

Transportation specifications (length x height x width)

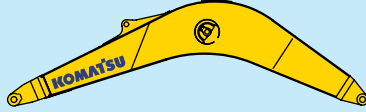
Specs shown include the following equipment:

- PC800-7** : Boom 8040 mm 26'5", arm 3600 mm 11'10", bucket 3.4 m³ 4.45 yd³, shoes 610 mm 24" double grouser
- PC800SE-7** : Boom 7100 mm 23'4", arm 2945 mm 9'8", bucket 4.3 m³ 5.62 yd³, shoes 610 mm 24" double grouser

3 Kits Transportation

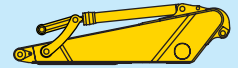
Work equipment assembly (Backhoe)
 Weight : PC800-7 : 18.3 t 20.2 U.S. ton
 PC800SE-7 : 18.2 t 20.1 U.S. ton

Boom




PC800-7 : 7.7 t: 8345 x 2600 x 1500
 8.5 U.S. ton : 27'5" x 8'6" x 4'11"
 PC800SE-7 : 6.8 t: 7405 x 2465 x 1500
 7.5 U.S. ton : 24'4" x 8'1" x 4'11"

Arm




PC800-7 : 4.5 t: 4800 x 1410 x 750
 5.0 U.S. ton : 15'9" x 4'8" x 2'6"
 PC800SE-7 : 4.9 t: 4075 x 1695 x 755
 5.4 U.S. ton : 13'4" x 5'7" x 2'6"

Bucket



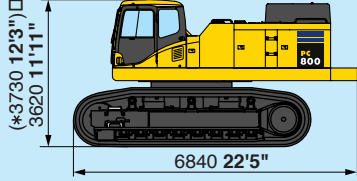
PC800-7 : 3.5 t: 2390 x 1880 x 1870
 3.9 U.S. ton : 7'10" x 6'2" x 6'2"
 PC800SE-7 : 3.9 t: 2200 x 1950 x 2255
 4.3 U.S. ton : 7'3" x 6'5" x 7'5"

Boom & Arm cylinder



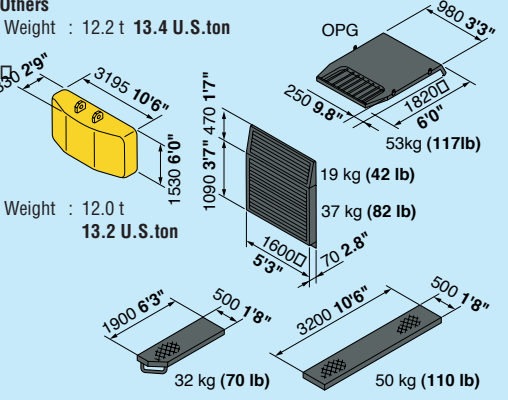
Total 2.6 t 2.9 U.S. ton

Base machine
 (Both PC800-7 and PC800SE-7 are designed with the same weight and dimensions.)



Width : 3390 11'1" * KOMTRAX (optional) with an antenna
 Weight : 46.1 t 50.8 U.S. ton

Others
 Weight : 12.2 t 13.4 U.S. ton

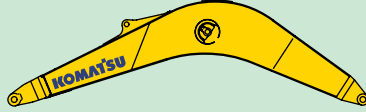


Weight : 12.0 t 13.2 U.S. ton

4 Kits Transportation

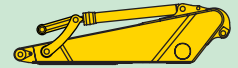
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Bucket



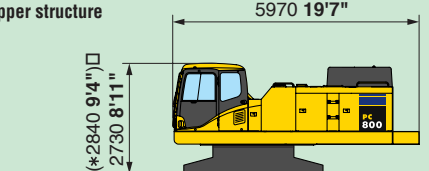
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Boom & Arm cylinder



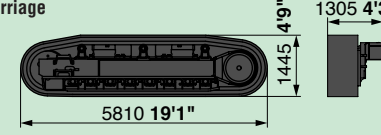
Total 2.6 t 2.9 U.S. ton

Upper structure



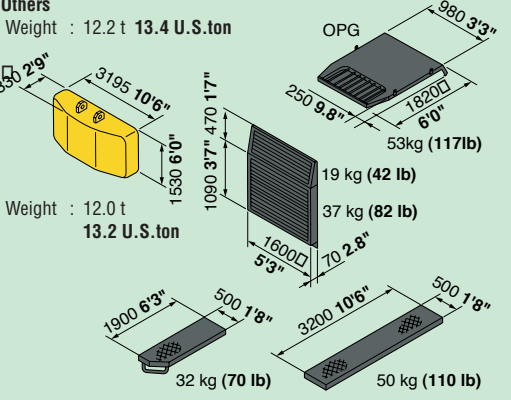
Width : 3195 10'6" * KOMTRAX (optional) with an antenna
 Weight : 24.9 t 27.4 U.S. ton when mounted

Undercarriage



Weight : 22.0 t [11 t x 2]
 24.3 U.S. ton [12.15 U.S. ton x 2]

Others
 Weight : 12.2 t 13.4 U.S. ton



Weight : 12.0 t 13.2 U.S. ton

ENGINE AND RELATED ITEMS:

- Air cleaner, double element, dry
- Cooling fan, with fan guard
- Engine, Komatsu SAA6D140E-3

ELECTRICAL SYSTEM:

