

ARTICULATED BOOM TRUCK



1, [MAIN PERFORMANCE ADVANTAGES]

- Large-scale cross-obstacle operation
- 360-degree rotation operation
- Adopt 48v combined battery pack to provide longer endurance
- Full-proportional distributed control, more flexible operation, adaptable to a variety of complex operating environments
- Battery/diesel engine dual power options to meet insufficient use environments
- Industry-leading turning drive technology, smaller turning radius, flexible maneuverability
- Advanced two-wheel/four-wheel drive technology, strong power, high climbing ability

2. MAIN STRUCTURAL ANALYSIS

CHASSIS PART

- ① Two-wheel drive ② Two-wheel steering ③ Solid rubber tires
- ④ DC drive motor, equipped with fast and slow speed adjustment to meet the driving speed requirements under different working conditions
- ⑤ With automatic parking function, parking and parking to ensure operation safety

BOOM PART

- ① Five-arm combination: 3-section folding arm + telescopic arm + small flying arm
- ② High-strength boom material, high strength and strong safety
- ③ Each arm can be controlled independently, simple and convenient to operate

ROTATING PART

- ① 360-degree rotation to meet multi-directional operation requirements
- ② High-efficiency and precise slewing support mechanism, more sensitive and stable rotation

WORKBENCH

- ① Customizable super-large workbench to meet the needs of multiple people
- ② Standard load 230kg, maximum load capacity can reach 500kg
- ③ The workbench is equipped with automatic leveling function

HYDRAULIC SYSTEM

- ① Advanced hydraulic wiring and pipeline technology, low failure rate, easy maintenance
- ② Equipped with manual emergency power unit to ensure emergency use under power shortage conditions
- ③ Multi-way hydraulic valve design, clear division of labor, no mutual influence, rapid response
- ④ Adopt brand anti-wear hydraulic oil to ensure stable operation

ELECTRICAL SYSTEM

- ① The electrical system is equipped with an operating sound and light alarm device to ensure the safety of the operating range.
- ② PLC microcomputer control technology, smarter and more accurate
- ③ Equipped with equipment status display, convenient for viewing the current operating status of the equipment
- ④ The equipment has a fault self-detection function, and the cause of the fault can be viewed through the display

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3. MAIN TECHNICAL PARAMETERS

SERIAL NUMBER	DIMENSIONS	
1	Machine length (folded)	5.2m
2	Machine width (folded)	1.65m
3	Overall height (folded)	2.35m
4	Workbench size	1.6*0.8m
5	Number of working arms	5 sections
6	Folding Travel Speed	4km/h
7	Lifting speed	0.8km/h
8	Upper arm swing	≤0.5%
9	Forearm Luffing Angle	130°
10	Minimum turning radius	Outer wheel 4.4m Inner wheel 2.25m
11	Height of workbench from ground after retraction	620mm
12	Wheelbase	1907mm
13	Wheelbase	1440mm
14	Equipment weight	4900kg
15	Control voltage	24v
16	Tire specifications	28X9-15 solid tire
17	Tire size	580mm
18	Device Color	yellow

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MAIN PERFORMANCE PARAMETERS

19	Maximum operating height	10m
20	Maximum platform height	8m
21	Maximum operating radius	5.3m
22	Maximum span height	5.1m
23	Maximum allowable angle of chassis	1.5°/3°
24	Drive type	4x2x2
25	Maximum climbing grade	25%
26	Workbench load	230kg
27	Maximum load capacity	2 people
28	Workbench rotation angle (optional)	±80° (after installation, the length of the whole machine increases by 200)
29	Wind resistance level	Level 3-4

DRIVE PARAMETERS - DIESEL

30	Turntable rotation angle	360° continuous
31	Power form	Cloud Engine
32	Maximum output power	37kw
33	Starting battery	12v/60A
34	Number of batteries	2 pieces
35	Number of engine cylinders	4 cylinders
36	Engine Type	Non-road environmentally friendly engines
37	Emission standards	Country 2
38	Fuel Type	0# Diesel
39	Hydraulic oil type	46# anti-wear hydraulic oil
40	Engine oil tank capacity	40L
41	Hydraulic oil tank capacity	120L

(Due to product upgrades and technology updates, the above parameters have changed, please refer to actual production)

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4. REFERENCE PICTURES



The self-propelled articulated boom lift work platform can perform overhang operations, cross certain obstacles, or lift in one place for multi-point operations; it can rotate 360 degrees, has a large platform load capacity, and can accommodate two or more people working at the same time and can carry certain equipment; the equipment has good mobility and is easy to transfer to another location; it has a beautiful appearance and is suitable for large-scale operations such as stations, docks, shopping malls, stadiums, residential properties, factories and mines.

If you have any questions, please call: 1528903273

5. PRODUCT SPECIFICATIONS

Technical parameters of the self-propelled articulated boom 8m diesel lifting work platform, technical parameters of the self-propelled articulated boom 10m diesel lifting work platform, technical parameters of the self-propelled articulated boom 12m diesel lifting work platform,

Technical parameters of the self-propelled articulated boom 14m diesel lifting work platform, technical parameters of the self-propelled articulated boom 8m diesel lifting work platform, technical parameters of the self-propelled articulated boom 16m diesel lifting work platform,

Technical parameters of the self-propelled articulated boom 18m diesel lifting work platform, technical parameters of the self-propelled articulated boom 20m diesel lifting work platform

