

HYDRAULIC EXCAVATOR

STANDARD EQUIPMENT

Engine and related items:

- Komatsu SAA12V140E-3 engine
- Air cleaner, double element dry (Inside mounted)
- Two cooling fans with fan guard (Hydraulic drive, for radiator and oil cooler)
- Fuel pre-filters with water separators
- Corrosion resistors

Electrical system:

- Alternators, 2 x 90 A/24 V
- Batteries, 140 Ah, 4 x 12 V
- Starting motors, 2 x 11 kW
- Working lights, 4 boom, 4 cab base, 3 fuel tank top front, 1 left front and 1 left under cab side catwalk
- Auto decelerator and auto idling system
- Radio
- Lighting switches instrument panel

Undercarriage:

- 810 mm double grouser shoes
- 8 track rollers / 3 carrier rollers (each side)
- Hydraulic idler cushion (HIC) with shock absorbing accumulator

- Track guiding guard (Separate type)

Guards and covers:

- Dustproof net for radiator and oil cooler
- Pump/engine room partition cover
- Power module under cover
- Travel motor guard

Operators cab:

- Large damper mounted and pressurized mining shovel cab with large tinted windshield, lockable door, large twin wipers and washers, floor mats, cigarette lighter, ashtray and cup holders
- Instrument panel with electronic display/monitor system (7"-TFT-LCD), electrically-controlled throttle dial, electric service meter, gauges (coolant temperature, hydraulic oil temp., fuel level, PTO oil temp., eco-gauge)
- Built-in top guard conforming to OPG level 2 (ISO)
- Automatic air conditioners (twin)
- Seat, fully adjustable air suspension with retractable seat belt

- Trainer's seat
- Sun shield
- Fire extinguisher

Hydraulic system:

- E-OLSS (Electric Open Center Load Sensing System)
- 4 variable displacement piston pumps (2 tandem pumps) for work equipment, travel and swing, 2 variable displacement piston pumps (1 tandem pump) for fan drive
- Two axial piston motors for swing with single stage relief valve
- One axial piston motor per track for travel with counterbalance valve
- Four control valves (two integrated valves) for work equipment, swing and travel
- Control levers for work equipment and swing with PPC system
- Control levers and pedals for travel with PPC system
- Oil cooler
- High-pressure in-line oil filters
- Drain-filters for pumps & motors
- Shockless boom control
- Two-mode pressure setting for

boom

Drive system:

- Planetary travel gear with axial piston motor
- Travel parking brake

Others:

- Fully-automatic greasing system with 200 ltr
- Manual grease gun for track adjuster
- Slide ladder
- Fuel tank, 3.400 liter
- Automatic swing holding brake
- Emergency engine stop switch and fuel shut-off lever
- Maintenance light for night
- Step light with timer
- Light in machine cab
- Travel alarm
- Wide catwalk and large handrail
- Interconnected horn and flashing light
- Dual rearview mirrors
- KOMTRAX™ Plus (Vehicle Health Monitoring System)
- PM tune-up service connection

OPTIONAL EQUIPMENT

- Additional 6 fuses and terminals
- 3.900 mm backhoe arm assembly
- 4.450 mm loading shovel arm assembly
- 8.700 mm backhoe boom assembly
- 5.950 mm loading shovel assembly
- HID lamp system

- Rearview monitoring system
- Cab front full guard
- 1.010 mm triple grouser shoes
- Track frame undercover
- Grease refill system (Wiggins)
- Fuel quick charge system (Wiggins)
- Satellite communication system for KOMTRAX™ Plus (Orbcomm)

- Heavy-duty rock bucket
- 55 °C spec.
- Additional filter system for poor-quality fuel
- Additional pre-cleaner for engine air filter (Enginaire)

- Full length track guiding guards



Komatsu Europe International NV

Mechelsesteenweg 586
 B-1800 VILVOORDE (BELGIUM)
 Tel. +32-2-255 24 11
 Fax +32-2-252 19 81
 www.komatsueurope.com