- Alternator, 50 amp, 24 V
- Batteries, 170 Ah, 2 x 12 V
- Starting motors, 11kW
- Working lights-2 boom, 2 cab top front, 1 cab bottom
- Step light with timer
- Auto decelerator

UNDERCARRIAGE:

- 610 mm 24" double grouser
- 8 track/3 carrier rollers (each side)
- Hydraulic track adjusters (each side)
- Full length track guard
- Variable track gauge
- Sealed track

GUARDS AND COVERS:

- Dust-proof net for radiator and oil cooler
- Pump/engine room partition cover
- Travel motor guards
- Strengthened revolving frame underguard
- OPG top guard (operator protective guards ISO 10262 level 2 (FOG))

OPERATOR ENVIRONMENT:

- Damper mount, all-weather, sound-suppressed cab with tinted safety glass windows, lockable door, intermittent window wiper and washer, floormat, cigarette lighter and ashtray
- Multi-function color monitor, electronically-controlled throttle dials, electric service meter, gauges (coolant temperature, hydraulic oil temperature and fuel level), caution lights (electric charge, engine oil pressure, and air cleaner clogging), indicator lights (engine pre-heating and swing lock light) level check lights (coolant, engine oil, and hydraulic oil level), self-diagnostic system with trouble data memory
- Rear view mirror (RH)
- Seat, fully adjustable with suspension
- Cab with fixed front window

HYDRAULIC CONTROLS:

- Fully hydraulic, with Electronic Open-Center Load-Sensing (EOLSS) and engine speed sensing (pump and engine mutual control system)
- One gear pump for control circuit
- Two axial piston motors for swing with single-stage relief valve
- One axial piston motor per track for travel with counter balance valve
- Two variable capacity piston pumps
- Two control valves, 5+4 spools (boom, arm, bucket, swing, and travel)
- Control levers, wrist control levers for arm, boom, bucket, and swing with PPC system
- Control levers and pedals for steering and travel with PPC system
- Oil cooler
- In-line filter
- Heavy lift mode system
- Shockless boom control
- Swing priority selection system
- Two-mode setting for boom

DRIVE AND BRAKE SYSTEM:

- Brakes, hydraulic lock travel brakes, oil disc parking
- Hydrostatic two travel speed system with planetary triple reduction final drive

OTHER STANDARD EQUIPMENT:

- Automatic swing holding brake
- Corrosion resister
- Counterweight, 12000 kg 26,450lb
- Horn, electric
- Marks and plates, English
- Paint, Komatsu standard
- Large handrails
- One-touch engine oil drainage
- PM tune-up service connector
- Remote greasing for radiator fan drive

- Alternator, 75 Amp, 24 V
- Arms (Backhoe):
 PC800-7: —3600 mm 11'10" HD arm assembly
 PC800SE-7: —2945 mm 9'8" SE arm assembly
 —3600 mm 11'10" HD arm assembly
- Auto air conditioner
- Automatic greasing
- Booms (Backhoe):
 PC800-7: —8040 mm 26'5" boom assembly
 PC800SE-7: —7100 mm 23'4" boom assembly
- Cab front guard (ISO 10262 level 2)
- Catwalk
- Coolant heater
- Duble frange truck roller
- 12V electric supply
- Fire extinguisher
- General tool kit
- Grease gun, electric pump with indicator
- Interconnected horn and warning light
- KOMTRAX
- Large-capacity batteries
- Lower wiper
- Provision for fast fuel fill
- Radio AM/FM
- Rain visor
- Rear view mirror (LH)
- Seat belt 78 mm 3"
- Shoes:
 —710 mm 28" double grouser
- Spare parts for first service
- Track frame undercover (center)
- Travel alarm
- Vandalism protection locks

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PC800-7 BACKHOE
PC800SE-7 BACKHOE



Photo may include optional equipment.

HYDRAULIC EXCAVATOR

FLYWHEEL HORSEPOWER

338 kW 454 HP @ 1800 rpm

OPERATING WEIGHT

PC800-7 : 76070-76870 kg

167,700-169,470 lb

PC800SE-7 : 75570-76370 kg

166,600-168,370 lb

PC800-7 Series Hydraulic Excavator

WALK-AROUND

PC800-7 HYDRAULIC EXCAVATOR

FLYWHEEL HORSEPOWER
338 kW 454 HP @ 1800 rpm

OPERATING WEIGHT
PC800-7
76070–76870 kg
167,700–169,470 lb
PC800SE-7
75570–76370 kg
166,600–168,370 lb



Harmony with Environment

- Low emission engine
Powerful turbocharged and air-to-air aftercooled Komatsu SAA6D140E-3 engine provides 338 kW **454 HP**.
See page 4.

Large Comfortable Cab

- Low noise and vibration with cab damper mounting
- Large-capacity cab with narrow corner posts provides improved visibility
- Large-capacity air conditioner (optional)
- Pressurized cab prevents external dust from entering
See page 8.

Easy Maintenance

- Replacement interval is extended for new hydraulic filter.
See page 7.

Photo may include optional equipment.

