

KOMATSU

PC2000-11

EU Stage V Engine

HYDRAULIC EXCAVATOR

PRELIMINARY



PC2000

ENGINE POWER

794 kW / 1.065 HP @ 1.800 rpm

OPERATING WEIGHT

201.500 kg

BUCKET CAPACITY

12,0 m³

Walk-Around

PG20000-11



Images may display optional equipment or specifications not available in your area.

Productivity on demand

Powerful and Environmentally Friendly

- NEW** • EU Stage V engine
- NEW** • New Power plus mode, productivity increased up to 12%
- NEW** • New P mode, fuel efficiency increased up to 7%
- NEW** • Adjustable idle shutdown
- NEW** • Eco-gauge, Eco guidance and fuel consumption gauge

First-Class Comfort

- NEW** • Fully air-suspended operator station
- NEW** • New automatic air conditioners (large size, 2 units)
- NEW** • High resolution LCD colour monitor
- Low noise design
- Low vibration levels

Reliability & Maintenance Features

- NEW** • Highly durable structure parts and strengthened work equipment
- NEW** • Long life track parts and extended life of carrier rollers
- NEW** • Improved, long life hydraulic cylinders
- Multiple maintenance monitor functions
- Service center (option)

Safety First

- NEW** • Hydraulically operated stairway as standard
- NEW** • KomVision surround view system
- OPG level 2 cab (ISO 10262)
- Neutral position detection system
- Secondary engine shutdown switches

KOMTRAX Plus

- NEW** • Increased operational data and fuel savings



A maintenance program
for Komatsu customers

ENGINE

| | |
|-----------------------------|---|
| Model | Komatsu SAA12V140E-7 |
| Type | Common rail direct injection, water-cooled, turbocharged, after-cooled, cooled EGR diesel |
| Engine power | |
| at rated engine speed | 1.800 rpm |
| ISO 14396 | 794 kW/1.065 HP |
| ISO 9249 (net engine power) | 780 kW/1.046 HP |
| No. of cylinders | 12 |
| Bore x stroke | 140 x 165 mm |
| Displacement | 30,48 l |

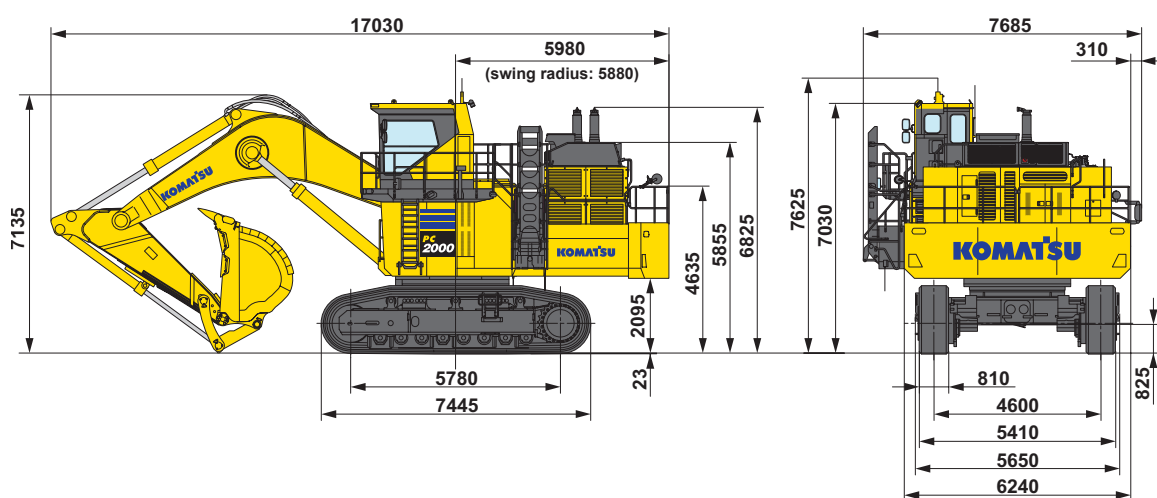
Hydraulic system

| | |
|-----------------------|------------------------------------|
| Type | Open-center load-sensing system |
| Main pumps | Variable displacement piston pumps |
| Maximum pump flow | 2317 l/min |
| Relief valve settings | |
| Implement | 300 kgf/cm ² |
| Travel | 335 kgf/cm ² |
| Swing | 300 kgf/cm ² |
| Pilot circuit | 33 kgf/cm ² |

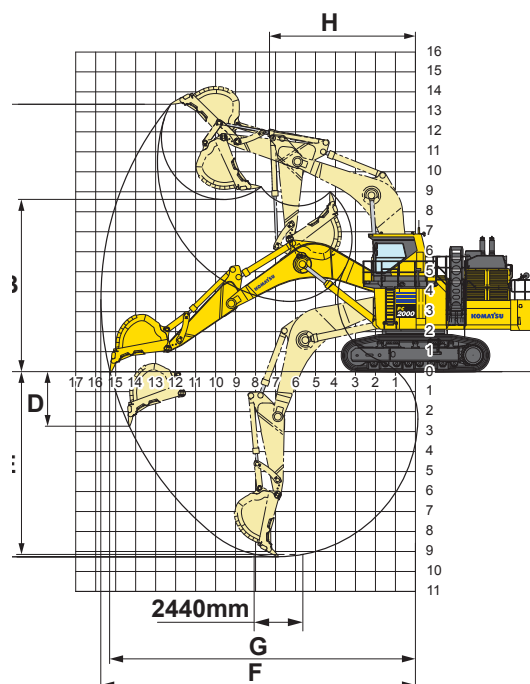
Undercarriage

| | |
|-----------------------------|----|
| Shoes (each side) | 49 |
| Track rollers (each side) | 8 |
| Carrier rollers (each side) | 3 |

DIMENSIONS



WORKING RANGE



| | |
|--|---------------------|
| Boom length | 8,7 m |
| Arm length | 3,9 m |
| A Max. digging height | 13.410 mm |
| B Max. dumping height | 8.650 mm |
| C Max. digging depth | 9.235 mm |
| D Max. vertical wall digging depth | 2.710 mm |
| E Max. digging depth of cut for 2.440 mm level | 9.115 mm |
| F Max. digging reach | 15.780 mm |
| G Max. digging reach at ground level | 15.305 mm |
| H Min. swing radius | 7.500 mm |
| Bucket digging force (SAE J 1179) | 626 kN / 63.800 kgf |
| Arm crowd force (SAE J 1179) | 586 kN / 59.700 kgf |
| Bucket digging force (ISO 6015) | 697 kN / 71.100 kgf |
| Arm crowd force (ISO 6015) | 598 kN / 61.000 kgf |