Skid Steer Loader

SK1026-5

ENGINE POWER
63,9 kW / 85,7 HP @ 2,500 rpm

OPERATING WEIGHT
3,600 kg

OPERATING CAPACITY
1,200 kg
Walk-Around

Highly versatile and compact, the SK1026-5 skid steer loader is the result of the competence and technology that Komatsu has acquired over the past 80 years. Developed with constant attention to the needs of customers from all around the world, the end product is a user-friendly skid steer loader with top-class performances.

**Outstanding performances**
- PPC hydraulic servo-controls
- Closed-centre Load Sensing System (CLSS)
- 2 speed transmission
- Bucket self-levelling
- Automatic Power Control device

**Total versatility**
- Vertical lift design
- Wide range of attachments
- Available in “Super Flow” version
First-class operator comfort
- Spacious cab
- LCD panel
- Accelerator pedal

Highest safety standards
- ROPS-FOPS cab
- Safety sensors
- Excellent all around visibility
- Negative action brakes

Easy serviceability
- Easy access to all daily inspection points
- Tilting cab for full maintenance
- Extended 250-hour service interval

ENGINE POWER
63,9 kW / 85,7 HP @ 2.500 rpm
OPERATING WEIGHT
3.600 kg
OPERATING CAPACITY
1.200 kg
Outstanding Performances

Highly efficient
A self-levelling bucket is one of the many standard features of this Komatsu skid steer loader that make it highly efficient in any application. The accelerator pedal and a 2 speed transmission further increase operator productivity.

PPC servo-controls
The PPC servo-controls make the SK1026-5 easy to use. Natural movements and maximum precision guarantee unique efficiency and greatly contribute to reduce operator fatigue. The right joystick controls the movements of the arm and of the bucket; the left one controls the translation.

Automatic Power Control device (APC)
Thanks to the APC device, the operator can always use the engine's full capacity, with no waste of power or overloads. It gives priority to the work equipment, makes the most of the residual power by sending it to the travelling motors, and prevents engine shutdown – even during the toughest operations.
First-Class Operator Comfort

Spacious cab
A spacious cab, with a wide entrance and comfortable seat, provides a level of comfort that is unmatched in this class of machines. Ergonomic controls and the excellent 360° visibility make the operator’s work much easier and safer on any job site. On request, the SK1026-5 can be equipped with an exclusive front door that fits under the roof, and with side windows and heating or air conditioning for maximum comfort in all seasons.

LCD panel
The LCD panel on the safety bar allows to closely monitor all the machine’s main functions: from fuel level to water temperature, air filter condition, engine oil pressure and more.

Accelerator pedal
For an optimised engine usage, lower fuel consumption and improved acoustic comfort the operator can also adjust engine rpm with the accelerator pedal without removing the hand from the joystick.
Safety sensors
In case of unauthorised manoeuvres, a sophisticated system of sensors located on the safety bars and on the seat prevents all machine movements by automatically braking on the transmission and inhibiting the PPC controls. The ROPS-FOPS cab, the excellent dynamic stability of the machine and a 360° visibility combine to give the operator complete confidence in any situation.

Brakes
The service and parking brakes are incorporated into the translation motors. They are hydraulic negative action brakes and can be set “on” or “off” with a button located on the board to the left of the operator. The brakes are always “on” when the engine is not running.
Total Versatility

Multiple attachments
A wide range of attachments can be used with this machine, on many different job sites. Perfect for an everyday use on farms, building yards, industrial environments or harbours, the Komatsu skid steer loader stands in for manual labour with unparalleled versatility. The SK1026-5 is also available with an optional “Super Flow” hydraulic system, for using specialized attachments, and for extra power and flexibility.

Vertical lift
The design of the vertical lift arm makes this model particularly suited for loading and unloading operations, particularly with a pallet fork. And because of this special design, the SK1026-5 keeps the bucket reach constant throughout the whole trajectory. This allows higher tipping loads than for conventional models, along with increased ease-of-use and safety when working at maximum height.
Easy Maintenance

**Easy access to inspection points**

Routine maintenance and check-ups can be performed by simply opening a rear bonnet that also allows the user to clean the inclinable radiators. For extra servicing, the tilting cab offers complete access to the transmission and to the main components of the hydraulic system. Special self-lubricating bushings increase the greasing intervals for all pins up to 250 hours.
KOMTRAX™ is a revolutionary machine tracking system designed to save you time and money. You can now monitor your equipment anytime and anywhere. Use valuable machine data received via the KOMTRAX™ web site to optimise your maintenance planning and machine performances.

With KOMTRAX™, you can:
- Check when & where your machines are at work
- Be informed of unauthorized machine use or movement
- Set and receive e-mail notification for security alarms

For further details on KOMTRAX™, please ask your Komatsu dealer for the latest KOMTRAX™ brochure.
## Specifications

### ENGINE

The new generation engine has been developed to comply with the strictest emission controls.

