



**SOLID**  
TO SUCCEED



# HYBRID-ARTICULATED BOOM LIFT

## XGA18H

Comply with CE

### Standard configuration

- 1.83 m(6 ft 0 in) x 0.76 m(2 ft 6 in) working platform
- 320 kg (705 lb) platform capacity
- 160° platform rotation
- 12 V DC auxiliary power
- Lithium battery
- Engine and components
- Bridge drive
- Axle oscillation
- Lowering and moving alarm
- Tilt alarm
- Horn
- Overload alarm
- Motor overload protection
- Emergency stop of platform and chassis
- Emergency power unit
- Bridge drive braking system
- Self-leveling platform
- Proportional joystick control
- Drive enable
- Full time positive traction drive
- Telematics pre-interface
- Active defense protection system



Working height  
18.3 meters



Lift capacity  
320Kg



Hybrid  
power



### Optional configuration

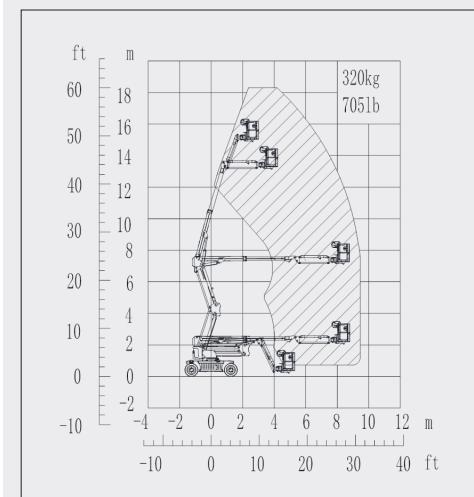
- Distribution device optional assembly (220V European standard explosion-proof)
- Distribution device optional assembly (110V British standard explosion-proof)
- Tool tray
- Working light assembly
- Pneumatic pipe layout

**XCMG FIRE-FIGHTING SAFETY EQUIPMENT CO.,LTD**

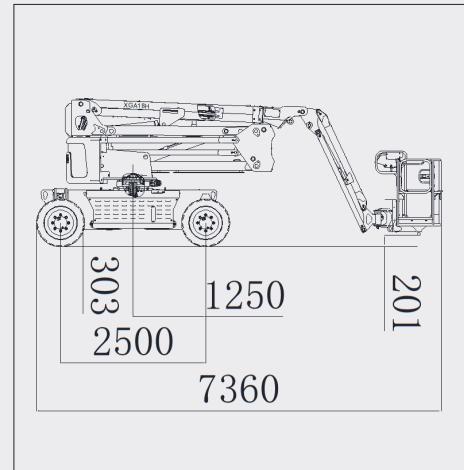
No.17 Zhujiang East Road, Hi-Tech Development Zone, Xuzhou, Jiangsu, China  
mewp@xcmg.com

## Articulated Boom Lift-Hybrid

Item	Metric
<b>Dimension</b>	
Overall dimension - stowed state	Length 7360 mm
	Width 2300 mm
	Height 2570 mm
Overall dimension - transportation	Length 7360 mm
	Width 2300 mm
	Height 2570 mm
Platform dimension	Length 1830 mm
	Width 760 mm
	Height 1150 mm
Wheelbase	2500 mm
Fly jib length	1850 mm
Min. ground clearance	300 mm
<b>Performance</b>	
Max. working height	18300 mm
Max. platform height	16300 mm
Max. working range	9500 mm
Max. up and over clearance	8200 mm
Max. lift capacity	320kg
Max. number of occupants	2
Max. working slope	X-5°/Y-5°
1st boom luffing range	0°~72°
2nd boom luffing range	-2°~75°
Fly jib luffing range	-65°~70°
Turntable rotation	360°
Platform rotation	160°
Total weight	9000 kg
Driving speed (stowed)	6 km/h
Driving speed (raised or extended)	0.6km/h
Min. turning radius (inside/outside)	3200mm/5200mm(2) 1600mm/3500mm(4)"
Turntable tailswing (stowed)	220 mm
Max. gradeability	40% (21.8°)
<b>Power source</b>	
Control	12 V DC proportional control
Traveling motor	9 kW/34 VAC
Emergency power supply	12 V / 115 Ah
Main power source - battery	346 Ah/51.2 V
Main power source - charger	48V/60A
Engine model	Kubota Z482
Engine-power/rpm	9.8kW/ (3600r/min)
Max. engine torque	30N · m
Engine emission standard	EU V / US IV / CN IV
Hydraulic tank capacity	95L
Fuel tank capacity	85L
<b>Tire</b>	
Tire size	836mm×319mm
Tire ground pressure	7kg/cm <sup>2</sup>
Driving wheels	4
Braking wheels	4
Steering wheels	4



Stowed



Trans

