



5.0Ton Diesel Forklift Truck

ST50K

This 5-ton forklift is designed for customers with low daily working intensity.

If you only move 5-ton loads occasionally (most work involves under 5 tons), it's your best choice—cost-effective and built to solve routine material handling problems.

High Reliability

Improved mast strength and rigidity

Reduced front overhang improves truck stability.

Efficient operation

The lifting speed improved.

The lights switch is integrated on steering



Standard configuration		Optional	Available attachment
Standard Chinese engine	Traction pin	2 stage mast 3.3-5m	Side shifter
Automatic transmission	Backrest	2 stage FFL mast 3-4m	Fork positioner
2 stage 3m mast wide view	Overhead guard	3 stage FFL mast 4-7m	Fork
Rear mirror	Backward buzzer	Mechanical transmission	Bale clamp
2 section control valve	Filter of hydraulic oil circuit	Fork 1520-2000mm	Paper roll clamp
Pneumatic tires	Safety switch for neutral gear	Half closed cabin	Rotating fork
Parking brake lever	Rainproof for overhead guard	Full closed cabin	Cargo boom
Inching control pedal	Durable tire with pattern	Heater or Cooler	Multi-function drum clamp
Fuse box	Cable type parking brake	Solid tire	Rotating clamp
Rearview mirrors	Full hydraulic power steering	No-marking solid tires	Widen fork carrier
Anti-restart ignition key switch	Levers for lifting and tilting	Double front pneumatic tire	Lengthen fork extension
2 starting key Light switch	Double air cleaner	Double front solid tires	Load stabilizer
Electric horn	Adjustable steering column	Speed meter	Push-pull
Wide view mast	Engine fault indicator	In oil air filters	Tilting fork/bucket
Luxury seat	Preheating indicator	Fire extinguisher	
Front lamp	Hydraulic oil gauge	Rear working light	
Rear combined light	Transmission oil gauge	Suspension seat	
Shaped pedal pad	Reversing light	OPS seat	
Transmission oil filter	Hour meter Fuel gauge	Custom paint	
Fork 1220mm-1520mm	Charging indicator	High installed exhaust	
Water temperature gauge	Oil pressure alarm		



Technical parameters

1	Model		ST50K
2	Fuel model		Diesel
3	Load capacity	kg	5000
4	Load center	mm	500
5	Lift height	mm	3000
6	Full free lift height	mm	100
7	Fork dimension	mm	1070×150×50
8	Mast tilting angle	Deg.	6/12
9	Min.turning radius	mm	2680
10	Ground clearance	mm	135
11	Overhead guard height	mm	2210
12	Front overhang	mm	495
13	Max travel speed	km/h	22
14	Max lift speed	mm/s	330
15	Max.traction power	KN	18.5
16	Max. gradeability	%	20
17	Total length with fork	mm	4195
18	Total length without fork	mm	2975
19	Total width	mm	1380
20	Mast extended height	mm	4250
21	Mast lowered height	mm	2185
22	Tyres Front		300-15-18PR
23	Type Rear		700-12-10PR
24	Wheelbase	mm	1960
25	Tread	mm	1000/970
26	Service weight	Kg	5300
27	Battery	V/Ah	12/80
28	Engine model		Xinchai A498BPG
29	Engine power	kw/r.p.m	45
30	Transmission		Automatic
31	Work press	Mpa	18.5