

KOMATSU®

SK1026-5

NET HORSEPOWER
62.6 kW **84 HP** @ 2500 rpm

OPERATING WEIGHT
3660 kg **8,068 lb**

SK
1026

SKID STEER LOADER



Photos may include optional equipment.

WALK-AROUND

Easy to use Travel and Loader PPC Joysticks

Low effort Proportional Pressure Control (PPC) joysticks operate travel and loader operations. Easy to use PPC controls help operators of all skill levels work precisely and efficiently all day long – with minimum effort and reduced operator fatigue.

Maximum Performance and Precise Control with HydraMind™

Komatsu's smooth and precise HydraMind™ system lets the operator feel the performance of the machine. The Closed Load Sensing System (CLSS) hydraulics are designed for both single and simultaneous movements which achieves unsurpassed control in positioning the bucket.

Standard Universal Attachment Quick Coupler

A universal quick coupler enables common attachments to be changed quickly and with little effort. Auxiliary hydraulics with flat faced connectors are standard. Most competitors' attachments can be utilized on Komatsu's skid steer loaders.

Two-Speed Travel, (standard)

Allows for low impact shift-on-the-go speed changes between 10.5 kph **6.5 MPH** work range and 16 kph **10 MPH** travel range. Improves load and carry cycle times and travel times between job sites.

Vertical lift-loader arm design

Komatsu's vertical lift-loader arm design makes it desirable for loading and unloading operations (especially with pallet forks). The front reach is kept virtually constant throughout the entire lift cycle.



Photos may include optional equipment.

Low Effort and Fine Hydraulic Control

The 80 ltr/min **21 GPM** standard auxiliary hydraulics can be metered from 3.7 to 80 ltr/min. **1 to 21 GPM** or locked into continuous flow and the PPC pedal control results in low effort and fine control.

Automatic Power Control "APC"

Patented Komatsu anti-stall hydraulic system designed to allow full utilization of engine power. The operator can work with full engine power during the toughest job site applications without worrying about engine stall.

Outstanding Visibility

Work with confidence and increased productivity. The standard top and rear shatter resistant windows, large side screen area as well as a superior view of the bucket, cutting edge and corners give the operator excellent 360° job site visibility.

Optional "Super Flow" Auxiliary Hydraulics

The optional "Super Flow" auxiliary hydraulic circuit enables the SK1026 to utilize many high flow attachments. Cold planers, stump grinders, flail mowers and other attachments can be easily operated with the PPC joysticks.

Intelligent Operator Controls

Komatsu has enhanced operator productivity and efficiency with their technologically advanced operator restraint bar. The operator restraint bar incorporates a LCD gauge panel and warning light system which is easily engaged and acts as a forearm rest. In addition, a Loader Arm Float Function control can be engaged on the joystick for enhanced back dragging or attachment applications.

Enhanced Loader Arm and Bucket Control

The hydraulic self leveling (up only) bucket with 2450 kg **5,400 lb** breakout force enhances the productivity of the operator on the job site. The 40° dump and 28° rollback angles of the bucket allow for a faster dump cycle and load retention over rough terrain.

Long Wheel Base

The Komatsu SK1026 skid steer loader has one of the longest wheel bases in its class, 1162 mm **45.7"**, giving the operator a more stable ride and a better platform for operating high flow attachments.

NET HORSEPOWER

62.6 kW **84 HP** @ 2500 rpm

OPERATING WEIGHT

3660 kg **8,068 lb**

1162 mm **45.7"**

Long Wheel Base

"APC"

Automatic Power Control

16.0 kph **10 MPH Max.**

Travel Speed



OPERATORS COMPARTMENT

Superior Engine Control

The engine RPM's can be controlled by either the hand throttle, the foot accelerator, or in combination for tight work sites. The foot accelerator is not available with hand and foot control pattern.

Effective Operator Cab Environment

All instrumentation is within the peripheral view of the operator. The function switches are waterproof and placed within easy reach of the operator for comfort and convenience.

Control Pattern Change Valve Lever - Optional

Convert from the Komatsu pattern to the optional pattern with the flip of a lever. This allows the Komatsu skid steer loader to be customized to meet the individual operators needs. Especially useful for rental centers or whenever different operators need to use the machine on the job site.

