



AMPHIBIOUS EXCAVATOR

MODEL : PP1200A-IX

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating weight: (kg) 40,000
Bucket capacity: (m³) 0.5
Overall length: (mm) 16949
Overall width: (mm) 5500
Overall height: (mm) 4144
Boom length: (mm) 7600
Arm length: (mm) 10500
Min. ground clearance: (mm) 1228
Rear swing radius: (mm) 3140
Gradeability: (°) 35
Tractive effort: (kN) 4x116
Max. digging force of bucket: (kN) 135
Max. digging force of arm: (kN) 123.8

■ WORKING RANGE

Max. digging radius: (mm) 18723
Max. digging reach on ground: (mm) 18507
Max. digging depth: (mm) 12855
Max. vertical wall digging depth: (mm) 11377
Max. digging height (mm) 17375
Max. dumping height (mm) 14289
Min. front slew radius: (mm) 5150

■ ENGINE

Model: Cummins QSB6.7 (Made in USA)
Rated Power: (HP) 223
Rated Speed: (rpm) 2200

■ PONTOON

Length of pontoon: (mm) 11400
Width of pontoon: (mm) 1800
Height of pontoon: (mm) 1913
Track gauge: (mm) 3523
Min. travel speed: (km/h) 2.1/1.2
Ground pressure: (kg/cm²) 0.14



■ HYDRAULIC SYSTEM

Pump: Kawasaki (Japan)
Valve: Toshiba (Japan)
Swing Motor: Sunjin (Korea)
Travel Motor: Doosan (Korea)

■ TANK CAPACITY

Fuel tank capacity: (L) 560
Hydraulic tank capacity: (L) 250

■ 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.

■ OPTIONAL ATTACHMENT

Spuds
Side pontoon