FLYWHEEL HORSEPOWER
180 kW **242 HP** @ 1900 rpm

OPERATING WEIGHT
48954 kg **107,925 lb**
(without attachments)

PC300LL-7

INTRODUCTORY

High Reach Demolition Machine

Photos may include optional equipment

New High Reach Demolition Machine

- 82' reach with a 5000# tool
- Quick change versatility for multiple applications
- Demolition tough guarding package
- Optional tilt cab for operator comfort

SPECIFICATIONS

ENGINE

Model . . . . . Komatsu SAA6D114E
Type . . . . . 4-cycle, water-cooled, direct-injection
Aspiration. . . . . Turbocharged, air-to-air aftercooled
No. of cylinders. 6
Bore. . . . . 114 mm **4.49"**
Stroke . . . . . 135 mm **5.32"**
Piston displacement . . . . . 8.27 ltr **505 in³**
Rated gross horsepower. . . . . 189 kW **254 HP** @ 1900 rpm
Flywheel horsepower . . . . . 180 kW **242 HP** @ 1900 rpm
Governor. . . . . All-speed, mechanical

EPA, EU, and Japan Tier 2 emission certified

HYDRAULIC SYSTEM

Type . . . . . HydrauMind (Hydraulic Intelligence New Design) system, a closed center system with load sensing valves and pressure compensated valves
No. of selectable working modes 5

Main pump:
Type . . . . . Variable-displacement piston pump
Pumps for . . . Boom, arm bucket, swing, and travel circuits
Maximum flow . . . . . 535 ltr **141 U.S. gal/min**
Sub-pump for control circuit. . . . . Gear pump

Hydraulic motors:
Travel . . . . . 2 x axial piston motor with parking brake
Swing . . . . . 1 x axial piston motor

Relief valve setting:

Implement circuits	380 kg/cm²	**5,400 psi**
Travel circuit.	355 kg/cm²	**5,050 psi**
Swing circuit	285 kg/cm²	**4,050 psi**
Pilot circuit	33 kg/cm²	**470 psi**
Service valve	280 kg/cm²	**up to 3,980 psi**

Service valve maximum flow:

First valve	480 ltr	**126.8 U.S. gal/min**
Second valve.	240 ltr	**63.4 U.S. gal/min**
Third valve.	240 ltr	**63.4 U.S. gal/min**

DRIVES AND BRAKES

Steering control . . . . . Two levers with pedals
Drive method . . . . . Fully hydrostatic
Travel motor. . . . . Axial piston motor, in-shoe
Maximum drawbar pull . . . . . 32500 kg **71,650 lb**
Gradeability. 70%
Maximum travel speed: High. . . . . 5.5 km/h **3.4 mph**
Mid . . . . . 4.5 km/h **2.8 mph**
Low . . . . . 3.2 km/h **2.0 mph**
Service brake. . . . . Hydraulic lock
Parking brake . . . . . Oil disc brake

SWING SYSTEM

Driven by. . . . . Hydraulic motor
Swing reduction . . . . . Planetary double-reduction
Swing circle lubrication . . . . . Grease-bathed
Swing lock . . . . . Oil disc
Swing speed . . . . . 9.5 rpm
Swing torque . . . . . 13346 kg•m **96,503 lb**

UNDERCARRIAGE

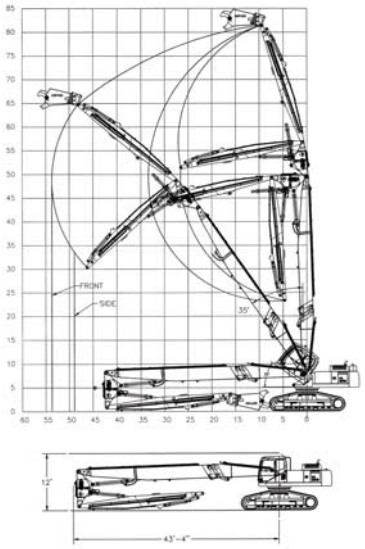
Center frame . . . . . X-frame
Track frame . . . . . Box-section
Seal of track. . . . . Sealed track
Track adjuster . . . . . Hydraulic
No. of shoes . . . . . 49 per side
No. of carrier rollers . . . . . 2 per side
No. of track rollers . . . . . 7 per side

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank.	605 ltr	**160 U.S. gal**
Radiator.	32.0 ltr	**8.5 U.S. gal**
Engine	35.0 ltr	**9.2 U.S. gal**
Final drive, each side	9.5 ltr	**2.5 U.S. gal**
Swing drive	13.4 ltr	**3.5 U.S. gal**
Hydraulic tank.	188 ltr	**49.7 U.S. gal**

OPERATING WEIGHT (APPROXIMATE)

Operating weight, including operator, lubricant, coolant, full fuel tank, high reach demolition front and the standard equipment.



©2005 Komatsu

KOMATSU®

440 N. Fairway Drive
P.O. Box 8112
Vernon Hills, IL 60061

www.komatsuutility.com

Materials and specifications are subject to change without notice
KOMATSU® is a trademark of Komatsu Ltd. Japan