



QingDao Vormax Construction Machinery Co., Ltd.

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DGK20m Multifunctional Aerial Work Vehicle

DGK20m Multifunctional Aerial Work Vehicle Specifications		
Category	Parameter	Value
Chassis		
Chassis	Chassis Options	SINOTRUK Haoman / HOWO / Wangpai / Dongfeng / SHACMAN
Chassis	Gross Vehicle Weight	4495kg
Chassis	Curb Weight	4365kg
Chassis	Wheelbase	3280mm
Chassis	Overall Dimensions (L×W×H)	5998 × 2200 × 2850mm
Chassis	Front / Rear Axle Rating	1.79T / 2.7T
Chassis	Tires	7.00R16LT 10PR Steel Radial Tires
Chassis	Max. Boom Lifting Capacity	4.0T
Chassis	Telescopic Boom Specification	6-section boom with 5-section synchronous telescoping
Working Parameters		
Working Parameters	Max. Working Height	20m
Working Parameters	Max. Working Outreach	12m
Working Parameters	Platform Rated Load Capacity	200kg
Working Parameters	Boom Slewing Angle	360°
Working Parameters	Platform Dimensions	1500 × 700 × 1100mm
Working Parameters	Platform Rotation Range	±180°
Working Parameters	Front/Rear Outrigger Horizontal Span	5150mm / 4500mm
Working Parameters	Front/Rear Outrigger Longitudinal Span	3400mm
Working Parameters	Brake System	Hydraulic Brake / Spring Brake (Air Brake)
Systems		
Systems	Control System	Domestic well-known electronic control system with wireless remote control; three-position operation (platform / turntable / ground)
Systems	Hydraulic System	Electro-hydraulic proportional valve, stepless speed regulation

Corporate Email:
ethan@qingdaovormaxmachinery.com

WhatsApp/WeChat:
+86 18853773089



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SQ4- 100 4T Multifunctional Truck- mounted Crane

11.2m Multifunctional Truck-Mounted Crane with Aerial Work Platform Specifications

Category	Parameter	Value
Chassis		
Chassis	Chassis Options	SINOTRUK Haoman / HOWO / Wangpai / Dongfeng / SHACMAN
Chassis	Overall Dimensions (L×W×H)	5995 × 2250 × 3300mm
Chassis	Leaf Spring	11 / 9+7
Chassis	Cab Seating Capacity	3 persons
Chassis	Emission Standard	China VI
Chassis	Number of Tires	6 wheels
Chassis	Gross Vehicle Weight	4495kg
Chassis	Telescopic Boom Specification	4-section boom with 3-section synchronous telescoping
Working Parameters		
Working Parameters	Max. Working Height	11.2m
Working Parameters	Max. Working Outreach	9m
Working Parameters	Platform Dimensions	1200 × 600 × 1100mm
Working Parameters	Fuel Type	Diesel
Working Parameters	Max. Design Speed	89km/h
Working Parameters	Tire Specification	7.00R16LT 8PR
Working Parameters	Rated Load Capacity	8000kg
Working Parameters	Brake System	Hydraulic Brake / Spring Brake (Air Brake)
Working Parameters	Wheelbase	3280mm
Working Parameters	Max. Boom Lifting Capacity	4.0T
Chassis Configuration		
• Power Windows • Air Conditioning (Heating & Cooling) • Multifunction Steering Wheel • Steel Radial Tires • Cruise Control • 7-speed Gearbox • Gross Vehicle Weight: 4495kg • Blue License Plate Eligible Nationwide		

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DGK23m Multifunctional Aerial Work Vehicle

23m Truck-Mounted Aerial Work Vehicle Specifications		
Category	Parameter	Value
Chassis		
Chassis	Chassis	SINOTRUK Wangpai
Chassis	Gross Vehicle Weight	4495kg
Chassis	Engine	Yunnei 160ps
Chassis	Wheelbase	3360mm
Chassis	Overall Dimensions (L×W×H)	5998 × 2200 × 2850mm
Chassis	Front / Rear Axle Rating	2.0T / 3.0T
Chassis	Tires	7.00R16LT 10PR Steel Radial Tires
Chassis	Max. Boom Lifting Capacity	4.0T
Chassis	Telescopic Boom Specification	7-section synchronous telescoping boom
Working Parameters		
Working Parameters	Max. Working Height	23m
Working Parameters	Max. Working Outreach	14m
Working Parameters	Platform Rated Load Capacity	200kg
Working Parameters	Boom Slewing Angle	360°
Working Parameters	Platform Dimensions	1500 × 700 × 1100mm
Working Parameters	Platform Rotation Range	±180°
Working Parameters	Outrigger Horizontal Span	5150mm / 4500mm
Working Parameters	Outrigger Longitudinal Span	3400mm
Working Parameters	Brake System	Spring Brake (Air Brake)
Systems		
Systems	Control System	Domestic well-known electronic control system with wireless remote control; three-position operation (platform / turntable / ground)
Systems	Hydraulic System	Electro-hydraulic proportional valve, stepless speed regulation

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DGK8T Multifunctional Aerial Work Vehicle

