



S35 3.5 Ton Performance Parameters

General	1	Model		S35	
	2	Rated Load Capacity	kg	3500	
Dimensions	3	Load Center	mm	500	
	4	Lifting Height (A2)	mm	3000	
	5	Free Lifting Height (A4)	mm	135	
	6	Fork Size (B1)	LxWxT	1220X125X50	
	7	Mast Tilting Angle	F/R	6/12	
	8	Length(without fork) (B4)	mm	2755	
	9	Overall Width (C1)	mm	1225	
	10	Mast Hight After Mast Fall (A3)	mm	2180	
	11	Lift Height (A1)	mm	4100	
	12	Overhead Guard Height (A5)	mm	2150	
	13	Turning Radius (C2)	mm	2515	
	14	Front Overhang (B2)	mm	485	
	15	Min.Right Angle Channel Width	mm	2545	
	16	Wheelbase (B3)	mm	1760	
	17	Track	Front	mm	1000
			Rear	mm	970
	19	Ground Clearance	Mast	mm	130
			Car Center	mm	200
Performance	Speed	Travel	Full Load	km/h	18
			No Load	km/h	19.5
		Lifting	Full Load	mm/s	330
			No Load	mm/s	370
		Lowering	Full Load	mm/s	400
			No Load	mm/s	350
27	Max.Drawbar Pull	Full/No Load	kg	1850/1250	
28	Max.Gradeability	Full/No Load	%	15/18	
Tire	29	Front Tire		28X9-15	
	30	Rear Tire		650-10	
Weight	31	Total Weight	kg	4650	
	32	Battery	Voltage/Capacity	V/AH	12/80
Power& Transmission	33	Model		Xinchai4D27G31 Quanchai4C2-50V32 /4C2-50C43(康四)	
	34	Engine	Rated Power/Speed	Kw/rpm 36.8/2500 36.8/2500	
	35	Engine	Max.Torque/Speed	N.m/rpm 157/1800 157/1800	
36	Work Pressure	Mpa		17.5	

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- Adopt a new design style
- Bold rear legs of the overhead guard to ensure the safety of the driver
- The design accords with ergonomics, the driving is comfortable, the field of vision is wide, the operation is sensitive
- Hydraulic system of priority valve is configured to effectively improve the lifting speed
- Using integrally cast steering axle and drive axle to improve the reliability of the whole vehicle
- Using solid counterweight, the turning radius is greatly reduced

3.5t 2 Stage Mast

Mast Height	Carrying Capacity (Load center is 500mm)(kg)	Mast Height After Mast Fall	Free Lifting Height (mm)	Full Mast Height (mm)	Mast Tilting Angle (F/R)	Total Weight (kg)
2000	3500	1680	135	3100	6-12°	4565
2500	3500	1930	135	3600	6-12°	4600
3000	3500	2180	135	4100	6-12°	4650
3300	3500	2330	135	4400	6-12°	4675
3500	3500	2430	135	4600	6-12°	4700
3700	3500	2530	135	4800	6-12°	4720
4000	3200*3500	2730	135	5100	6-6°	4785
4250	2850*3000	2855	135	5350	6-6°	4810
4500	2600*3000	2980	135	5600	6-6°	4835
5000	2100*2850	3230	135	6100	3-6°	4880
5500	*2400	3530	135	6600	3-6°	4930
6000	*2000	3780	135	7100	3-6°	4975

Note:(1)*indicates the rated load capacity of double tires on the front wheel
 (2) The self-Weight in the table is the weight of double tires:+110kg