

Data Sheet for Diesel Forklift

Type and name of vehicle : 8FD50N Diesel Forklift
 Name of Manufacturer & Origin : Toyota -China
 Lifting Capacity : 5,000Kg at 600 mm load center.

Completely brand new, suitable for tropical area , dusty area , suitable for Iraqi fuel.

Mast:

Mast type : Two stages limited free lift with load backrest.
 Mast model : Wide visible two stages mast.
 Max. fork height : 3,000 mm
 Height with mast raised : 4,435 mm
 Overall lowered height : 2,450 mm
 Standard free lift : 120 mm
 Tilting : 6 degree forward / 12 degree backward.
 Forks dimension : Pair of forks (60 x 150 x 1,220)mm.

Engine:

Make and model : TOYOTA / 14Z- II ,Tier 2
 Rated engine power : 75 Hp @ 2,100 rpm
 No. of cylinders & description : 6 cylinders, (Diesel engine).
 Bore & Stroke : 98 mm x 115 mm
 Total Displacement : 5.2 L
 Air intake : Air cleaner with snorkel.
 Air filter : Large element air filter , with cyclone air cleaner(Dual element).
 Fuel filter : Fuel filter with water separator.

Electric system:

Batteries : 12 volt , 64 Ah
 Start motor : 12 V
 Lights : Front & Rear combination lights.

Axle and Wheels:

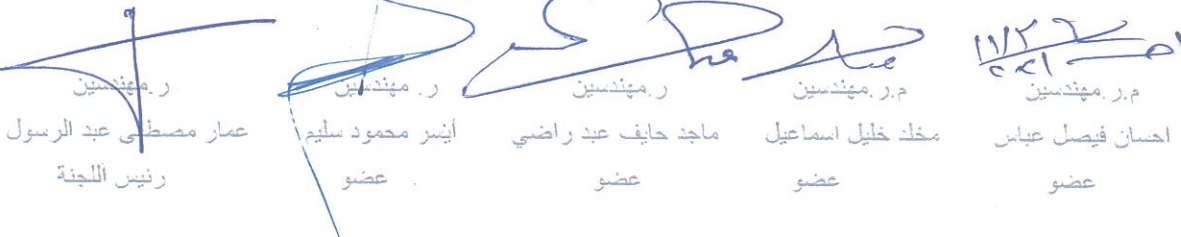
Drive system type : Front traction.
 Front Axle : Full floating type.
 Axel loading (unloaded) front, rear : (3,045 / 4,195) kg
 Axel loading (loaded) front, rear : (10,930 / 1,310) kg
 Tires type : Pneumatic tire.
 Tires size Front : 8.25-15-14PR.-Penumatic Double Tire
 Tires size Rear : 7 00-12-14PR- Pneumatic
 Grade ability (unloaded, loaded) : (22 , 30) %

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DATA SHEET FOR TOYOTA - (8FD50N)

Power Train & Transmission Equipment:

Type of Transmission : Automatic transmission- Power shift.
 Number of speed : 1 forward & 1 reverse.
 Type of drive control : Electro Hydraulic.
 Travel speed (unloaded, loaded) : (23.5 , 22.5) km/hr



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Type of Lifting cylinder : Single acting piston type.
 Type of Tilt cylinder : Double acting piston type.
 operating pressure system for attachment : 185 Kg/cm².
 Type of hydraulic pump : Gear pump.

Brake system:

Type of Service brake, control : Hydraulic brake.
 Parking brake : Hand brake.

Steering system:

Steering system type : Fully hydrostatic power Steering.
 Min. Turing Radius : 2,810 mm

Operator Station & Equipment :

Cabin : No cabin, Steel structure, overhead guard.
 Mirrors : Rear view fixed outside mounted.
 Driver's seat : Adjustable suspension seat with seat belt.
 Steering : Adjustable Steering column.
 Levers : Forward – reverse speed change ,Lifting & tilting control.
 Pedals : Accelerator , Brake.
 Horn : Electric horn.
 And all necessary instrument & indicators, monitoring system , levers ,pedals , gauges ,switches ,lamps.

Measurement:

Length of track to fork face : 3,170 mm
 Overall width : 1,450 mm
 Height overhead guard (cabin) : 2,300 mm
 Ground clearance at center of wheel base : 230 mm
 Wheel base : 2,000 mm
 Service weight : 7,240 Kg

Year of manufacturing :


Year Manufacturing shall be according to order.

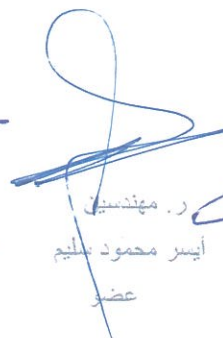
And all TOYOTA necessary standard equipment.


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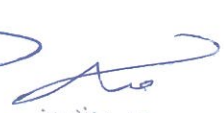
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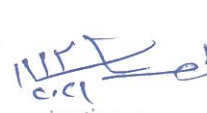
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