



ISUZU 36 meters ladder truck

Specification:

category	project	unit	data
Size parameters	long	mm	5995
	Width	mm	2000
	hi gh	mm	3000
Quality	Total mass	kg	7300

parameters			
	Curb Weight	kg	4365
	Number of passengers (including driver)	people	3
Main performance parameters	Rated load of working platform	kg	400
	Maximum operating height	m	36
	Longitudinal span	mm	4200
Configuration parameters	Chassis	-	ISUZU
	Fuel Type	-	diesel fuel
	Engine power	ml/kW	2499/95
	Emission Standards	-	Euro VI
	Number of axes	individual	2

Driving parameters			
	Number of tires	individual	6+1
	Tire specifications	-	7.00R16LT
	Maximum driving speed	km/h	100
Outriggers	Type: Front and rear X-shaped, individually adjustable. Longitudinal span 4200		
	Number of outriggers: 4, eight cylinders.		
	Control: adjustable individually or in conjunction		
Main Operation	Operating position: rotating platform , under the cargo box or remote control		
	Control element: electromagnetic four-way proportional valve with overload protection . M+S motor		
	Control mode: oil-electric proportional control system, stepless speed regulation		
Girder	160*65 Large section profile		
Vehicle plate	BS700 High Strength Plate		
Hoardings , walkways	Hard aluminum alloy and five series high-strength patterned aluminum plate		
Height of cargo box from ground	45cm		
Ladder structure	High-strength hard aluminum alloy oxide coating, eight sections synchronously retractable.		
Trolley structure	Secondary linkage /direct pull type (optional)		
Rotating device	Bidirectional 180° rotation, overload protection device.		

Steel Cable	Imported quality custom made high strength steel cable . Small expansion ratio and high strength.
Outrigger structure	Internal space reinforced box structure
Cargo Box	The rear door can be opened and closed manually or by remote control.
Power Output	Chassis engine /oil-electric integration (optional)
remote control	IP68 grade, waterproof, drop-proof, LCD display, full vehicle remote control, each action has full speed and slow speed operation stability, ladder and cargo box remote control are combined into one.
Weighing	The cargo box has a weighing function to prevent danger from overloading.
Top	Prevent the ladder arm from being damaged by erroneous operation .
360 degree continuous rotation	This prevents customers from forgetting the direction of the ladder when they are busy and causing it to rotate more than 360 degrees, damaging oil pipes and wires.
Up and down positioning	The up and down positioning operation is simple. If you are not satisfied with any of the positioning positions, you only need to adjust the unsatisfactory one. Positioning can also be operated on the remote control.
positioning accuracy	The cargo box positioning accuracy does not exceed $\pm 2\text{CM}$.
Interlocking device for boarding and exiting	Used for interlocking when getting on and off the vehicle to prevent danger caused by misoperation
Vehicle level tester	Can detect the tilt status of the vehicle in both the lateral and longitudinal directions
Ladder limit alarm device	Automatic alarm prompt when the ladder reaches the limit

Emergency brake device	Used to force stop the platform operation		
One-touch ignition and shutdown	The engine can be started and stopped at the operating console.		
Night safety lighting	There are 2 engineering lights installed on the operating table		
Component Name	Details	illustrate	
remote control	Imported from Germany	Ultra-long remote control distance (120-150 meters) cargo box and vehicle remote control integrated operation	
Ladder arm control valve	Import Customization	Four-way overload protection device	
Dump bucket	patent	Low height, large turning angle, convenient automatic operation	
alarm system	patent	Voice and indicator light alarm	
X-Legs	patent	Large span, safe and reliable	
GPS	Import Customization	Low failure rate, high precision and long life	
Rotary system	patent	Automatically identify the ladder arm rotation angle to prevent excessive rotation from damaging the oil pipe and circuit	
Automatic operation system	Imported from Germany	Microcomputer control, automatic acceleration and deceleration, protection of steel cables and ladder arms	
hoist	Import Customization	Long life and low failure rate	
Ladder boom	imported from Korea	Aviation aluminum profiles	
Wire Rope	Imported quality customization	Export-specific wire rope, low elasticity , high strength	

Computer controller	Import Customization	Exclusively customized control system, code-level adjustment	
motor	Import Customization	Imported and customized, long life and low failure rate	
Brakes	Import Customization	Imported and customized, long life and low failure rate	