WALK-AROUND

**NET HORSEPOWER**
65.5 HP @ 1950 rpm
48.8 kW @ 1950 rpm

**OPERATING WEIGHT**
17,747 lb
8050 kg

Photos may include optional equipment.
PERFORMANCE AND VERSATILITY

Standard value added features provide operators with flexible jobsite performance.

New engine and hydraulic technology improves productivity by up to 3% and lowers fuel consumption by up to 5%.

A powerful Komatsu SAA4D95LE-6 engine provides a net output of 48.8 kW 65.5 HP (up to 16% more than the previous model). This engine is EPA Tier 4 Final emissions certified.

Komatsu Diesel Oxidation Catalyst (KDOC) reduces particulate matter using passive regeneration 100% of the time.

No DEF or DPF is required.

Variable Flow Turbocharger is designed to provide optimum air flow under all speed and load conditions.

Komatsu's Closed-center Load Sensing System (CLSS) provides quick response and smooth operation to maximize productivity.

Enhanced working modes are designed to match engine speed, pump delivery, and system pressure to the application.

Large LCD color monitor panel:
- 7” high resolution screen
- Provides “Ecology-Guidance” for fuel efficient operation
- Enhanced attachment control

Rearview monitoring system (standard)

Equipment Management Monitoring System (EMMS) continuously monitors machine operation and vital systems to identify machine issues and assist with troubleshooting.

Enhanced working environment
- High back, suspension operator seat
- Integrated ROPS cab design
- Cab meets ISO Level 1 Operator Protective Guard (OPG) top guard
- Aux jack and (2) 12V outlets

Offset boom allows the PC78US-10 to fit in confined spaces at jobsites.

Wide access service doors provide easy access for ground level maintenance.

Standard Auxiliary Piping for Attachments

Operator Identification System can track machine operation for up to 100 operators.

Battery disconnect switch allows a technician to disconnect the power supply before servicing the machine.

Komatsu designed and manufactured components

Convenient access for maintenance and daily checks.

Komatsu Auto Idle Shutdown helps reduce nonproductive engine idle time and reduces operating costs.

Standard 7’7” 2320 mm blade

Standard pattern change valve

Two travel speeds

KOMTRAX® equipped machines can send location, SMR and operation maps to a secure website or smart phone utilizing wireless technology. Machines also relay error codes, cautions, maintenance items, fuel, and much more.

* Thumb is not standard  ** All comparisons are to the prior model, unless otherwise stated.
PERFORMANCE FEATURES

Powerful and Smooth, and yet Efficient Work Is Achieved

Increased productivity
The improved vehicle control contributes to increased productivity while maintaining low fuel consumption.

Productivity

up to 3% increase
(Compared to the PC78US-8)

The productivity data is based on in-house test results.

High mobility
The powerful drawbar pull of the PC78US-8 has been further enhanced to two percent greater maximum drawbar pull, providing excellent steering and hill climbing performance.

Maximum drawbar pull

up to 2% increase
(Compared to the PC78US-8)

Equipped with swing back prevention valve
The swing motor is equipped with a swing back reduction valve as standard for smooth stop of swing. This feature enables easy positioning of work equipment, which reduces load spilling from the bucket.

Equipped with a Blade as Standard Equipment
A blade for efficient back-filling and leveling work is equipped as standard. The dedicated pump for the blade enables smooth dozing operation.
**Advanced Electronic Control System**
The engine control system has been upgraded to effectively manage a variety of parameters such as the air flow rate, EGR gas flow rate, fuel injection parameters, and after-treatment functions. The new control system also provides enhanced diagnostic capabilities.

**Environment-Friendly Engine**
The Komatsu SAA4D95LE-6 engine is EPA Tier 4 Final emissions certified and provides exceptional performance while reducing fuel consumption. Based on Komatsu proprietary technologies developed over many years, this new diesel engine reduces exhaust gas particulate matter (PM) by more than 90% and nitrogen oxide (NOx) by more than 15%, compared to Komatsu Tier 4 Interim levels. Through the in-house development and production of engines, electronics, and hydraulic components, Komatsu has achieved great advancements in technology providing high levels of performance and efficiency in virtually all applications.

