



5.0Ton Diesel Forklift Truck

ST50E

This 5-ton forklift is redesigned to enhance performance: featuring an increased wheelbase, a larger radiator tank for higher heat dissipation efficiency, it balances cost-effectiveness while being fully capable of high-intensity operations.

Efficient operation

The lifting speed improved.

The lights switch is integrated on steering knob and it is convenient for operation.

Excellent performance

The oil consumption is reduced.

Large radiator

LED lights are standard.



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		ST50E
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	0
7	Fork dimension	mm	1070×150×50
8	Mast tilting angle	Deg.	6/12
9	Min.turning radius	mm	3150
10	Ground clearance	mm	140
11	Overhead guard height	mm	2180
12	Front overhang	mm	550
13	Max travel speed	km/h	21
14	Max lift speed	mm/s	360
15	Max.traction power	KN	18
16	Max. gradeability	%	20
17	Total length with fork	mm	4520
18	Total length without fork	mm	3300
19	Total width	mm	1400
20	Mast extended height	mm	4265
21	Mast lowered height	mm	2180
22	Tyres Front		300-15-12PR
23	Type Rear		700-12-12PR
24	Wheelbase	mm	2250
25	Tread	mm	1130/1100
26	Service weight	Kg	5900
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	20