Productivity Features

- **Large digging force**
High operation efficiency with large digging force in rugged work sites
- **Large size bucket**
The wide and shallow contour facilitates loading.
- **Heavy lift mode**
The heavy lift mode increases the lifting force by 10%.
- **Swing priority mode**
The swing priority mode improves efficiency for loading dump trucks.
- **Two-mode setting for boom**
Switch selection allows either powerful digging or smooth boom operation.
- **Fuel consumption** is reduced 12% with Economy Mode.
- **Large drawbar pull and steering force** provide excellent mobility.
- **Excellent Swing Performance** provides excellent swing performance on slope.
See pages 4,5.

Excellent Reliability and Durability

- **Strengthened boom** and arm have large cross-sections and reliable welding for maximum strength and reliability.
- **Reinforced buckets** are highly resistant against wear and impacts.
- **Shockless boom**
Switch selection reduces chassis vibration after sudden stops.
- **Boom foot hoses** are arranged under the boom foot, improving hose life and safety.
- **Face seals**, which have excellent sealing performance, are used for the hydraulic hoses.
- **Protected hydraulic circuit**
The cool-running hydraulic system is protected with the most extensive filtration system available, including a high pressure in-line filter for each main pump.
- **Sturdy guards** shield the travel motors against damage from rocks.
- **Highly Reliable Electronic Devices**
Exclusively designed electronic devices have passed severe testing.
- Controller - Sensors - Connectors
- Heat resistant wiring
See pages 5,6.

Large handrail, step and catwalk

provide easy access to the engine and hydraulic equipment.
See page 7.



Advanced monitor features

- Machine condition can be checked with Equipment Management Monitoring System (EMMS).
- Two working modes combine with heavy lift mode for maximum productivity. See page 5.

PRODUCTIVITY FEATURES

Multi-Function Color Monitor

High Production and Low Fuel Consumption

Engine

The PC800-7 gets its exceptional power and work capacity from its Komatsu SAA6D140E-3 engine. Output is 338 kW **454 HP** providing more hydraulic power. In addition, the fuel consumption is reduced by 12% when using Economy Mode.

Large Digging Force

Thanks to the high engine output and an excellent hydraulic system, this machine demonstrates powerful digging force.

Large Drawbar Pull and Steering Force

Since the machine has a large drawbar pull and a high steering force, it demonstrates excellent mobility even when it is being used on inclined sites. In addition, this machine is equipped with an automatic travel speed shifting system, which makes automatic Hi/Lo shifts.

Excellent Swing Performance

Twin-swing motor system of PC800-7 provides excellent swing performance on slope.

Excellent Machine Stability

The rear center of gravity and the 12.0 tonne **13.2 U.S. ton** counterweight provides the stability and lifting capacity needed for maximum productivity.

Large Bucket Capacity

Large capacity bucket has large and shallow contour offers easy loading.

PC800-7: 3.4 m³ **4.45 yd³**

PC800SE-7: 4.0 - 4.5 m³ **5.23 - 5.89 yd³**



Photo may include optional equipment.

Working Mode Selection

Hydraulics

Unique two-pump system assures smooth compound movement of the work equipment. OLSS (Open Center Load Sensing System) controls all pumps for efficient engine power use. This system also reduces hydraulic loss during operation.

Active and Economy mode

The PC800-7 excavator is equipped with two working modes. Each mode is designed to match engine speed, pump speed, and system pressure to the current application, giving the operator flexibility to match equipment performance to the job at hand.

| Working Mode | Application | Advantage |
|--------------|--------------|--|
| A | Active Mode | <ul style="list-style-type: none"> Maximum production/power Fast cycle times |
| E | Economy Mode | <ul style="list-style-type: none"> Good cycle times Good fuel economy |

Two Working Modes

Heavy Lift Mode

Swing Priority Mode

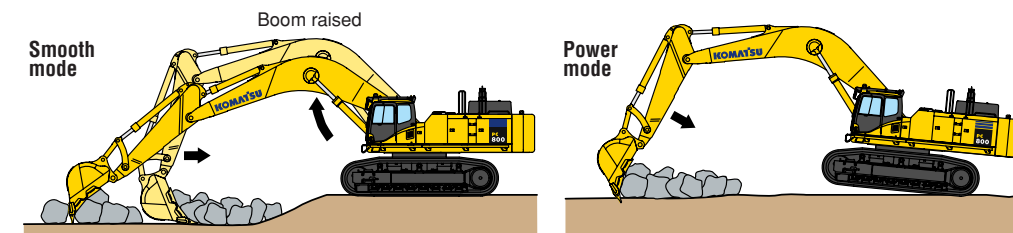


Heavy Lift Mode

Gives the operator 10% more lifting force on the boom when needed for handling rock or heavy lifting applications.

Two Settings for the Boom

Smooth mode provides easy operation for gathering blasted rock and scraping operations. When maximum digging force is needed, switch to **power mode** for more effective excavating.



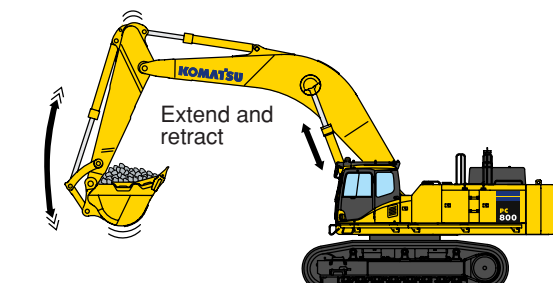
Swing Priority Setting

The swing priority setting allows the operator to use the same easy motion for 180° loading as 90° loading operations. By altering the oil flow, this setting allows you to select either boom or swing as the priority for increased production.

| Selection | Result |
|-----------|---|
| ON | Oil flow to the swing motor is increased. 180° loading operations are most efficient. |
| OFF | Oil flow to the boom is increased. 90° loading operations are most efficient. |

Shockless Boom Control

The PC800-7 features a shockless valve (double-check slow return valve) that automatically reduces the amount of vibration present when operating the boom. Operator fatigue is reduced (which can improve safety and productivity), and spillage caused by vibration is prevented.