8T Multifunctional Truck-Mounted Crane Specifications		
Category	Parameter	Value
Product Info		
Product Info	Product Model	8T Multifunctional
Product Info	Chassis Model	Dongfeng Huashen DV3
Product Info	Engine Power	200ps
Product Info	Engine	Yuchai
Product Info	Gross Vehicle Weight	14000kg
Product Info	Overall Dimensions (L×W×H)	9000 × 2550 × 3900mm
Lifting Parameters		
Lifting Parameters	Max. Lifting Moment	200 kN·m
Lifting Parameters	Max. Lifting Capacity	8000kg
Lifting Parameters	Boom Sections	6
Lifting Parameters	Max. Working Outreach	19.6m
Lifting Parameters	Max. Luffing Angle	75°
Lifting Parameters	Max. Working Height	22m
Lifting Parameters	Max. Personnel Lifting Height	25m
Hydraulic System		
Hydraulic System	Rated Working Pressure	16MPa
Hydraulic System	Rated Flow	80L/min
Hydraulic System	Slewing Speed	1.8r/min
Hydraulic System	Slewing Angle	360°
Outriggers		
Outriggers	Outrigger Horizontal Span	7500mm
Outriggers	Outrigger Longitudinal Span	5200mm
Outriggers	Rear Outrigger Span	5300mm

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SQ5-200 8T Multifunctional Aerial Work Vehicle

8T Truck-Mounted Crane Transport Vehicle Specifications		
Category	Parameter	Value
Product Info		
Product Info	Product Model	8T Truck-Mounted Crane Transport Vehicle
Product Info	Chassis Model	CQ1187ES1ZJ
Product Info	Cab	Jiebao H6 Cab
Product Info	Engine	YCK05240-60
Product Info	Gearbox	8JS95TE-C
Product Info	Overall Dimensions (L×W×H)	9000×2550×3850/3700/3650mm
Product Info	Cargo Box Dimensions	6100/6050/6000×2450/2400×600/550mm
Product Info	Gross Vehicle Weight	16000kg
Product Info	Rated Load Capacity	6305/6370/5805/5870kg
Product Info	Front / Rear Axle	5T drum type / HY435 single-stage reduction welded axle, ratio 4.875
Product Info	Tires	10.00R20 18PR
Product Info	Frame	940/865×280×8+8+4mm
Superstructure Configuration		
• 8T 5-section U-shaped straight boom crane • Lifting height: 18.5m; Working radius: 16.5m • Optional 4-section boom: lifting height 15.5m, working radius 13.5m • Optional factory rear fixed outriggers • Single-chamber double-extending outriggers • Double-chamber double-extending outriggers • Factory radiator with work light • Remote control with one-key start/stop • Top-seat operation (upper control) • New hydraulic system and components • Front square outriggers • Upgraded reinforced rear outriggers		

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SQ5-260 10T Multifunctional Aerial Work Vehicle

10T Truck-Mounted Crane Specifications		
Category	Parameter	Value
Technical Parameters		
Technical Parameters	Chassis	Foton Aoling / Auman Planet
Technical Parameters	Overall Dimensions (L×W×H)	9000 × 2550 × 3910mm
Technical Parameters	Curb Weight	12500kg
Technical Parameters	Gross Vehicle Weight	18000kg
Technical Parameters	Max. Lifting Moment	250 kN·m
Technical Parameters	Max. Lifting Capacity	10000kg
Technical Parameters	Boom Sections	5
Technical Parameters	Outrigger Horizontal / Longitudinal Span	7500 / 5300mm
Technical Parameters	Max. Working Outreach	17m
Technical Parameters	Max. Luffing Angle	75°
Technical Parameters	Max. Lifting Height	20m
Technical Parameters	Brake System	Spring Brake (Air Brake)
Technical Parameters	Rated Working Pressure	16MPa
Technical Parameters	Slewing Angle	360°
Technical Parameters	Slewing Speed	1.8r/min
Technical Parameters	Operation Mode	Mid-seat operation, Top-seat operation
Additional Configuration		
• Cruise Control • 10-leaf Front Spring (1650mm length) • 3.5-inch Digital Instrument Cluster • Multifunction Steering Wheel • Front and Rear Drum Brakes • PTO Switch • Remote Control Door Lock • Air-suspension Shock-absorbing Driver Seat • Auman Red Metallic Paint • Middle Seat • Frame: Overall Width 940/860mm, Height 300mm, Width 65/80mm, Thickness 8+5mm • Engine Model: YCS04220-61A • Integrated Heating & Cooling, Manual Air Conditioning • Maintenance-free Batteries: × 100Ah • Aluminum Alloy Fuel Tank: 300L • PTO Type: Lower Left Side + Flange Output • 10+8-leaf Rear Spring • MP3 Player • Power Windows, Central Locking		

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SQ5-400 16T Multifunctional Aerial Work Vehicle

16T Truck-Mounted Crane Specifications		
Category	Parameter	Value
Technical Parameters		
Technical Parameters	Chassis	Auman Planet
Technical Parameters	Overall Dimensions (L×W×H)	12000 × 2550 × 3890mm
Technical Parameters	Engine	Yuchai
Technical Parameters	Gross Vehicle Weight	31000kg
Technical Parameters	Max. Lifting Moment	432 kN·m
Technical Parameters	Max. Lifting Capacity	16000kg
Technical Parameters	Boom Sections	5
Technical Parameters	Wheelbase	2100 + 4575 + 1350mm
Technical Parameters	Max. Working Outreach	19m
Technical Parameters	Max. Luffing Angle	75°
Technical Parameters	Max. Lifting Height	21m
Technical Parameters	Brake System	Spring Brake (Air Brake)
Technical Parameters	Rated Working Pressure	28MPa
Technical Parameters	Slewing Angle	360°
Technical Parameters	Hydraulic Flow	80L/min
Technical Parameters	Operation Mode	Mid-seat operation, Top-seat operation
Additional Configuration		
• Standard Steering Wheel • Drive Axle Ratio: 5.286 • No Daytime Running Lights • Manual Adjustment • No Heated Exterior Mirrors • No Reverse Radar • No Middle Seat • No 360° Surround View • 3.5-inch Segment Code Instrument Cluster • No BSD (Blind Spot Detection) • No ETC Device • Halogen Headlights • MP3 Player • Manual Cab Tilt • Mechanical Instrument Panel		

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