



# BACKHOE LOADER

MODEL : PBL480S

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### ■ MAIN SPECIFICATIONS

Length : (mm) 5800  
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) 275

### ■ LOADER PERFORMANCE

Rated load bucket capacity: (m<sup>3</sup>) 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: (m<sup>3</sup>) 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 : 5.8 / 7.0  
II gear forward / reverse : 10.5 / 12.6  
III gear forward / reverse : 20.1 / 24.3  
IV gear forward / reverse : 40.2 / 48.6

### ■ 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/cm<sup>2</sup>) 140

### ■ AXLE AND TIRE

Model: CARRARO  
Type of main reducer: Spiral bevel gear, single stage  
Type of final reducer: Single stage planetary  
Max. steering angle : (°) 55  
Front tire: 12-16.5NHS-10PR  
Rear tire: 19.5L-24R4-12PR  
Axle Drive: 4x4