EMMS (Equipment Management Monitoring System)

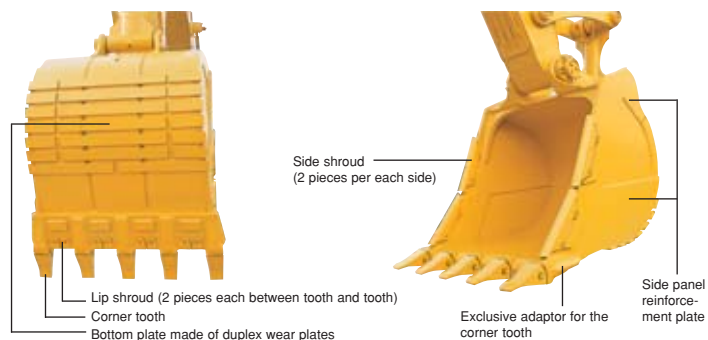
- Monitor Function**
Controller monitors engine oil level, coolant temperature, battery charge air-filter restriction, etc. The controller finds any abnormality and displays it on the LCD.
- Maintenance Monitor Function**
informs replacement time of oil and filters on LCD when the replacement interval is reached.
- Trouble Data Memory Function**
stores machine abnormalities (error codes) in the monitor for effective trouble shooting.

RELIABILITY FEATURES

Excellent Reliability and Durability

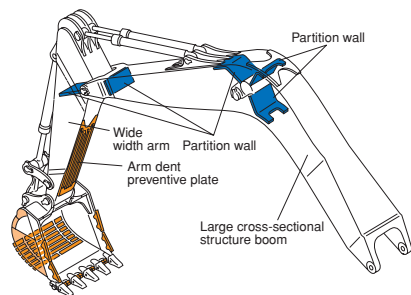
Reinforced Bucket

PC800-7 bucket is designed exclusively for quarry use and is higher strength for impact and wear. It is highly resistant against wear and impact and demonstrates high performance and reliability. Combined with the saddling type side shroud and the corner teeth, the life of the bucket has been greatly improved.



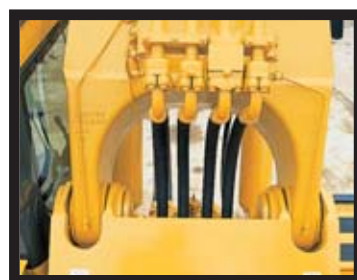
Strengthened Boom and Arm

Thanks to the large cross-sectional structure employing a high tensile strength steel with a thick plate, partition wall, etc., the boom and arm exhibit excellent durability and are highly resistant to bends and twists.



Boom Foot Hoses

The boom foot hoses are arranged under the boom foot to reduce hose bend during operation, extending hose life and improving operator safety.

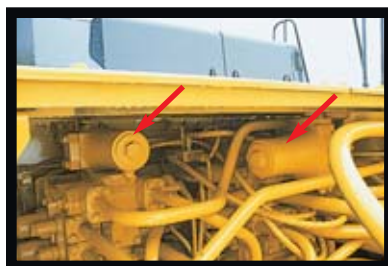


O-Ring Face Seal

The hydraulic hose seal method has been changed from a conventional taper seal to an O-ring seal. This provides improved sealing performance during vibration.

High-pressure In-Line Filtration

The PC800-7 has the most extensive filtration system available, providing in-line filters as standard equipment. An in-line filter in the outlet port of each main hydraulic pump reduces failures caused by contamination.



Metal Guard Rings

Metal guard rings protect all the hydraulic cylinders and improve reliability.

Heat-Resistant Wiring

Heat-resistant wiring is utilized for the engine electric circuit and other major component circuits.

Circuit Breaker

With the circuit breaker, the machine can be easily restarted after repair.

Sturdy Undercarriage Guard

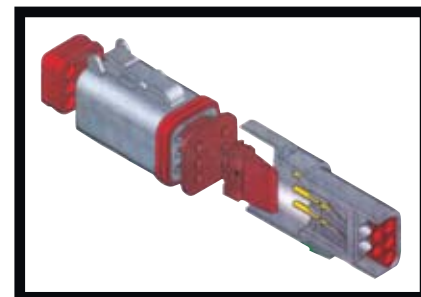
The undercarriage is strengthened to provide excellent reliability and durability when working on rocky ground or blasted rock.



Sturdy guards shield the travel motors and piping against damage from rocks.



Track roller guard (full length)



DT-type connectors seal tight and have higher reliability.

MAINTENANCE FEATURES

Easy Maintenance

Komatsu designed the PC800-7 for easy service access.

Wide Catwalk (optional)

Wide walkway for maintenance is provided around the engine and hydraulic components, allowing easy access to inspection and maintenance points.



