



# AGRICULTURAL TRACTOR

MODEL : PAT1100

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### ■ MAIN SPECIFICATIONS

Type: 4x2  
Traction force: (kN) 18.7  
Max. power PTO shaft: (kW) 64.3  
Wheelbase (front): (mm) 1400~1900  
Wheelbase (rear): (mm) 1500~2100  
Min. ground clearance: (mm) 450  
Axle base: (mm) 2410  
Turning radius: (m) 4.1±0.3  
Weight: (kg) 3030

### ■ ENGINE

Model: DEUTZ WP4T110E200  
Type: Direction injection, water-cooling, 4 strokes,  
Rated Power: (HP) 110  
Rated Speed: (rpm) 2200  
No. of Cylinder: 4

### ■ TRANSMISSION

No. of Speed: 12F + 12R

### ■ CLUTCH

Clutch : LUK (Germany)  
Type: Dry, Single , Dual Acting

### ■ CENTRAL DRIVE

Type: Spiral bevel gear

### ■ DIFFERENTIAL

Type: Closed, 4 planetary bevel gear

### ■ DIFFERENTIAL LOCK

Type: Lock pin type

### ■ TIRE

Size (Front/Rear): 7.50-20/14.90-30



### ■ BRAKE SYSTEM

Running brake: Hydrostatic, disk, wet  
Parking brake: Independent hand brake

### ■ STEERING SYSTEM

Type: Front wheel steering  
Steering gear: Hydrostatic steering

### ■ HYDRAULIC SUSPENSION SYSTEM

Type: Split  
Hydraulic system: Open-center  
Setting pressure of safety valve: (MPa) 20.5-21.5

### ■ OPTIONAL

Cabin  
Air Con  
Disc Plow  
Disc Harrow  
Mower  
Front Blade  
4 in 1 Front Loader  
Rear Backhoe  
Sweeper  
Trailer  
Euro III Engine