        | 4                                    |
| Steering Wheels                             |        | 4                                    |



Stowed



Trans



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