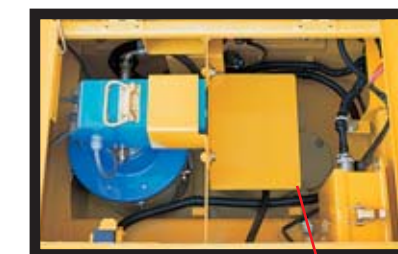
Divided Type Engine Cover

The divided engine cover allows inspection points around the engine to be easily accessed.



Motorized Grease Gun Equipped with Hose Reel (optional)

Greasing is made easy with the electric motorized grease gun and indicator.



Grease can drum storage location



Grease gun
The grease gun can be reached from ground level.

Indicator

Reduced Maintenance Costs

Hydraulic oil filter replacement is extended from 500 to 1000 hours.



KOMTRAX® System (optional)

The KOMTRAX system monitors machine condition, operating status, operating location, etc., and provides timely notification of any machine problems.

Since data is transmitted via satellite communication system, secure data communication is possible from any operating site including a quarry or a mine, further improving machine reliability. (There are some countries where this feature is not in service. Please consult Komatsu distributor for availability.)



Photo may include optional equipment.

WORKING ENVIRONMENT

The cab interior is spacious and provides a comfortable working environment...

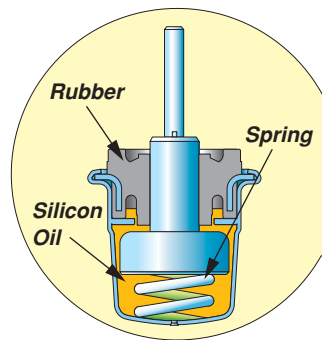
Large Comfortable Cab

Superb Visibility

The PC800-7's large capacity cab and increased glass area provide superb front visibility.

Cab Mounts

The new cab damper mounting reduces vibration and noise at operator's seat.



Low Noise Design

The noise levels at the operator's ear are decreased by improving the cab mounts and cab sealing performance.

Multi-Position Controls

The multi-position, pressure proportional control levers allow the operator to work in comfort while maintaining precise control.



A double-slide mechanism allows the seat and controllers to move together or independently, allowing the operator to position the controllers for maximum productivity and comfort.



Seat with headrest fully reclined

Rigid and Safe Operator's Cab

OPG top guard

The OPG top guard securely protects the operator's cab and conforms to the ISO standard.

Single sheet fixed glass

The glass installed in the machine has excellent visibility since it is laminated to prevent shortening and has less vibration.

See-through skylight equipped with a sun shade

The upward visibility is excellent.

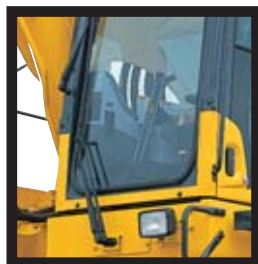
Additional head lamp

Night operation is safe.

Lower wiper (optional)

Lower windshield wiper improves visibility in rain.

Horn interconnected with warning light (optional) give visual and audible notice of the excavator's operation when activated.

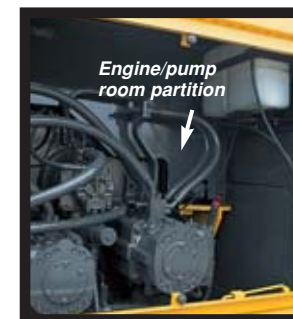


Warning light (optional)



Seat belt shown in photo is optional.

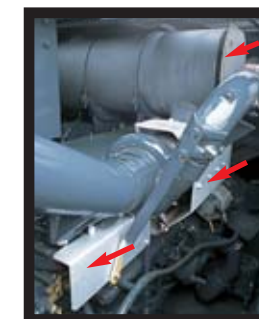
Safety Features



Engine/pump room partition prevents oil from spraying on the engine if a hydraulic hose should burst.



Step light with timer provides light for about one minute to allow the operator to get off the machine safely.



Thermal guards are placed around high-temperature parts of the engine and accessory drive.



Large handrails (standard) and wide catwalk (optional) are provided around revolving frame for easier and safer access to engine and hydraulic components.

Photo may include optional equipment.

SPECIFICATIONS & EQUIPMENT

ENGINE

Model Komatsu SAA6D140E-3
 Type 4-cycle, water-cooled, direct injection
 Aspiration Turbocharged and air-to-air aftercooled
 Number of cylinders 6
 Bore 140 mm **5.51"**
 Stroke 165 mm **6.50"**
 Piston displacement 15.24 ltr 930 in³
 Flywheel horsepower 338 kW **454 HP** @ 1800 rpm (SAE J1349)
 Governor All-speed, electronic

HYDRAULIC SYSTEM

Type Open-center load-sensing system
 Number of selectable working modes 2

Main pump:
 Type Variable-capacity piston pumps
 Pumps for Boom, arm, bucket, swing, and travel circuits

Maximum flow:
 Main 2 x 494 ltr/min **2 x 130.5 U.S. gpm**

Sub-pump for control circuit Gear pump

Hydraulic motors:
 Travel 2 x axial piston motor with parking brake
 Swing 2 x axial piston motor with swing holding brake

Relief valve setting:
 Implement circuits 31.4 MPa 320 kg/cm² **4,550 psi**
 Travel circuit 34.3 MPa 350 kg/cm² **4,980 psi**
 Swing circuit 28.4 MPa 290 kg/cm² **4,120 psi**
 Heavy lift circuit 34.3 MPa 350 kg/cm² **4,980 psi**
 Pilot circuit 2.9 MPa 30 kg/cm² **430 psi**

