



# AMPHIBIOUS EXCAVATOR

MODEL : PP300A-IX

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### ■ MAIN SPECIFICATIONS

Operating weight: (kg) 15,000  
Bucket capacity: (m<sup>3</sup>) 0.2  
Boom length: (mm) 4500  
Arm length: (mm) 3000  
Length of pontoon: (mm) 6640  
Width of pontoon: (mm) 1300  
Height of pontoon: (mm) 1420  
Platform ground clearance: (mm) 1474  
Overall height: (mm) 3299  
Overall length: (mm) 9099  
Overall width: (mm) 3500-4550  
Rear swing radius: (mm) 2130  
Track gauge: (mm) 2200-3250  
Min. ground clearance: (mm) 734  
Max. digging radius: (mm) 8996  
Max. digging reach on ground: (mm) 8772  
Max. digging depth: (mm) 5879  
Max. vertical wall digging depth: (mm) 4796  
Max. digging height (mm) 8443  
Max. dumping height (mm) 6457  
Slew speed: (rpm) 12  
Min. slew radius: (mm) 2130  
Min. travel speed: (km/h) 3.79  
Gradeability: (°) 35  
Tractive effort: (kN) 112.2  
Max. digging force of bucket: (kN) 49  
Max. digging force of arm: (kN) 43.4  
Ground pressure: (kPa) 13

### ■ ENGINE

Model: Yanmar 4TNV98T (Made in Japan)  
Rated Power: (HP) 78  
Type: Turbo-Charged with inter-cooled  
Max. Torque: (N.M/rpm) 301/1650  
No. Of Cylinders: 4  
Displacement: (L) 3.319



### ■ HYDRAULIC SYSTEM

Type: Variable displacement axial piston pumps  
Max. displacement: (cm<sup>3</sup>/r) 90  
Working pressure: (MPa) 28  
Slew: Fixed displacement axial piston motor  
Travel: Variable displacement axial piston motor

### ■ TANK CAPACITY

Fuel tank capacity: (L) 300  
Hydraulic tank capacity: (L) 140

### ■ CABIN

An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with an adjustable air suspension leather driver's seat, streamline dashboard, air con and radio/cd player for extensive operations with well deserved comfort. Designer upholstery.