PC138USLC-2
HYDRAULIC EXCAVATOR
with Tier 3 Engine

NET HORSEPOWER
92 HP @ 2200 rpm

OPERATING WEIGHT
31,107–32,568 lb

BUCKET CAPACITY
0.34–1.00 yd³

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**KOMATSU PC138USLC-2 HYDRAULIC EXCAVATOR with Tier 3 Engine**

**OPERATING WEIGHT (APPROXIMATE) 28,000 lbs.**

Operating weight including 15’1” one-piece boom, 8’2” arm, SAE heaped 0.65 yd³ backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

- **Model:** Komatsu SA4AD95LE-5
- **Type:** Water cooled, 4-cylinder, direct injection
- **Aspiration:** Turbocharged, and air-to-air aftercooled
- **Number of cylinders:** 4
- **Bore:** 3.74”
- **Stroke:** 4.53”
- **Piston displacement:** 199 in³

**Powerhouse:**
- Gross (SAE J1995)...
- Net (ISO 9249/SAE J1349)
- 68 kW 92 HP @ 2200 rpm
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**Governor:**
- All speed control, electronic

**Lubrication system:**
- Method: Gear pump, force-lubrication

**Air cleaner:**
- Dry type with double elements and auto dust evacuator, plus dust indicator EPA Tier 3 emission ready.

**HYDRAULIC SYSTEM**

Type:...
- Hydraulim (Hydraulic Mechanical Intelligence New Design) system,
- Closed-center system with load-sensing valve and pressure-compensated valve

**Main pump:**
- Type:...
- Variable capacity piston type

**Hydraulic motors:**
- Travel: 2 x piston motor with parking brake
- Swing: 1 x piston motor with swing holding brake

**Relief valve setting:**
- Implement circuits...
  - 5,050 psi
  - 2.920 psi
  - 470 psi

**Hydraulic cylinders:** Number of cylinders: 4 armed stroke
- Boom: 4.3” x 45.1”
- Arm:...
- Bucket...

**SWING SYSTEM**

- Driven by: Hydraulic motor
- Swing reduction...
- Planetary gear
- Swing circle lubrication...
- Grease-bathed
- Swing lock...
- Wet, multiple-disc brake
- Swing speed...
  - 11.0 rpm
- Swing torque...
  - 21,627 ft lbs

**DRIVES AND BRAKES**

- Steering control...
  - Two levers with pedals
  - Fully-hydraulic
  - Maximum drawbar pull...
  - 27,560 lb

**MAXIMUM TRAVEL SPEED:**

- 3.2 mph

**SLOW:**

- 1.8 mph

**SERVICE BRAKE:**

- Hydraulic lock
- Parking brake...
  - Wet, multiple-disc

**UNDERCARRIAGE**

- **Center frame:** X leg frame
- **Track frame:** Box-section
- **Track type:** Sealed track
- **Track adjuster:**...
- **Hydraulic Number of shoes:** 46 each side
- **Number of carrier rollers:** 2 each side
- **Number of track rollers:** 8 each side

**COOLANT AND LUBRICANT CAPACITY (REFILLING)**

| Fuel tank | 32.8 U.S. gal |
| Radiator | 3.8 U.S. gal |
| Engine | 2.9 U.S. gal |
| Final drive, each side | 0.7 U.S. gal |
| Swing drive | 0.7 U.S. gal |
| Hydraulic tank | 18.2 U.S. gal |