- **Model:** Komatsu S4D98E-2NFE
- **Type:** 4-cycle water-cooled diesel engine
- **Bore x stroke:** 98 x 110 mm
- **No. of cylinders:** 4
- **Engine power at rated engine speed:** 2,500 rpm
  - ISO 14396: 63,9 kW / 85,7 HP
  - ISO 9249 (net engine power): 62,0 kW / 83,1 HP
  - Max. torque/engine speed: 235 Nm / 1,600 rpm
  - **Aspiration:** turbo
  - **Cooling system:** water
  - **Air filter type:** dry with safety element
  - **Starter motor:** electric motor with pre-heating air system for cold climate

### OPERATING WEIGHT

Operating weight with standard bucket, fully serviced, +75 kg operator (ISO 6016)...

### HYDRAULIC SYSTEM

- **Type:** Komatsu CLSS
- **Hydraulic pump:** gear pump
- **Max. pump flow:** 80 ltr/min
- **Max. operating pressure:** 210 bar
- **Control valve:** 3 elements fully servo-controlled

**SUPER FLOW hydraulic system (option):**
- **Max. pump flow:** 130 ltr/min
- **Max. operating pressure:** 210 bar
- **Control valve:** 3 elements

### TYRES

- **Standard:** 10-16.5 8PR
- **Option:** 10-16.5 8PR (narrow tread)
  - 33 x 15.5-16.5 (wide tyres)

### CONTROLS

Proportional servo-controls (PPC). The left lever controls the machine movements, the right one controls the working equipment. The pedal controls the auxiliary circuit for attachments. A safety system neutralises all operations when the safety bars are risen or the operator is not seated.

### SERVICE CAPACITIES

- **Hydraulic system:** 50 ltr
- **Fuel tank:** 73 ltr
- **Hydraulic transmission (chains):** 16 + 16 ltr
- **Engine oil:** 12.5 ltr

### ELECTRIC SYSTEM

- **Voltage:** 12 V
- **Battery:** 100 Ah
- **Alternator:** 40 A

### LOADERS

- **Operating capacity (ISO 14397):** 1.200 kg
- **Tipping load (ISO 14397):** 2.400 kg
- **Standard bucket capacity (ISO 7546):** 0,42 m³
- **Bucket breakout force (ISO 14397):** 2.400 daN (2.450 kg)

### ENVIRONMENT

- **Vibration levels (EN 12096:1997):**
  - Hand/arm: ≤ 2,5 m/s² (uncertainty K = 1,2 m/s²)
  - Body: ≤ 0,5 m/s² (uncertainty K = 0,2 m/s²)

* for the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.
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Standard and Optional Equipment

ENGINE
Komatsu S4D98E-2NFE turbocharged, direct injection diesel engine ●
Alternator 40 A ●
Battery 100 Ah ●

TRANSMISSION
2 speed transmission ●

HYDRAULIC SYSTEM
Auxiliary hydraulic circuit for attachments ●
Universal quick-coupler ●
Bucket floating function ●
SUPER FLOW version with 3 elements main valve (with drain line and electric connection) ○

TYRES AND BRAKES
Standard tyres 10-16.5 8PR ●
Automatic working and parking brakes ●
Narrow tread tyres 10-16.5 8PR ○
Wide tyres 33 × 15.5-16.5 ○

SERVICE AND MAINTENANCE
KOMTRAX™ - Komatsu satellite monitoring system ●
Cyclone air pre-filter ○

CABIN
ROPS / FOPS (Class 1) tilting cab ●
Adjustable seat with safety belt ●
Safety bars with incorporated display ●
Instrument panel including:
- hour meter
- LCD fuel level indicator
- LCD engine water temperature indicator
- safety warning lights: operator onboard, safety bars lowered
- other pilot lights: air filter clogging, engine oil pressure, generator, hydraulic oil filter, engine pre-heating, parking brake, working lights, direction indicators, floating

Accelerator pedal ●
12 V external power supply ●
Closed cab with side windows, door (with wiper) and heating or air conditioning ○
Deluxe suspension seat with safety belt ○
Fixed or sliding side windows ○
12 V internal power supply ○

SAFETY EQUIPMENT
Back-up alarm ●
Horn ●
Battery main switch ●
Rotating beacon ○
Accessories for road homologation ○
Rear view mirrors ○
FOPS Class 2 cab ○

LIGHTING SYSTEM
Two front working lights ●
2 rear working lights ○

OTHER EQUIPMENT
Bucket self-leveling ●
Mudguards ○
Additional modular rear counterweight (6 pieces, total 126 kg) ○

ATTACHMENTS
1.880 mm bucket with or without teeth ●
1.730 mm bucket with or without teeth ○
2.030 mm bucket with or without teeth ○
Cutting edge on teeth ○
Bolt-on cutting edge ○
Pallet forks ○
Lifting hooks ○
A wide range of attachments is available. Please consult your distributor for details of the full range.

Other attachments on request
● standard equipment ○ optional equipment

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Materials and specifications are subject to change without notice.

Printed in Europe – This specification sheet may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.