Enhanced Operator Comfort

The operator restraint bar is ergonomically designed to provide forearm support and restrains the operator from unintentionally leaving the seat. The seat incorporates a switch which de-activates the travel and hydraulic circuits while activating the wet disc brakes when the operator leaves the machine. A 76 mm **3"** seat belt is provided as standard equipment.



Split Designed Operator Restraint Bar

The split designed operator restraint bar is easily engaged from the left and right side respectfully. The gauge panels and indicator lights are incorporated into the restraint bar for enhanced operator efficiency, comfort and confidence. Monitoring of all critical machine functions is easy, convenient and doesn't distract the operator from the job at hand. The control pattern is back lit to identify which pattern is in operation.

**SPLIT DESIGNED OPERATOR
RESTRAINT BAR**

PPC JOYSTICK CONTROLS

**PATTERN CHANGE
VALVE LEVER**

**SUPERIOR OPERATOR
ENVIRONMENT**



PPC Joystick Controls

Another advanced feature is the low effort Proportional Pressure Control (PPC) joysticks that operate travel and loader operations. Easy to use PPC controls help operators of all skill levels work precisely and efficiently all day long – with minimum effort and reduced operator fatigue.

Auxiliary Hydraulic Control

The auxiliary hydraulic control provides excellent hydraulic power to front mounted hydraulic attachments. The foot pedal can be utilized with Komatsu or optional control pattern.

SERVICEABILITY

Tilt-Forward ROPS/FOPS, Top Engine Cover & Floor Plate

This patented feature allows the cab to tilt with the loader arms down or up. Access to the engine, hydraulic and hydrostatic components is easily achieved.

250 Hour Pin Greasing Interval

Minimizes daily downtime, reduces owning and operating costs. The special bronze bushings are specially treated and accompanied with dust seals.

Removable Polyvinyl Fuel Tank

The fuel tank is constructed of polyvinyl plastic, corrosion resistant, and guards against condensation. A large opening with a strainer allows for easy re-fueling and an external level indicator is visible during re-fueling. The fuel tank is easily removed with a fuel shut-off and quick release.



O-Ring Face Seal Fittings and Connectors

Specific torque settings are not required for optimal performance. The fitting and connectors have a low sensitivity to vibration and are reusable even after several disassemblies.

Side By Side Radiator and Oil Cooler

The radiator and oil cooler are accessible for cleaning from either side and are tiltable for additional inspection.

Hinged Top Engine Cover and Rear Door Panel

The top engine cover opens out of the way for excellent engine access and the hinged rear door allows for convenient daily service checks. The floorboard can be removed separately for easy chassis clean out.

Multi-Viscosity Oil Can Be Used for All Fluid Requirements

The engine oil, hydraulic oil and chain case oil utilize the same grade of multi-viscosity oil.

Loader Arm Maintenance Support Strut

Allows the operator to engage or disengage the maintenance support strut without leaving the operator's seat.



ENGINE-EPA TIER II CERTIFIED

Model	Komatsu S4D98E-2NFD
Type	Diesel engine, 4 cycle
Bore x stroke	.98 x 110 mm 3.85 x 4.334 in
Number of cylinders	4
Displacement	3.4 ltr 203 in³
Combustion	Direct injection
Aspiration	Turbocharged
Rated power:	
(SAE J1349)	.62 kW 84 HP @ 2500 rpm
(80/1269/EC)	.62 kW 83 HP @ 2500 rpm
Max. torque	.286 Nm 211 ft. lb. @ 1600 rpm
Cooling system	Water
Air filter	Dry type with dual element
Starting system	Electric motor with pre-heating air system for cold weather -16° C (3.2° F)



TRANSMISSION

Type	Hydrostatic
Pumps	2 x variable displacement with APC system
Motors	2 x axial pistons with two speeds
Final transmission with heavy duty roller chains (4) immersed in oil bath connected to the four driving axles	
Speeds: - Working	10.0 km/h 6.5 mph
- Travel	16.0 km/h 10.0 mph
Sealed wet-disc parking brakes with automatic engagement when operator restraint bar is raised	



HYDRAULIC SYSTEM

Type	Komatsu Closed Load Sensing System (CLSS)
Pump	Gear
Max. flow - auxiliary hydraulic	.80.0 ltr./min 21.0 gal/min
Max. pressure - auxiliary hydraulic	.210 bar 3,045 psi
Control valve	.3 elements fully Servo-controlled
High flow auxiliary hydraulic system "SUPER FLOW" (OPTIONAL):	
Max. flow	.130 ltr./min 34 gal/min
Max. pressure	.210 bar 3,045 psi
Control valve	.4 elements



