



spartek
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DOLPHINprestige
Designed For You





ENGINE

With 3168 cc, 50 hp and a rated output of 36,8 KW/ 2400 rpm, the *XINCHAI A498BT1 Diesel powered engine* with Euro III emission standard is consolidated as the most *cost-efficient* engine in the industry



VALVE

With the quality standards of national production, our specially designed *control valve* and *Hydraulic pump* allows faster and more *efficient lifting*



SEAT

Customizable ergonomic seat with safety belt (complies with international occupational health and safety standards)



STEERING

Comfortable and easy to drive steering system with smooth handling and high sensitivity



LED LIGHTING

High-quality LED lighting system with bidirectional focus



CONTROL SYSTEM

Customizable and soft-driving Control system, with Hydraulic joystick option



BALANCE WEIGHT

Double connection counterweight with native design for higher air release and better equilibrium



MAST

High-performance and customizable mast made with harder and lighter stainless steel



CABIN

CE Certified, with Austrian imported raw materials and cutting edge welding techniques, we produce a cabin that meets the highest safety international standards



Specifications

Manufacturer		Spartek			
1	Brand	Dolphin Prestige			
2	Fuel Type	Diesel			
3	Mass Center	mm	500		
4	Operator Type	Seat			

Dimensions			Triplex	4700	6000	Dublex 3300
5	Max.Mast Height	h4	mm	5910	7210	4510
6	Mast Lift Height Of Fork	h3	mm	4700	6010	3300
7	Height Of Mast	h1	mm	2240	2780	2200
8	Free Lift Height Incude Backrest	h2	mm	1070	1550	160
9	Height Of Load-Backrest	h8	mm	1210	1210	1210
10	Front-Wheel Overhead	h6	mm	2190	2190	2190
11	Length(With/Without Fork)	L1/L2	mm	3920/2700	3920/2700	3920/2700
12	Front Overhang	x	mm	479	479	479
13	Wheelbase	L5	mm	1700	1700	1700
14	Min. Ground Clearance	m1	mm	150	150	150
15	Overall Width	B	mm	1230	1230	1230
16	Min. Turn Radius (Outside)	Wa	mm	2400	2400	2400
17	Min. Turn Radius (Inside)	V	mm	200	200	200
18	Tilting Angles	α/β	$^{\circ}$	6°/6°	3°/6°	6°/12°
19	Fork Dimension	axbxc	mm	1200x125x45		1200x125x45

Model			DPD 30	DPD 35
Capacity		kg	3000	3500
20	Max Driving Speed	km/h	18/19	19/19
21	Lifting Speed	mm/s	460/480	460/480
22	Lowering Speed	mm/s	500/450	500/450
23	Max. Tractive Force	kN	20/16	20/16,3
24	Max. Driving Angle	$^{\circ}$	20°/20°	16,5°/20°

Weight				
25	Total Weight	kg	4650	4900
26	Distributed Weight / Full Load (Front/Rear)	kg	6810/840	7465/935
27	Distributed Weight / Zero Load (Front/Rear)	kg	1850/2800	1980/2920

Tyres				
28	Tyres Quantity		2x2	
29	Tyres Type		Pneumatic	
30	Tyres Size (Front/Rear)		28X9-15/6.50-10	
31	Driving Brake		Hydraulic	
32	Parking Brake		Mechanic	

Power and Gearbox				
33	Battery	V/Ah	12/90	
34	Engine Model		A498BT1	
35	Engine Rated Output	KW/rpm	36,8/2400	
36	Engine Rated Torque	Nm/rpm	186/1700-1800	
37	No. Of Cylinders		4-90x105	
38	Engine Displacement	CC	3168	
39	Fuel Tank Capacity	L	85	
40	No. Of Speeds		Automatic 1/1	