Hydraulic cylinders:
 Number of cylinders—bore x stroke
 Boom 2 – 200 mm x 1950 mm **7.9" x 76.8"**
 Arm 2 – 185 mm x 1610 mm **7.3" x 63.4"**
 Bucket
 Std 1 – 185 mm x 1820 mm **7.3" x 71.7"**
 SE 1 – 225 mm x 1420 mm **8.9" x 55.9"**

SWING SYSTEM

Driven method Hydraulic motor
 Swing reduction Planetary gear
 Swing circle lubrication Grease-bathed
 Swing lock Oil disc brake
 Swing speed 6.8 rpm

DRIVES AND BRAKES

Steering control Two levers with pedals
 Drive method Fully hydrostatic
 Travel motor Axial piston motor, in-shoe design
 Reduction system Planetary double reduction
 Maximum drawbar pull 559kN 57000 kg **125,660 lb**
 Gradability 70%
 Maximum travel speed
 Low 2.8 km/h **1.7 mph**
 High 4.2 km/h **2.6 mph**
 Service brake Hydraulic lock
 Parking brake Oil disc brake

UNDERCARRIAGE

Center frame H-leg frame
 Track frame Box-section
 Track chain Sealed
 Track adjuster Hydraulic
 No. of shoes 47 each side
 No. of carrier rollers 3 each side
 No. of track rollers 8 each side

COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank 880 ltr **232.5 U.S. gal**
 Radiator 85 ltr **22.5 U.S. gal**
 Engine 55 ltr **14.5 U.S. gal**
 Final drive, each side 20 ltr **5.3 U.S. gal**
 Swing drive 24.5 x 2 ltr **6.5 x 2 U.S. gal**
 Hydraulic tank 440 ltr **116.2 U.S. gal**

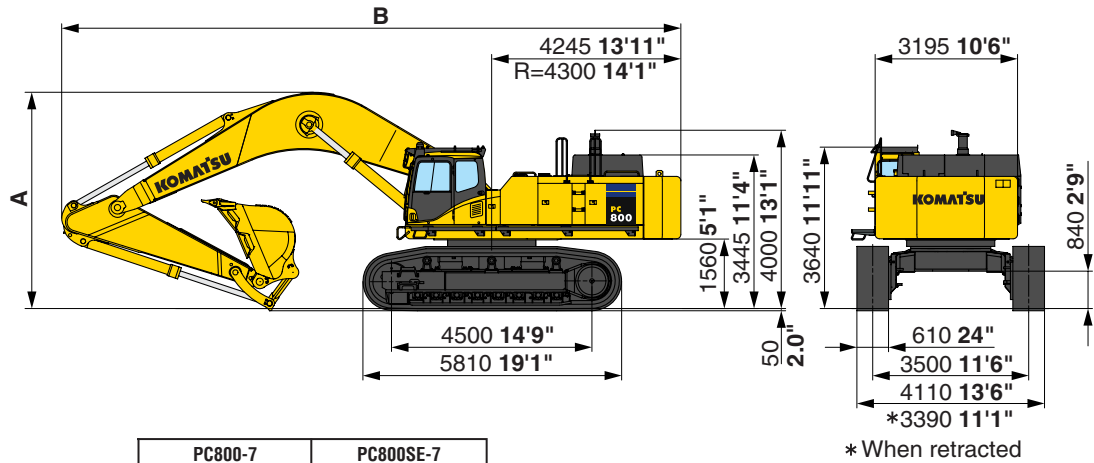
OPERATING WEIGHT (APPROXIMATE)

PC800-7: Operating weight, including 8040 mm **26'5"** boom, 3600 mm **11'10"** arm, SAE heaped 3.4 m³ **4.45 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

PC800SE-7: Operating weight, including 7100 mm **23'4"** boom, 2945 mm **9'8"** arm, SAE heaped 4.3 m³ **5.62 yd³** backhoe bucket, operator, lubricant, coolant, full fuel tank, and the standard equipment.

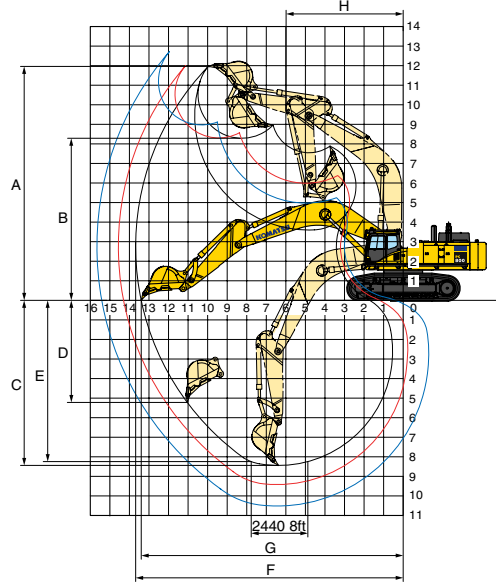
| Shoes | PC800-7 | | PC800SE-7 | |
|---------------|------------------------|-------------------------------------|------------------------|-------------------------------------|
| | Operating Weight | Ground Pressure | Operating Weight | Ground Pressure |
| 610 mm 24" | 76070 kg 167,700 lb | 125 kPa 1.27 kgf/cm² 18.1 psi | 75570 kg 166,600 lb | 123 kPa 1.25 kgf/cm² 17.8 psi |
| 710 mm 28" | 76870 kg 169,470 lb | 108 kPa 1.10 kgf/cm² 15.6 psi | 76370 kg 168,370 lb | 107 kPa 1.09 kgf/cm² 15.5 psi |