**Newly designed Variable Flow Turbocharger (VFT)**
A newly designed variable flow turbocharger features simple and reliable technology that varies the intake airflow. This provides optimum air flow under all speed and load conditions producing cleaner exhaust gas without sacrificing power and performance.

**Cooled Exhaust Gas Recirculation (EGR)**
Cooled EGR, a technology that has been well proven in Komatsu Tier 3 and 4 Interim engines, reduces NOx emission to meet Tier 4 levels. The EGR system has increased capacity and uses larger and more robust components to ensure reliability for demanding work conditions.

**Komatsu Diesel Oxidation Catalyst (KDOC)**
The new Komatsu Diesel Oxidation Catalyst (KDOC) has an integrated design that does not interfere with daily operation. This smart and simplified system removes soot using 100% "passive regeneration" without the need for a Diesel Particulate Filter. The KDOC is a simple design and does not have a scheduled service interval like a DPF and is designed for long life with no scheduled maintenance required. For owners, this means lower owning and operating costs due to less complexity and seamless operation.
PERFORMANCE FEATURES

Efficient Hydraulic System
The PC78US-10 uses a Closed-center Load Sensing System (CLSS) that improves fuel efficiency and provides quick response to the operator’s demands.

The PC78US-10 also introduces new technology to enhance the engine and hydraulic pump control. This total control system matches the engine and hydraulics at the most efficient point under different load conditions. There have also been improvements in the main valve and hydraulic circuit to reduce hydraulic loss, resulting in higher efficiency and lower fuel consumption.

Reduced Up To 5% Fuel consumption*

*vs PC78US-8 Based on typical work pattern collected via KOMTRAX

Working Mode Selection
The PC78US-10 excavator is equipped with six working modes (P, E, L, B, ATT/P and ATT/E). Each mode is designed to match engine speed, pump flow, and system pressure to the application. The PC78US-10 features a new mode (ATT/E) which allows operators to run attachments while in Economy mode.

<table>
<thead>
<tr>
<th>Working Mode</th>
<th>Application</th>
<th>Advantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Power mode</td>
<td>• Maximum production/power • Fast cycle times</td>
</tr>
<tr>
<td>E</td>
<td>Economy mode</td>
<td>• Good cycle times • Better fuel economy</td>
</tr>
<tr>
<td>L</td>
<td>Lifting mode</td>
<td>• Increases hydraulic pressure</td>
</tr>
<tr>
<td>B</td>
<td>Breaker mode</td>
<td>• Optimum engine rpm, hydraulic flow</td>
</tr>
<tr>
<td>ATT/P</td>
<td>Attachment</td>
<td>• Optimum engine rpm, hydraulic flow, 2-way • Power mode</td>
</tr>
<tr>
<td></td>
<td>Power mode</td>
<td></td>
</tr>
<tr>
<td>ATT/E</td>
<td>Attachment</td>
<td>• Optimum engine rpm, hydraulic flow, 2-way • Economy mode</td>
</tr>
<tr>
<td></td>
<td>Economy mode</td>
<td></td>
</tr>
</tbody>
</table>
**OPERATION FEATURES**

**True Tight Tail Swing For Confined Areas**

**Short implement swing radius**
12' 2" (3710 mm) boom raising angle of the PC78US-10 is larger than a conventional profile excavator. The result is reduced front implement swing radius.

**Tight tail swing radius**
4' 7" 1390 mm short tail swing radius of the PC78US-10 allows the machine to work in more confined areas than a conventional machine.

**Round Profile of both Front and Rear Portion of the Upper Structure**

Komatsu tighttail hydraulic excavators allows the machine to work in surprisingly tight quarters.

