



AGRICULTURAL TRACTOR

MODEL : PAT1000S

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Type: 4x4
Overall Length: (mm) 4530
Overall Width: (mm) 2100
Overall Height: (mm) 3000
Traction force: (kN) 20.9
Max. power PTO shaft: (kW) 59.5
Wheelbase (front): (mm) 1630~1960
Wheelbase (rear): (mm) 1520~2120
Min. ground clearance: (mm) 450
Axle base: (mm) 2410
Turning radius: (m) 5.6±0.3
Weight: (kg) 3920

■ ENGINE

Model: DEUTZ WP4T100E20 / POWERPLUS C100
Type: Direction injection, water-cooling, 4 strokes,
Rated Power: (HP) 100
Rated Speed: (rpm) 2300
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): 13.6-24/16.9-34



■ 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