BACKHOE DIMENSIONS



| | PC800-7 | PC800SE-7 |
|------------------|---|--|
| | 8.04 m 26'5" boom 3.6 m 11'10" arm | 7.1 m 23'4" boom 2.9 m 9'8" arm |
| A Overall Height | 4850 mm 15'11" | 4615 mm 15'2" |
| B Overall Length | 13895 mm 45'7" | 13030 mm 42'9" |

WORKING RANGE



| | PC800-7 | PC800SE-7 |
|--|--|--|
| Boom length | 8040 mm 26'5" | 7100 mm 23'4" |
| Arm length | 3600 mm 11'10" | 2945 mm 9'8" |
| A Max. digging height | 11955 mm 39'3" | 11055 mm 36'3" |
| B Max. dumping height | 8235 mm 27'0" | 7430 mm 24'5" |
| C Max. digging depth | 8445 mm 27'8" | 7130 mm 23'5" |
| D Max. vertical wall digging depth | 5230 mm 17'2" | 4080 mm 13'5" |
| E Max. digging depth of cut for 8' level | 8310 mm 27'3" | 6980 mm 22'11" |
| F Max. digging reach | 13660 mm 44'10" | 12265 mm 40'3" |
| G Max. digging reach at ground level | 13400 mm 44'0" | 11945 mm 39'2" |
| H Min. swing radius | 5985 mm 19'8" | 5645 mm 18'6" |
| Bucket digging force (SAE) | 316 kN 32200 kgf / 70,990 lb | 391 kN 39900 kgf / 87,960 lb |
| Arm crowd force (SAE) | 285 kN 29100 kgf / 64,150 lb | 331 kN 33800 kgf / 74,520 lb |
| Bucket digging force (ISO) | 363 kN 37000 kgf / 81,570 lb | 431 kN 43900 kgf / 96,780 lb |
| Arm crowd force (ISO) | 298 kN 30400 kgf / 67,020 lb | 341 kN 34800 kgf / 76,720 lb |

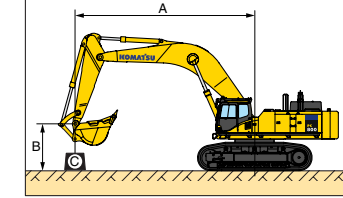
BACKHOE BUCKET, ARM, AND BOOM COMBINATION

| BUCKET CAPACITY (HEAPED) | | | WIDTH | | WEIGHT (with side shrouds) kg lb | ARM LENGTH m ft in |
|--|----------------|-------------------------------|----------------------------|------------|-------------------------------------|-----------------------------------|
| SAE, PCSA m³ yd³ | CECE m³ yd³ | Without Side shrouds mm in | With Side shrouds mm in | | | |
| PC800-7 (use with 8.04 m boom) | | | | | | 3.6 11'10" |
| 3.4 4.45 | 3.0 3.92 | 1820 71.7" | 1870 73.6" | 3500 7,720 | | ○ |
| PC800SE-7 (use with 7.1 m boom) | | | | | | 2.9 9'8" 3.6 11'10" |
| 4.0* 5.23 | 3.5 4.58 | 2000 78.7" | 2105 82.9" | 4000 8,820 | ○ | ○ |
| 4.0 5.23 | 3.5 4.58 | 2000 78.7" | 2105 82.9" | 3435 7,570 | ○ | — |
| 4.3 5.62 | 3.8 4.97 | 2150 84.6" | 2255 88.8" | 3870 8,530 | ○ | — |
| 4.5 5.87 | 4.0 5.23 | 2230 87.8" | 2330 91.9" | 4050 8,930 | □ | — |

These charts are based on over-side stability with fully loaded bucket at maximum reach.
 ○: General purpose use, density up to 1.8 t/m³ 3,000 lb/yd³ □: General purpose use, density up to 1.5 t/m³ 2,500 lb/yd³
 —: Not useable

*For heavy duty

LIFTING CAPACITY



PC800-7
 Equipment:
 • Boom: 8.04 m **26'5"**
 • Arm: 3.6 m **11'10"**
 • Bucket: 3.4 m³ **4.45 yd³**

A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 Ⓢ: Rating at maximum reach

