



AMPHIBIOUS EXCAVATOR

MODEL : PP300A-IX

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Operating weight: (kg) 15,000
Bucket capacity: (m³) 0.25
Overall length: (mm) 9009
Overall height: (mm) 3500
Overall width: (mm) 3294
Boom length: (mm) 4500
Arm length: (mm) 3000
Min. ground clearance: (mm) 717
Rear swing radius: (mm) 2130
Gradeability: (°) 35
Tractive effort: (kN) 112.2
Max. digging force of bucket: (kN) 49
Max. digging force of arm: (kN) 43.4

■ WORKING RANGE

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
Min. front slew radius: (mm) 3524

■ ENGINE

Model: Yanmar 4TNV98T (Made in Japan)
Rated Power: (HP) 78
Rated Speed: (rpm) 2200

■ PONTOON

Length of pontoon: (mm) 6640
Width of pontoon: (mm) 1298
Height of pontoon: (mm) 1420
Track gauge: (mm) 2050/3100
Min. travel speed: (km/h) 3.79/2.33
Ground pressure: (kg/cm²) 0.13



■ HYDRAULIC SYSTEM

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

■ TANK CAPACITY

Fuel tank capacity: (L) 300
Hydraulic tank capacity: (L) 210

■ 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
Euro III engine