LOADER

Operating load without rear counterweights	.1205 kg 2,650 lb.
Operating load with counterweights	.1295 kg 2,850 lb.
Tipping load without counterweights (ISO 8313)	.2410 kg 5,300 lb.
Bucket breakout force (ISO 8313) with short lip bucket	2450 kg 5,400 lb.
Bucket breakout force (ISO 8313) with long lip bucket	2150 kg 4,740 lb.



STANDARD EQUIPMENT

- Accelerator pedal
- Adjustable seat with 76 mm **3"** wide seat belt
- Automatic Power Control system (anti-stall)
- Auxiliary hydraulics
- Backup alarm
- Bucket self-leveling (up only)
- Bucket holder
- Central Monitor Panel including hour meter, fuel level indicator, engine coolant temperature gauge. Warning lights: alternator, engine oil pressure, air filter restriction, hydraulic oil filter restriction, working lights, parking brakes, travel speed, float function and engine preheat
- Halogen working lights (2 front)
- Horn
- Loader arm float function
- Operator restraint bar with sensor for parking brakes & hydraulic system lock-out
- Audible alarm for low engine oil pressure or high coolant temperature
- Rear window
- ROPS-FOPS (Level 1) open canopy
- Top window
- Two-speed transmission
- Universal front attachment coupler
- Wet-disc parking brakes



OPTIONAL EQUIPMENT

- Air conditioning
- Auxiliary hydraulics over-ride control
- Bucket cylinder guards
- Cab enclosure with heater and defroster
- Control pattern change valve
- Cold weather starting package
- Engine air intake pre-cleaner
- FOPS (Level 2)
- Lifting hooks on cab roof
- Master electrical disconnect switch
- Rear counterweights (set of 6) **126 kg 278 lb**
- Ride control
- Spark arresting muffler
- SUPERFLOW auxiliary hydraulics version, with additional auxiliary hydraulic circuit for attachments
- Suspension seat
- Working lights (2 rear)
- Amber rotating beacon
- 12 volt electrical outlet



CONTROLS

Proportional Pressure Control (PPC) joystick levers. The left hand joystick controls the travel, the right joystick controls the loader equipment.

The PPC foot pedal controls the auxiliary hydraulic circuit for attachments. Control levers are inoperative when the operator restraint bar is raised or the operator is not seated.

Control pattern change valve is optional equipment. The optional control pattern splits the travel and the loader controls between both joystick levers.



ELECTRIC SYSTEM

Rated voltage	.12 V
Battery	.100 Ah
Alternator	.40 A



NOISE LEVEL

(Dynamic test)

Sound power level test .104 LwA dB(A)

Sound pressure level .86 LpA dB(A)

The values inside and outside the cab are given according to the directive EC89/514 and EC95/27.



SERVICE REFILL CAPACITIES

Hydraulic system	.50.0 ltr. 13.0 US gal.
Fuel tank	.73.0 ltr. 19.0 US gal.
Chain cases	.32.0 ltr. 8.3 US gal.
Engine oil	.12.5 ltr. 3.2 US gal.
Engine coolant	.8.0 ltr. 2.0 US gal.



