



# DIESEL ENGINE FORKLIFT

MODEL : PFD250S-II · PFD250S-III

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### ■ MAIN SPECIFICATIONS

Overall height fork raised (with backrest): (mm) 4080  
Max lifting height: (mm) 3000  
Free lift: (mm) 60  
Overall height (fork lowered, upright): (mm) 2095  
Backrest height (from upper face of forks): (mm) 1000  
Overall length (with forks): (mm) 3605  
Overall length (without forks): (mm) 2605  
Overall height (overhead guard): (mm) 2095  
Overall width: (mm) 1160  
Fork length: (mm) 1070  
Fork thickness: (mm) 40  
Fork width: (mm) 122  
Lateral fork (outside fork): (mm) 1040  
Overhead guard clearance (from seat face): (mm) 1000  
Front overhang: (mm) 451  
Rear overhang: (mm) 495  
Wheelbase: (mm) 1640  
Tread (front tires): (mm) 970  
Tread (rear tires): (mm) 970  
Min. under clearance (bottom of mast): (mm) 110  
Min. turning radius: (mm) 2450  
Min. intersecting aisle: (mm) 2050  
Tilting angles (forward/backward): (°) 6/12  
Load capacity: (kg) 2500  
Load center: (mm) 500  
Mast Type: 2 Stage  
Lifting speed (with load/without load): (mm/s) 400/580  
Lowering speed (with load/without load): (mm/s) <430/320  
Max driving speed (with load/without load): (km/h) 17/19  
Max. gradeability: (%) 20  
Weight distribution with load (front/rear): (%) 82/18  
Weight distribution without load (front/rear): (%) 35/65  
Battery voltage/Capacity: (v/Ah) 90  
Total weight: (kg) 3650



### ■ ENGINE

PFD250S-II	PFD250S-III
Model: ISUZU 4JB1	FUJI FE55TDI
Rated Power: (HP) 53	55
Power Type: Diesel	Diesel

### ■ TRANSMISSION

Transmission Type: Torque Converter

### ■ BRAKE SYSTEM

Brake distance: (m) ≤6  
Service brake: Hydraulic Pedal Operation  
Parking brake: Mechanical-Hand Operation

### ■ TIRES

Tire Type: Pneumatic  
Tire Size (Front / Rear): 7.00-12 /  
6.00-9