**True Tight Tail Performance**

The versatile PC78US-10 can fit into areas where a conventional machine cannot. The contoured cab design and convex sliding door allow the cab to swing within the same turning radius as the counterweight.

**Ideal For Confined Applications**

The PC78US-10 is an ideal machine for residential and roadwork. The tight tail design and minimum swing radius makes it possible to work close to buildings, walls and other obstacles.
RELIABILITY FEATURES

**High Rigidity Work Equipment**
Booms and arms are constructed with thick plates of high tensile strength steel. In addition, these structures are designed with large cross-sectional areas and large one piece castings in the boom foot and the boom tip. The result is work equipment that exhibits long term durability and high resistance to bending and torsional stress.

**Grease Sealed Track**
The PC78US-10 uses grease sealed tracks for extended undercarriage life.

**Metal Guard Rings**
The PC78US-10 uses metal guard rings to protect all of the hydraulic cylinders and improve long term reliability.

**Komatsu Designed Components**
All of the major machine components such as the engine, hydraulic pumps, hydraulic motors, and control valves are exclusively designed and manufactured by Komatsu.

**O-Ring Face Seals**
Flat face-to-face O-ring seals are used to securely seal hydraulic hose connections.

**Durable Frame Structure**
The revolving frame, center frame, and undercarriage are designed using the most advanced three dimensional CAD and FEM analysis technology.

**Durable Arm Tip Bushing**
The end face of the arm tip bushing provides high resistance to seizure and wear.
Newly Designed Wide Spacious Cab
The newly designed wide spacious cab features a high back, fully adjustable seat with a reclining backrest. The console and seat have an integrated design so that they move together and provide additional comfort for the operator.

The new higher capacity operator seat has been enhanced to provide more comfort.
- Integrated Seat
- Console Mounted Arm Rests

Auxiliary Input (MP3 Jack)
By connecting an auxiliary device such as an MP3 player to the auxiliary input, the operator can hear the sound through the speakers installed in the cab.

Pressurized Cab
The air conditioner, air filter, and a higher internal cab air pressure minimize the amount of external dust that enters the cab.

Automatic Air Conditioner
The automatic air conditioner allows the operator to easily and precisely set the cab atmosphere using the large LCD color monitor panel. The bi-level control function improves air flow and keeps the inside of the cab comfortable throughout the year.

Low Vibration with Viscous Cab Mounts
The PC78US-10 uses viscous mounts for the cab that incorporate a longer stroke and the addition of a spring. The cab damper mounting combined with a high rigidity deck reduces vibration at the operator’s seat.
**Operational Information**

The monitor panel provides operational advice to the operator to help improve machine efficiency and lower fuel consumption. The operator can access the ecology guidance menu to check the Operation Records, Ecology Guidance Records, and Average Fuel Consumption records.

**Improved Attachment Control**

The PC78US-10 is capable of storing up to ten different attachments in the new monitor panel. The name of each attachment can be changed for better tool management. Hydraulic flow rates can be easily adjusted for one-way and two-way flow attachments.

**Large High Resolution LCD Monitor Panel**

A new large, user-friendly, high resolution LCD color monitor enables accurate and smooth work. Screen visibility and resolution are further improved compared to the previous LCD monitor panel. The switches and function keys are easy to operate and provide simple navigation through the monitor screens.

Data is displayed in 25 languages to support operators around the world.

**Indicators**

1. Auto-decelerator
2. Working mode
3. Travel speed
4. Engine water temperature gauge
5. Fuel consumption gauge
6. Fuel gauge
7. Eco-gauge
8. Hydraulic oil temperature gauge
9. Function switches menu

**Basic operation switches**

1. Auto-decelerator
2. Working mode selector
3. Traveling selector
4. Buzzer cancel
5. Wiper
6. Windshield washer
MAINTENANCE FEATURES

**Easy Access Coolers**
The radiator and oil cooler are side-by-side modules which simplifies cleaning, removing, and installing.