TIRES

Standard .12-16.5 10PR heavy duty flotation tires

Optional .12-16.5 (Airboss) segmented solid tires

33 x 15.5-16.5 10PR super wide flotation tires

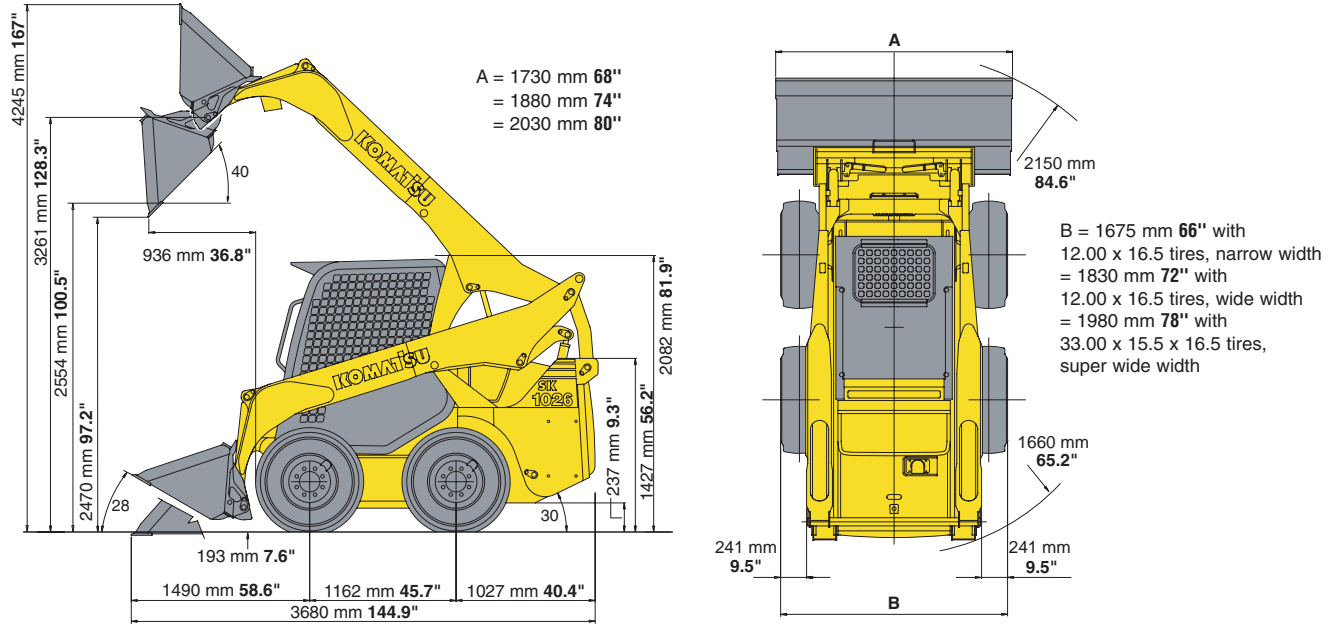


OPERATING WEIGHT

Operating weight of machine with standard bucket, full tank of fuel and an 80 kg **176 lb** operator (ISO 6016) 3660 kg **8,068 lb.**



DIMENSIONS



Dimensions are shown using a long-lip loader bucket.

Bucket		Base Machine		Base Machine with 126 kg 278 lb.		Base Machine with 126 kg 278 lb.	
		with 1880 mm 74" Long Lip Bucket		Counterweights & 1880 mm 74" Long Lip Bucket		Counterweights & 1219 mm 48" Pallet Forks	
Bucket capacity	SAE rated	0.47 m ³	0.61 yd³	0.47 m ³	0.61 yd³	N/A	N/A
Bucket width		1880 mm	74"	1880 mm	74"	N/A	N/A
Bucket weight							
(1219 mm 48" Pallet fork weight)		211 kg	465 lb	211 kg	465 lb	171 kg	378 lb
Static tipping load		2410 kg	5,300 lb	2591 kg	5,700 lb	1647 kg	3,630 lb
Operating capacity - 50% of tipping load		1205 kg	2,650 lb	1295 kg	2,850 lb	823 kg	1,815 lb
Dump clearance, maximum height and 40° dump angle		2554 mm	100.5"	2554 mm	100.5"	N/A	N/A
Height to bucket hinge pin		3261 mm	128.3"	3261 mm	128.3"	3261 mm	128.3"
Reach at maximum height and 40° dump angle		936 mm	36.8"	936 mm	36.8"	N/A	N/A
Operating height	Fully raised	4245 mm	167"	4245 mm	167"	N/A	N/A
Clearance circle-front		2149 mm	84.6"	2149 mm	84.6"	N/A	N/A
Clearance circle-rear		1655 mm	65.2"	1655 mm	65.2"	1655 mm	65.2"
Operating weight		3660 kg	8,068 lb	3790 kg	8,355 lb	3750 kg	8,268 lb

• All dimensions, weights, and performance values based on SAE J732c and J742b standards. Static tipping load and operating weight shown include 12.00 x 16.5 10PR tires, lubricant, coolant, full fuel tank, ROPS canopy, and operator. Machine stability and operating weight are affected by counterweight, tire size, and other attachments.

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

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