

F 3.5 Tons Performance Parameters

- With a stylish and stable appearance, four-wheel drive and off-road tires make it suitable for complex and rugged terrain.
- **The original powerful engine paired with a dedicated transmission** provides ample power, enabling fearless off-road operations.
- **A high-quality hydraulic system ensures sensitive and efficient response**, with load-sensing acceleration for improved work efficiency.
- **The widened, steeply angled mast** offers excellent visibility and strong load-bearing capacity, while the buffer design enhances safety.
- **Upgraded heat dissipation and sealing structure**, along with a rational center of gravity layout, provides comfortable handling and durable, worry-free operation in the field.

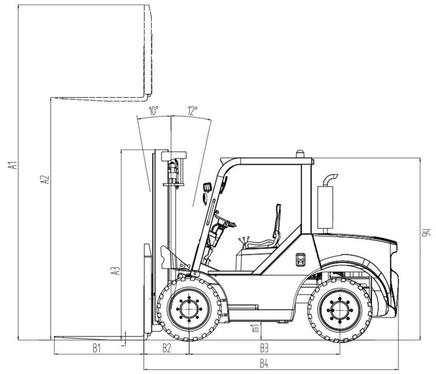
HIGH PERFORMANCE HYDRAULIC CYLINDER

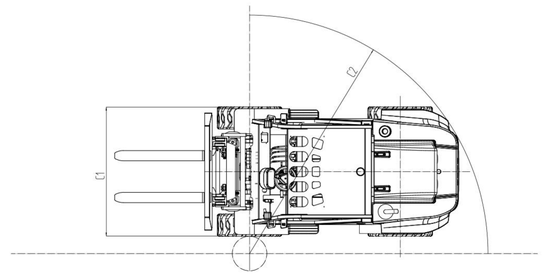
POWERFUL ENGINE

LOW FUEL CONSUMPTION AND HIGH PERFORMANCE

WEAR-RESISTANT TYRE

ULTRA-HIGH SECURITY





F 3.5 Tons Performance Parameters

General	1	Model			F35
	2	Rated Load Capacity		kg	3500
	3	Load Center		mm	500
Dimensions	4	Lifting Height (A2)		mm	3000
	5	Free lifting Height (A4)		mm	135
	6	Fork Size (B1)	LxWxT	mm	1220X122X50
	7	Mast Tilting Angle	F/R		10/12
	8	Length(without fork) (B4)		mm	3170
	9	Overall Width (C1)		mm	1590
	10	Mast Height After Mast Fall (A3)		mm	2260
	11	Lift Height (A1)		mm	4100
	12	Overhead Guard Height (A5)		mm	2400
	13	Turning Radius (C2)		mm	3640
	14	Front /back Overhang (B2)		mm	580
	15	Min. Right Angle Stacking Width		mm	2580
	16	Wheelbase (B3)		mm	2000
	17	Track	Front	mm	1240
	18		Rear	mm	1220
	19	Ground Clearance	Mast	mm	270
	20		Car Center	mm	310
Performance	21	Speed	Travel Full Load	km/h	19
	22		Travel No Load	km/h	30
	23		Lifting Full Load	mm/s	320
	24		Lifting No Load	mm/s	340
	25		Lowering Full Load	mm/s	370
	26		Lowering No Load	mm/s	350
	27	Max.Drawbar Pull	Full/No Load	kg	1850/1250
	28	Max.Gradeability	Full/No Load	%	15/19
Tire	29	Front Tire			14-17.5-14PR
	30	Rear Tire			10-16.5-10PR
Weight	31	Total Weight		kg	5615
Power& Transmission	32	Battery	Voltage/Capacity	V/AH	12/80
	33	Engine	Model		XINCHAI A498BPG
	34		Rated Power/ Speed	Kw/rpm	45/2500
	35	Work Pressure		Mpa	18.5
	36	Gear			T/M

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	1775	135	3100	6-12°	5535
2500	3500	2025	135	3600	6-12°	5575
3000	3500	2275	135	4100	6-12°	5615
3300	3500	2425	135	4400	6-12°	5640
3500	3500	2525	135	4600	6-12°	5655
3700	3500	2625	135	4800	6-12°	5670
4000	3200	2825	135	5100	6-6°	5695
4250	2850	2950	135	5350	6-6°	5715
4500	2600	3075	135	5600	6-6°	5735
5000	2100	3325	135	6100	3-6°	5775
5500	2000	3625	135	6600	3-6°	5815
6000	1500	3875	135	7100	3-6°	5855

3.5t 3 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)
3600	3300	1975	725	4700	6-6°	5735
4000	3300	2100	850	5100	6-6°	5785
4350	3000	2225	975	5450	6-6°	5875
4500	2900	2275	1025	5600	6-6°	5885
4800	2500	2375	1125	5900	6-6°	5910
5000	2500	2475	1225	6100	6-6°	5935
5400	1800	2600	1450	6500	3-6°	5975
6000	1300	2825	1675	7100	3-6°	6065