**Battery Disconnect Switch**
A standard battery disconnect switch allows a technician to disconnect the power supply and lock out before servicing the machine.

**Large Tool Box**
Large tool box provides plenty of space. Grease gun storage space is also provided.

**Fan Belt Auto-tensioner**
You can service the fan belt easily.

**Long Life Oils, Filters**
High performance filters are used in the hydraulic circuit and engine. By increasing the oil and filter replacement intervals, maintenance costs can be significantly reduced.

![Hydraulic oil filter (Ecology-white element)]

**Extended Work Equipment Greasing Intervals**
Special hard material is used for the work equipment bushings to lengthen the greasing intervals. All work equipment bushing lubrication intervals, except the arm tip and bucket linkage, are 500 hours, reducing maintenance costs.

**High Efficiency Fuel Filters**
Komatsu’s pre-filter and water separator comes with a built in priming pump. A new high efficiency dual element fuel filter provides twice the filtration capacity.

<table>
<thead>
<tr>
<th>Part</th>
<th>Replacement Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine oil &amp;</td>
<td>every 500 hours</td>
</tr>
<tr>
<td>Engine oil filter</td>
<td></td>
</tr>
<tr>
<td>Hydraulic oil</td>
<td>every 5000 hours</td>
</tr>
<tr>
<td>Hydraulic oil filter</td>
<td>every 1000 hours</td>
</tr>
</tbody>
</table>
Equipment Management Monitoring System (EMMS)
The PC78US-10 features an advanced diagnostic system that continuously monitors the machine’s vital systems. EMMS tracks maintenance items, provides advanced troubleshooting tools, reduces diagnostic times, and displays error codes. Through continuous monitoring, the EMMS helps identify issues before they become worse and allows the operator to concentrate on the work at hand.

Maintenance Tracking
When the machine approaches or exceeds the oil and filter replacement interval, the monitor panel will display lights to inform the operator.

Abnormalities Display with Code
When an abnormality occurs an error code is displayed on the monitor. When an important code is displayed, a caution lamp blinks and warning buzzer sounds to alert the operator to take action. The monitor also stores a record of abnormalities for more effective troubleshooting.

Advanced Monitoring System
The monitor provides advanced monitoring diagnostics to assist with troubleshooting and reduce costly downtime.
ROPs Cab Design
The PC78US-10 is equipped with an integrated ROPS cab as standard equipment. The cab also meets OPG Top Guard Level 1 requirements.

Rear View Monitoring System
The operator can view the rear of the machine with a color monitor screen. The main screen display mode can be changed by pressing the F3 key.

Standard Blade
Every PC78US-10 comes standard with a 2320mm 7'7" blade. A wide angle blade is also available as an option.

Pattern Change Valve Standard
A pattern change valve is conveniently located below the cab, making switching from excavator controls to backhoe controls quick and easy.

Operator Identification Function
An operator identification ID can be set for each operator, and used to manage operation information of individual machines as KOMTRAX data. Data sent from KOMTRAX can be used to analyze operation status by operator as well as by machine.
Komatsu CARE – Complimentary Scheduled Maintenance

- PM services for the earlier of 3 years / 2000 hours
- Performed by factory certified technicians
- Komatsu Genuine parts and fluids
- Significantly lowers your cost of ownership while maintaining high uptime and reliability
- Increases resale value and provides detailed maintenance records
- Extended PM services can be purchased beyond the complimentary period to provide additional peace of mind and maximize uptime

Komatsu CARE – Extended Coverage

- Extended Coverage can provide peace of mind by protecting customers from unplanned expenses that effect cash flow
- Purchasing extended coverage locks-in the cost of covered parts and labor for the coverage period and helps turn these into fixed costs

