



BACKHOE LOADER

MODEL : PBL300S

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 7085
Width: (mm) 2313
Height: (mm) 3424
Rated load: (kg) 1700
Operating weight: (kg) 7400
Wheelbase (mm) 2155.5
Back wheel tread: (mm) 1700
Front wheel tread: (mm) 1880
Min. ground clearance: (mm) 355



■ LOADER PERFORMANCE

Rated load bucket capacity: (m³) 1.0
Max. dump clearance: (mm) 2714
Max. dump reach (mm) 845
Dump angle at any position: (°) ≥ 43.5
Lifting time of loading bucket: (s) ≤ 4.5
Lowering time of loading bucket: (s) ≤ 3.5
Dumping time: (s) ≤ 1.5

■ BACKHOE PERFORMANCE

Rated digging bucket capacity: (m³) 0.3
Max. dumping height: (mm) 3737
Max. digging depth: (mm) 4338
Max. digging radius: (mm) 5481

■ TRAVEL

Traveling speed: (Km/h) 4 forward & 4 reverse
I gear forward / reverse : 6.0 / 6.0
II gear forward / reverse : 9.6 / 9.6
III gear forward / reverse : 20.5 / 20.5
IV gear forward / reverse : 38 / 38

■ ENGINE

Model: WD DEUTZ WP4G95 / POWERPLUS C95 / CUMMINS 4BTA3.9-C110
Rated output: (HP) 95 / 110
Rated speed: (rpm) 2200

■ TRANSMISSION SYSTEM

Model: CARRARO
Torque Converter Cooling type: Pressure oil circulating
Transmission case type: Synchromesh mechanical shift
Gear shift position: 4 Forward & 4 Reverse

■ STEERING SYSTEM

Type: Front wheel steering
System pressure: (kgf/cm²) 140

■ AXLE AND TIRE

Model: CARRARO
Type of main reducer: Spiral bevel gear, single stage
Type of final reducer: Single stage planetary
Front tire: 11L-16F3-12PR
Rear tire: 19.5L-24R4-12PR
Axle Drive: 4x2