



BACKHOE LOADER

MODEL : PBL400S

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Length: (mm) 5835
Width: (mm) 2313
Height: (mm) 3548
Rated load: (kg) 1700
Operating weight: (kg) 8000
Wheelbase: (mm) 2155.5
Back wheel tread: (mm) 1700
Front wheel tread: (mm) 1800
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) 0.2
Max. dumping height: (mm) 3510
Max. digging depth: (mm) 4365
Max. digging radius: (mm) 5390

■ 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: POWERPLUS C110 / CUMMINS 4BTA3.9-C110
Rated output: (HP) 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