Komatsu Parts Support

- 24/7/365 to fulfill your parts needs
- 9 parts Distribution Centers strategically located across the U.S. and Canada
- Distributor network of more than 300 locations across U.S. and Canada to serve you
- Online part ordering through Komatsu eParts
- Remanufactured components with same-as-new warranties at a significant cost reduction

Komatsu Oil and Wear Analysis (KOWA)

- KOWA detects fuel dilution, coolant leaks, and measures wear metals
- Proactively maintain your equipment
- Maximize availability and performance
- Can identify potential problems before they lead to major repairs
- Reduce life cycle cost by extending component life
KOMTRAX EQUIPMENT MONITORING

✓ WHAT
- KOMTRAX is Komatsu’s remote equipment monitoring and management system
- KOMTRAX continuously monitors and records machine health and operational data
- Information such as fuel consumption, utilization, and a detailed history lowering owning and operating cost

✓ WHEN
- Know when your machines are running or idling and make decisions that will improve your fleet utilization
- Detailed movement records ensure you know when and where your equipment is moved
- Up to date records allow you to know when maintenance is due and help you plan for future maintenance needs

✓ WHERE
- KOMTRAX data can be accessed virtually anywhere through your computer, the web or your smart phone
- Automatic alerts keep fleet managers up to date on the latest machine notifications

✓ WHY
- Knowledge is power - make informed decisions to manage your fleet better
- Knowing your idle time and fuel consumption will help maximize your machine efficiency
- Take control of your equipment - any time, anywhere

✓ WHO
- KOMTRAX is standard equipment on all Komatsu construction products

For construction and compact equipment.

For production and mining class machines.

GET THE WHOLE STORY WITH KOMTRAX®
SPECIFICATIONS

ENGINE
Model: Komatsu SAA4D95LE-6
Type: Water-cooled, 4-cycle, direct injection
Aspiration...Variable flow, turbocharged, air-to-air aftercooled EGR
Number of cylinders: 4
Bore: 95 mm
Stroke: 115 mm
Piston displacement: 3.26 ltr
Horsepower:
  SAE J1995: Gross 50.7 kW
  ISO 9249 / SAE J1349: Net 48.8 kW
Rated rpm: 1500
Governor: All-speed control, electronic
Lubrication system:
  Method: Gear pump, force-lubrication
  Filter: Full-flow
Air cleaner: Air cleaner, double element and auto dust evacuator
*EPA Tier 4 Final emissions certified

HYDRAULICS
Type: HydraulMind (Hydraulic Mechanical Intelligence New Design) system, closed-center system with load sensing valve and pressure compensated valve
Number of selectable working modes: 6
Main pumps:
  Pumps for...Boom, arm, bucket, and travel circuits
  Type: Variable capacity piston type, axial piston
  Maximum flow: 160 ltr/min 42.2 gal/min
  Pumps for...Swing and blade
  Type: Fixed displacement gear
  Travel: 2 x piston motor with parking brake
  Maximum flow: 63 ltr/min 16.64 gal/min
Hydraulic motors:
  Swing: 1 x axial piston motor with swing holding brake
Relief valve setting:
  Implement circuits: 26.5 MPa 270 kgf/cm² 3,844 psi
  Travel circuits: 27.0 MPa 275 kgf/cm² 3,916 psi
  Swing circuits: 21.1 MPa 215 kgf/cm² 3,060 psi
  Pilot circuits: 3.2 MPa 33 kgf/cm² 464 psi
  Blade circuit (Raise): 12.7 MPa 130 kgf/cm² 1,842 psi
  Blade circuit (Lower): 20.0 MPa 210 kgf/cm² 2,900 psi
Hydraulic cylinders:
  (Number of cylinders – bore x stroke x rod diameter)
  Boom: 1–115 mm x 858 mm x 65 mm 4.53" x 33.8" x 2.56"
  Arm: 1–100 mm x 861 mm x 60 mm 3.9" x 33.9" x 2.36"
  Bucket: 90 mm x 710 mm x 55 mm 3.54" x 27.95" x 2.17"
  Blade: 1–130 mm x 200 mm x 65 mm 5.12" x 7.87" x 2.56"

