



# EXCAVATOR

MODEL : PP220E-XI

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### ■ MAIN SPECIFICATIONS

Operating weight: (kg) 21500  
Rated bucket capacity: (m<sup>3</sup>) 1.0  
Overall length: (mm) 9390  
Overall width: (mm) 2780  
Overall height: (mm) 3120  
Boom length: (mm) 5700  
Arm length: (mm) 2900  
Min. ground clearance: (mm) 468  
Max. bucket digging force: (kN) 145  
Swing speed: (rpm) 11.7  
Max. gradeability: (%) 70

### ■ WORKING RANGE

Max. working radius: (mm) 9865  
Max. digging height: (mm) 9275  
Max. digging depth: (mm) 6515  
Max. vertical digging depth: (mm) 5915  
Max. dumping height: (mm) 6560  
Min. swing radius: (mm) 3630  
Rear swing radius: (mm) 2720

### ■ ENGINE

Model: Cummins B5.9-C (Made in USA)  
Isuzu 6BG1 (Made in Japan)  
Rated power: (HP) 180 / 155  
Rated speed: (rpm) 2000 / 2100

### ■ UNDERCARRIAGE

Track length: (mm) 4260  
Track ground length: (mm) 3445  
Track shoe width: (mm) 600  
Track gauge: (mm) 2180  
Travel speed (high/ low): (km/h) 3.5/5.2  
Ground pressure: (kPa) 46.5  
Track Roller: 8  
Carrier Roller: 2



### ■ HYDRAULIC SYSTEM

Main Pump: Kawasaki (Made in Japan)  
Swing Pump: Kawasaki (Made in Japan)  
Main Valve: Kawasaki (Made in Japan)  
Max. flow: (L/min) 200x2  
Working pressure: (MPa) 34.3  
Hydraulic oil tank capacity: (L) 246  
Travel Motor: Nabtesco / Kayaba (Made in Japan)

### ■ CABIN

An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with designer upholstery, adjustable POWERPLUS air suspension driver's seat, streamline dashboard, air con and radio/mp3 player for extensive operations with well deserved comfort.

### ■ OPTIONAL ATTACHMENT

Hydraulic Piping  
Quick Coupler  
Hydraulic Breaker  
Rock Bucket  
Bucket Crusher  
ROPS / FOPS Cabin  
Long Arm  
Rear View Camera  
Wide Track  
Long Carriage (LC)  
Explosion-proof Valve