

Forklift Truck SCZ25-4



Forklift Truck

The wide space of the cab broadens the line of sight. SCZ25-4 forklift truck consists of adjustable steering wheel, ergonomic chair and rubber suspension damping system, providing a comfortable driving environment. SCZ25-4 forklift truck has the advantages of low emission, high torque, low speed, strong power, high reliability, environmental protection, safety and pretty appearance.

1. Performance Parameters (Forklift Truck SCZ25-4)

Rated lifting weight/standard load centre distance	2500Kg/500mm
Max. lifting height	6000mm(±100mm)
Overhanging distance at Max. lifting height	1000mm
Max. overhanging distance (horizontal)	3000mm
Lifting height at max. overhanging distance	1450mm
Lifting weight at max. overhanging distance	1000Kg
Lifting speed (with full load)	0.35m/s
Extending/contracting speed	13m/s

Traveling speed

Forward gear	12Km/h
Forward gear	28Km/h
Backward gear	2Km/h
Backward gear	28Km/h
Max. gradeability (with zero load)	20%
Min. turning Diameter (center of outer wheel)	12500mm
Min. ground clearance	310mm
Operating weight	7000Kg

2. Engine (Forklift Truck SCZ25-4)

Model	CUMMINS4BT3.9-C80
Type	four-stroke, water-cooling, in-line
Rated power	60Kw
Rated speed	2000r/min
Max. torque and rotary speed	330/1500N.m/r.min
Number of cylinder	4
Diameter of cylinder	102mm
Piston stroke	120mm
Displacement	3.9L
Compression ratio	17.5:1
Cooling manner	water cooling
Starting manner	electric starting
Dry weight	320Kg

3. Hydraulic Torque Converter (Forklift Truck)

Type	single-stage, three-phase, four operating wheels
Diameter of circulating circle	323mm
Max. torque ratio	3.5
Highest efficiency	0.85
Control oil pressure	1.1 ~ 1.5MPa
Torque converter oil pressure	0.5 ~ 0.7MPa
Cooling manner	oil-cooling, circulation under pressure

4. Transmission Case

Type	(Fixed shaft, power shift, straight tooth column gear) gearshift ratio
Forward gear (front/rear axle)	1.829/2.229
Forward gear (front/rear axle)	0.65/0.792
Backward gear (front/rear axle)	1.829/2.229
Backward gear (front/rear axle)	0.65/0.792

5. Front Driving Axle

Main transmission Type Transmission ratio	spiral bevel gear 5.5
Two-stage reduction, straight tooth round gear, fixed shaft Transmission ratio	3.692

7. Tyres (Forklift Truck)

Specification (front/rear)	16/70-20/8.25-20
----------------------------	------------------

Inflation pressure (front/rear)	0.35/0.75MPa
Quantity	2/2

8. Steering System (Forklift Truck)

Model of load sensing steering gear	BZZ5-160
Pressure of system	8MPa
Displacement	40ml/r
Inner diameter and quantity of steering cylinder	63mm×2

9. Service Brake (Forklift Truck)

Type	manual hydraulic wet friction disk
Diameter of brake piston	80mm
Diameter of brake wheel cylinder	32mm

SHANGHAI VOSTOSUN INDUSTRIAL CO., LTD

<http://www.vostomachinery.com>