DRIVES AND BRAKES
Steering control: Two levers with pedals
Drive method: Fully hydrostatic
Maximum drawbar pull: 68.2 kN 6950 kgf 15,489 lbf
Maximum travel speed:
  High: 5 km/h 3.1 mph
  Low: 2.8 km/h 1.7 mph
Service brake: Hydraulic lock
Parking brake: Mechanical disc

SWING SYSTEM
Driven by: Hydraulic motor
Swing reduction: Planetary gear
Swing circle lubrication: Grease-bathed
Swing lock: Mechanical disc brake
Swing speed: 10 rpm

UNDERCARRIAGE
Center frame: X-frame leg
Track frame: Box-section
Track type: Sealed
Track adjuster: Hydraulic
Number of shoes (each side): 39
Number of carrier rollers (each side): 1
Number of track rollers (each side): 5

COOLANT & LUBRICANT CAPACITY

Fuel tank: 125 ltr 33 U.S. gal
Radiator: 13 ltr 3.43 U.S. gal
Engine: 11.5 ltr 3.04 U.S. gal
Final drive, each side: 1.1 ltr 0.29 U.S. gal
Swing drive: 2.0 ltr 0.53 U.S. gal
Hydraulic tank: 56 ltr 14.8 U.S. gal

OPERATING WEIGHT (APPROXIMATE)
Operating weight includes 3710 mm 12’2" one-piece boom, 2250 mm 7’5" arm, SAE heaped 0.2 m³ 0.26 yd³ bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

<table>
<thead>
<tr>
<th>Track Shoes</th>
<th>With Blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track Shoes</td>
<td>Operating Weight</td>
</tr>
<tr>
<td>450 mm 18&quot;</td>
<td>7910 kg</td>
</tr>
<tr>
<td>600 mm 24&quot;</td>
<td>8080 kg</td>
</tr>
<tr>
<td>450 mm 18&quot;</td>
<td>8050 kg</td>
</tr>
</tbody>
</table>

| Road Liner | 33 U.S. gal |
| 450 mm 18" | 36.4 ltr | 0.8 U.S. gal |
| 600 mm 24" | 39 ltr | 1.0 U.S. gal |
| 450 mm 18" | 33 U.S. gal | 0.76 U.S. gal |
**DIMENSIONS**

<table>
<thead>
<tr>
<th></th>
<th>Boom length</th>
<th>C.E. 7&quot; (5')</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2250 mm</td>
<td>7'5&quot;</td>
</tr>
<tr>
<td>B</td>
<td>6270 mm</td>
<td>20'7&quot;</td>
</tr>
<tr>
<td>C</td>
<td>2945 mm</td>
<td>9'8&quot;</td>
</tr>
<tr>
<td>D</td>
<td>2330 mm</td>
<td>7'8&quot;</td>
</tr>
<tr>
<td>E</td>
<td>2760 mm</td>
<td>9'1&quot;</td>
</tr>
<tr>
<td>F</td>
<td>785 mm</td>
<td>2'7&quot;</td>
</tr>
<tr>
<td>G</td>
<td>410 mm</td>
<td>1'4&quot;</td>
</tr>
<tr>
<td>H</td>
<td>2235 mm</td>
<td>7'4&quot;</td>
</tr>
<tr>
<td>I</td>
<td>2320 mm</td>
<td>7'8&quot;</td>
</tr>
<tr>
<td>J</td>
<td>1870 mm</td>
<td>6'2&quot;</td>
</tr>
<tr>
<td>K</td>
<td>1885 mm</td>
<td>6'2&quot;</td>
</tr>
<tr>
<td>L</td>
<td>1955 mm</td>
<td>6'5&quot;</td>
</tr>
<tr>
<td>M</td>
<td>2330 mm</td>
<td>7'8&quot;</td>
</tr>
<tr>
<td>N</td>
<td>1885 mm</td>
<td>6'2&quot;</td>
</tr>
<tr>
<td>O</td>
<td>1885 mm</td>
<td>6'2&quot;</td>
</tr>
</tbody>
</table>

* : Dimension of the machine with the triple grouser shoes.

