



5.0Ton Heavy-duty Diesel Forklift Truck

ST50L

5 ton heavy-duty forklift, dual front-wheel design for stable load holding, high-power engine with robust performance, Ideal for steel, stone, port and other heavy-duty applications, delivering stable and efficient operation for high-intensity heavy cargo handling.

- ❖ Load Center Distance: 600mm
- ❖ Rugged Heavy-Duty Mast
- ❖ Stable High-Precision Hydraulic System
- ❖ Robust Ample Power
- ❖ Dual Front-Wheel Design
- ❖ Hydraulic Rear-Wheel 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		ST50L
2	Fuel model		Diesel
3	Load capacity	kg	5000
4	Load center	mm	600
5	Lift height	mm	3000
6	Full free lift height	mm	200
7	Fork dimension	mm	1220×150×55
8	Mast tilting angle	Deg.	6/12
9	Min.turning radius	mm	3250
10	Ground clearance	mm	200
11	Overhead guard height	mm	2450
12	Front overhang	mm	590
13	Max travel speed	km/h	29
14	Max lift speed	mm/s	550
15	Max.traction power	KN	54
16	Max. gradeability	%	35
17	Total length with fork	mm	4660
18	Total length without fork	mm	3440
19	Total width	mm	1995
20	Mast extended height	mm	4400
21	Mast lowered height	mm	2500
22	Tyres Front		8.25-15-14PR
23	Type Rear		8.25-15-14PR
24	Wheelbase	mm	2250
25	Tread	mm	1470/1700
26	Service weight	Kg	7980
27	Battery	V/Ah	(12/80)x2
28	Engine model		Xichai CA6110
29	Engine power	kw/r.p.m	85
30	Transmission		Automatic
31	Work press	Mpa	20