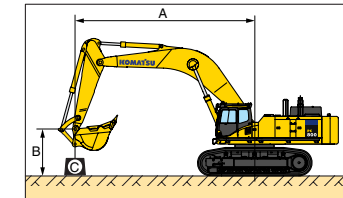
HEAVY LIFTING "OFF"

| B | A | Maximum | | 9.0 m 29' | | 7.5 m 24' | | 6.0 m 19' | | 4.5 m 14' | | 3.0 m 9' | |
|----------------|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs |
| 6.0 m 19' | | *10550 *23,200 | 9050 20,000 | *11950 *26,400 | *11950 *26,400 | *14000 *30,900 | *14000 *30,900 | *17500 *38,600 | *17500 *38,600 | | | | |
| 3.0 m 9' | | 10100 22,300 | 7650 16,800 | *14150 *31,200 | 12050 26,600 | *17700 *39,100 | 16500 36,300 | *24000 *52,900 | 23400 51,600 | | | | |
| 0 m 0' | | 10250 22,600 | 7700 16,900 | 14450 31,900 | 11000 24,200 | 19600 43,200 | 14850 32,800 | *25900 *57,100 | 21300 47,000 | | | | |
| -3.0 m -9' | | 12700 28,000 | 9600 21,100 | 14250 31,500 | 10800 23,800 | *18400 *40,600 | 14650 32,300 | *23550 *51,900 | 21400 47,200 | *30250 *66,700 | *30250 *66,700 | *28050 *61,900 | *28050 *61,900 |
| -6.0 m -19' | | *12850 *28,400 | *12850 *28,400 | | | | | *18250 *40,200 | *18250 *40,200 | | | | |

HEAVY LIFTING "ON"

| B | A | Maximum | | 9.0 m 29' | | 7.5 m 24' | | 6.0 m 19' | | 4.5 m 14' | | 3.0 m 9' | |
|----------------|---|--------------------------|--------------------------|--------------------------|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs |
| 6.0 m 19' | | 11750 25,900 | 9050 20,000 | *13850 *30,500 | 13450 29,700 | *16100 *35,500 | *16100 *35,500 | *19900 *43,900 | *19900 *43,900 | | | | |
| 3.0 m 9' | | 10100 22,300 | 7650 16,800 | 15600 34,400 | 12050 26,600 | *20350 *44,900 | 16500 36,300 | *27400 *60,500 | 23400 51,600 | | | | |
| 0 m 0' | | 10250 22,600 | 7700 16,900 | 14450 31,900 | 11000 24,200 | 19600 43,200 | 14850 32,800 | 28500 62,900 | 21300 47,000 | | | | |
| -3.0 m -9' | | 12700 28,000 | 9600 21,100 | 14250 31,500 | 10800 23,800 | 19350 42,700 | 14650 32,300 | *27050 *59,700 | 21400 47,200 | *34700 *76,500 | *34700 *76,500 | *31100 *68,600 | *31100 *68,600 |
| -6.0 m -19' | | *15150 *33,400 | *15150 *33,400 | | | | | *18250 *40,200 | *18250 *40,200 | | | | |

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on Standard No. J1097. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.



PC800SE-7
 Equipment:
 • Boom: 7.1 m **23'4"**
 • Arm: 2.9 m **9'8"**
 • Bucket: 4.3 m³ **5.62 yd³**

A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 Ⓢ: Rating at maximum reach

HEAVY LIFTING "OFF"

| B | A | Maximum | | 9.0 m 29' | | 7.5 m 24' | | 6.0 m 19' | | 4.5 m 14' | | 3.0 m 9' | |
|---------------|---|--------------------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs |
| 6.0 m 19' | | *13250 *29,200 | 11950 26,400 | *13450 *29,600 | 12800 28,200 | *15250 *33,700 | *15250 *33,700 | *18500 *40,800 | *18500 *40,800 | | | | |
| 3.0 m 9' | | 13000 28,600 | 9950 21,900 | *15200 33,500 | 11950 26,300 | *18750 *41,300 | 16700 36,800 | *25000 *55,100 | 24300 53,500 | | | | |
| 0 m 0' | | 13550 29,800 | 10300 22,700 | 14750 32,500 | 11250 24,800 | 20200 44,600 | 15450 34,100 | *26850 *59,200 | 22450 49,500 | *27200 *59,900 | *27200 *59,900 | | |
| -3.0 m -9' | | *15650 *34,500 | 14250 31,400 | | | *17200 *37,900 | 15550 34,300 | *22850 *50,300 | 22750 50,200 | *29600 *65,300 | *29600 *65,300 | *37150 *81,900 | *37150 *81,900 |

HEAVY LIFTING "ON"

| B | A | Maximum | | 9.0 m 29' | | 7.5 m 24' | | 6.0 m 19' | | 4.5 m 14' | | 3.0 m 9' | |
|---------------|---|--------------------------|-----------------|--------------------------|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs | Cf | Cs |
| 6.0 m 19' | | *15300 *33,800 | 11950 26,400 | *15550 *34,200 | 12800 28,200 | *17500 *38,600 | *17500 *38,600 | *21050 *46,400 | *21050 *46,400 | | | | |
| 3.0 m 9' | | 13000 28,600 | 9950 21,900 | 15450 34,100 | 11950 26,300 | *21450 *47,300 | 16700 36,800 | *28400 *62,700 | 24300 53,500 | | | | |
| 0 m 0' | | 13550 29,800 | 10300 22,700 | 14750 32,500 | 11250 24,800 | 20200 44,600 | 15450 34,100 | 29750 *65,600 | 22450 49,500 | *30200 *66,600 | *30200 *66,600 | | |
| -3.0 m -9' | | *18150 *40,000 | 14250 31,400 | | | *19850 *43,800 | 15550 34,300 | *26200 *57,800 | 22750 50,200 | *33850 *74,700 | *33850 *74,700 | *42600 *93,900 | *42600 *93,900 |

*Load is limited by hydraulic capacity rather than tipping. Ratings are based on Standard No. J1097. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.