**BACKHOE BUCKET, ARM AND BOOM COMBINATIONS**

<table>
<thead>
<tr>
<th>Bucket Capacity (heaped)</th>
<th>Width</th>
<th>Weight</th>
<th>Number of Teeth</th>
<th>Arm Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAE, PCSA</td>
<td>CEECE</td>
<td>Without Side Cutters</td>
<td>With Side Cutters</td>
<td>With Side Cutters</td>
</tr>
<tr>
<td>0.09 m³</td>
<td>0.12 yd³</td>
<td>0.08 m³</td>
<td>0.10 yd³</td>
<td>350 mm</td>
</tr>
<tr>
<td>0.12 m³</td>
<td>0.16 yd³</td>
<td>0.11 m³</td>
<td>0.14 yd³</td>
<td>450 mm</td>
</tr>
<tr>
<td>0.20 m³</td>
<td>0.26 yd³</td>
<td>0.18 m³</td>
<td>0.24 yd³</td>
<td>550 mm</td>
</tr>
<tr>
<td>0.28 m³</td>
<td>0.37 yd³</td>
<td>0.25 m³</td>
<td>0.33 yd³</td>
<td>650 mm</td>
</tr>
<tr>
<td>0.34 m³</td>
<td>0.44 yd³</td>
<td>0.30 m³</td>
<td>0.39 yd³</td>
<td>755 mm</td>
</tr>
</tbody>
</table>

- : General digging  - : Light-duty operation  X : Not available

**WORKING RANGE**

<table>
<thead>
<tr>
<th></th>
<th>Boom Length</th>
<th>Arm Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3710 mm</td>
<td>12'2&quot;</td>
</tr>
<tr>
<td>B</td>
<td>2250 mm</td>
<td>7'5&quot;</td>
</tr>
<tr>
<td>C</td>
<td>7650 mm</td>
<td>25'1&quot;</td>
</tr>
<tr>
<td>D</td>
<td>5550 mm</td>
<td>18'3&quot;</td>
</tr>
<tr>
<td>E</td>
<td>4660 mm</td>
<td>15'3&quot;</td>
</tr>
<tr>
<td>F</td>
<td>3980 mm</td>
<td>13'1&quot;</td>
</tr>
<tr>
<td>G</td>
<td>6920 mm</td>
<td>22'8&quot;</td>
</tr>
<tr>
<td>H</td>
<td>6780 mm</td>
<td>22'3&quot;</td>
</tr>
<tr>
<td>I</td>
<td>1710 mm</td>
<td>5'7&quot;</td>
</tr>
<tr>
<td>J</td>
<td>2050 mm</td>
<td>6'9&quot;</td>
</tr>
</tbody>
</table>

Bucket digging force:

<table>
<thead>
<tr>
<th></th>
<th>SAE rating</th>
<th>ISO rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53.3 kN</td>
<td>5440 kgf / 11,982 lb</td>
</tr>
<tr>
<td></td>
<td>33.3 kN</td>
<td>3380 kgf / 7,486 lb</td>
</tr>
<tr>
<td></td>
<td>61.3 kN</td>
<td>6250 kgf / 13,760 lb</td>
</tr>
<tr>
<td></td>
<td>34.5 kN</td>
<td>3520 kgf / 7,756 lb</td>
</tr>
</tbody>
</table>

with road liner
### LIFT CAPACITIES

#### LIFTING CAPACITY WITH LIFTING MODE

A: Reach from swing center  
B: Bucket hook height  
C: Lifting capacity  
Cc: Rating over front  
Cs: Rating over side  
\( \Theta \): Rating at maximum reach  

