



5Ton diesel forklift

ST50

HIGH PERFORMANCE

- ❖ Transmission with Differential Lock
- ❖ aluminum plate-fin type radiator
- ❖ Small turning radius
- ❖ steering flexible
- ❖ Vibration and noise reduced

RELIABILITY

- ❖ Durable and powerful engines
- ❖ Wide-base deep tread tyres
- ❖ Large Steering Angle
- ❖ High Ground Clearance

EASY MAINTENANCE

- ❖ Board forward visibility
- ❖ Ergonomics Operation
- ❖ Full closed cabin(Optional)



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		

Specification of 5Ton Diesel Forklift

Specification			ST50	
1	Fuel model		Diesel	
2	Load capacity	kg	5000	
3	Load center	mm	500	
4	Lift height	mm	3000	
5	Full free lift height	mm	200	
6	Fork dimension	mm	1220×150×50	
7	Mast tilting angle	Deg.	6/12	
8	Min.turning radius	mm	3050	
9	Groud clearance	mm	140	
10	Overhead guard height	mm	2290	
11	Front overhang	mm	570	
12	Max travel speed	km/h	25	
13	Max lift speed	mm/s	430	
14	Max.traction power	KN	23	
15	Max. gradeability	%	18	
16	Total length with fork	mm	4520	
17	Total length without fork	mm	3300	
18	Total width	mm	1480	
19	Mast extended height	mm	4300	
20	Mast lowered height	mm	2190	
21	Tyres		Pneumaic, 2/2	
22	Tyres Front		300-15-20PR	
23	Type Rear		700-12-12PR	
24	Wheelbase	mm	2200	
25	Tread	mm	1180/1190	
26	Service weight	Kg	6900	
27	Battery	V/Ah	(12/80) x2	
28	Engine model		Xinchai 4D35	Mitsubishi S6S
29	Engine power	kw/r.p.m	60/2200	53/220
30	Transmission		Automatic	
31	Work press	Mpa	18.5	