**Conditions:**  
- 3710 mm 12' 2" one-piece boom  
- No bucket  
- Blade on ground

**Arm:** 2250 mm 7'5" (with ATT piping)  
**Shoes:** 450 mm 18" Road Liner  
**Unit:** kg lb

<table>
<thead>
<tr>
<th>A</th>
<th>1.5 m 4'11&quot;</th>
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*Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.*

#### LIFTING CAPACITY WITH LIFTING MODE

A: Reach from swing center  
B: Bucket hook height  
C: Lifting capacity  
Cc: Rating over front  
Cs: Rating over side  
\( \Theta \): Rating at maximum reach  

**Conditions:**  
- 3710 mm 12' 2" one-piece boom  
- No bucket  
- Blade on ground

**Arm:** 2250 mm 7'5" (with ATT piping)  
**Shoes:** 450 mm 18" Rubber Shoe  
**Unit:** kg lb

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### LIFTING CAPACITY WITH LIFTING MODE

![Diagram of a crane showing dimensions and ratings]

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

**Conditions:**  
- 3405 mm 11' 2" one-piece boom  
- No bucket  
- Blade off ground  

#### Arm: 2250 mm 7'5" (with ATT piping)  
#### Shoes: 450 mm 18" Road Liner  
#### Unit: kg lb

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### LIFTING CAPACITY WITH LIFTING MODE

![Diagram of a crane showing dimensions and ratings]

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

**Conditions:**  
- 3405 mm 11' 2" one-piece boom  
- No bucket  
- Blade off ground  

#### Arm: 2250 mm 7'5" (with ATT piping)  
#### Shoes: 450 mm 18" Rubber Shoe  
#### Unit: kg lb

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### STANDARD EQUIPMENT

- 2320 mm **7'8"** blade
- Alternator, 24 Ampere, 60V
- AM/FM radio
- Automatic engine warm-up system
- Automatic air conditioner/heater
- Auxiliary input (3.5mm jack)
- Battery disconnect switch
- Converter, (2) x 12V
- Counterweight, 490 kg, **1,080 lb**
- Dry type air cleaner, double element
- Electric horn
- EMMS monitoring system
- Engine, Komatsu SAA4D95LE-6
- Engine overheat prevention system
- Extended work equipment grease interval
- Fan guard structure
- Fuel system pre-cleaner 10 micron
- Hydraulic control unit, 1 actuator
- Hydraulic track adjusters
- KOMTRAX®
- Large LCD color monitor, high resolution
- Lock lever
- Mirrors, (LH and RH)
- Operator Protective Top Guard (OPG), Level 1
- Pattern change valve (ISO to BH control)
- PPC hydraulic control system
- Pump/engine room partition cover
- Radiator and oil cooler dustproof net
- Rear reflectors
- Rearview monitoring system (1 camera)
- Revolving frame undercovers
- ROPS cab
- Seat belt, retractable, 76mm **3"**
- Seat belt indicator
- Secondary engine shutoff switch
- Service valve
- Skylight
- Slip resistant foot plates
- Starter motor, 4.5kW
- Suction fan
- Thermal and fan guards
- Travel alarm
- Working lights, 2 cab/1 boom LH
- Working mode selection system

### OPTIONAL EQUIPMENT

- Arms
  - 2250 mm **7'5"** arm assembly
- Boom
  - 3710 mm **12'2"** arm assembly
- Shoes, road liner, 450 mm **18"**
- Shoes, triple grouser, 450 mm **18"**
- Shoes, triple grouser, 600 mm **24"**
- Shoes, rubber shoe, 600 mm **24"**
- Track roller guard
- Blade assembly 2330 mm **7'8"**
- Wide blade 2470 mm **8'1"**
  (requires 600 mm **24"** shoes)

### ATTACHMENT OPTIONS

- Hydraulic couplers

For a complete list of available attachments, please contact your local Komatsu distributor.

Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.