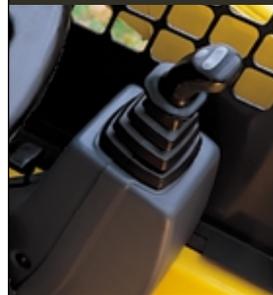


# KOMATSU

*Utility*

SK  
05J-2



SK05J-2

SK05J-2

SKID STEER LOADER

**NET POWER**  
SAE J1349  
23 kW - 30,8 HP

**OPERATING WEIGHT**  
1.760 kg

**OPERATING CAPACITY**  
434 kg

## PERFORMANCE IN COMPLETE SAFETY

When manoeuvrability and controllability are determining factors, the SK05J-2 is the perfect machine. The extraordinary capacity of moving in restricted spaces, combined with stability when lifting, means maximum savings in time and money. Thanks to the power of the engine and the hydraulics, and the distribution of weights, the machine responds efficiently whenever greater performance is required, guaranteeing the operator excellent results in complete safety.

### Hydraulic Servocontrols

The servocontrols fitted on the machine mean ease of operation, speed, naturalness of movements and incomparable productivity. Qualities that make the SK05J-2 unequalled in its class.

### Engine

The KOMATSU engine guarantees high power and low consumption, and above all low exhaust emissions, low noise, reduced vibrations, excellent reliability and efficiency. Additional features are: compactness and easy access for all routine maintenance.

### Hydraulic System

The closed-circuit hydraulic system guarantees progressiveness, precision and smoothness, in all movements.





### Safety

The SK05J-2 ensures excellent visibility in all directions: the operator is always aware of the position of the machine in the surrounding area, above all when working in restricted spaces.

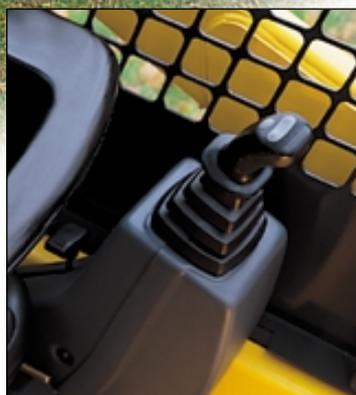
A system of sensors on the safety bars and the seat prevents all movements if unauthorised manoeuvres are attempted.

### Comfort

The ease of operation, ergonomic access and room inside the cab ensure maximum operating comfort and maximum visibility.

### Instrumentation

The dashboard is mounted in a clearly visible position, allowing the operator to constantly check all the main functions of the machine.



### Maintenance

Routine maintenance and checks can be performed by simply opening the rear door. For special service operations, the tilting cab offers complete access to the transmission and the main components in the hydraulic system.



### Versatility

The characteristics of the machine permit the use of a vast range of accessories, for various different sectors. Everyday use on the farm, the building site, in industrial environments or ports, the KOMATSU skid steer loader replaces manual labour with incomparable versatility.



### BACKHOE E26

#### TECHNICAL SPECIFICATIONS

Mass (ISO 6016) .....500 kg  
 Breakout force (ISO 6015) .....1.950 daN (1.990 kg)  
 Total rotation .....180°

#### FITTING BUCKETS

WIDTH mm	CAPACITY m <sup>3</sup> (ISO 7451)
300	0,027
400	0,038
500	0,049
*600	0,052*

\* FOR LIGHT MATERIAL (max. 1,5 t/m<sup>3</sup>)

## SPECIFICATIONS



### ENGINE

Make .....Komatsu 3D84E-1FC low emission  
 Displacement .....1.429 cm<sup>3</sup>  
 Number of cylinders .....3  
 Max power.....26,8 kW (36 HP)  
 Rated power:  
 (SAE J 1349).....23 kW (30,8 HP) a 2.800 rpm  
 (DIN 6271).....23,4 kW (31,5 PS) a 2.800 rpm  
 (80/1269/EC).....23 kW (30,8 HP) a 2.800 rpm  
 Max torque (80/1269/EC).....98 Nm a 1.800 rpm  
 Cooling .....water



### OPERATIONAL MASS

Operational mass with standard bucket,  
 fully serviced + 80 kg operator (ISO 6016).....1.760 kg



### HYDRAULIC SYSTEM

Pump .....gear  
 Max flow .....32 /min  
 Control valve ..... 3 elements  
 fully servo-controlled  
 Max pressure .....14,0 MPa (140 bar)  
 Oil cooler



### ELECTRIC SYSTEM

Rated voltage .....12 V  
 Battery .....80 Ah  
 Alternator .....40 A



### CONTROLS

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



### TRANSMISSION

Type.....hydrostatic  
 Final transmission with "Heavy Duty" type roller chains immersed in oil bath are always connected with the four driving wheels  
 Max working and travel speed .....9,2 km/h  
 Oil immersed multiple discs with negative control.



### TYRES

Standard .....27 - 8.50 x 15  
 Optional .....27 - 8.50 x 15 (Airboss)



### REFILLS

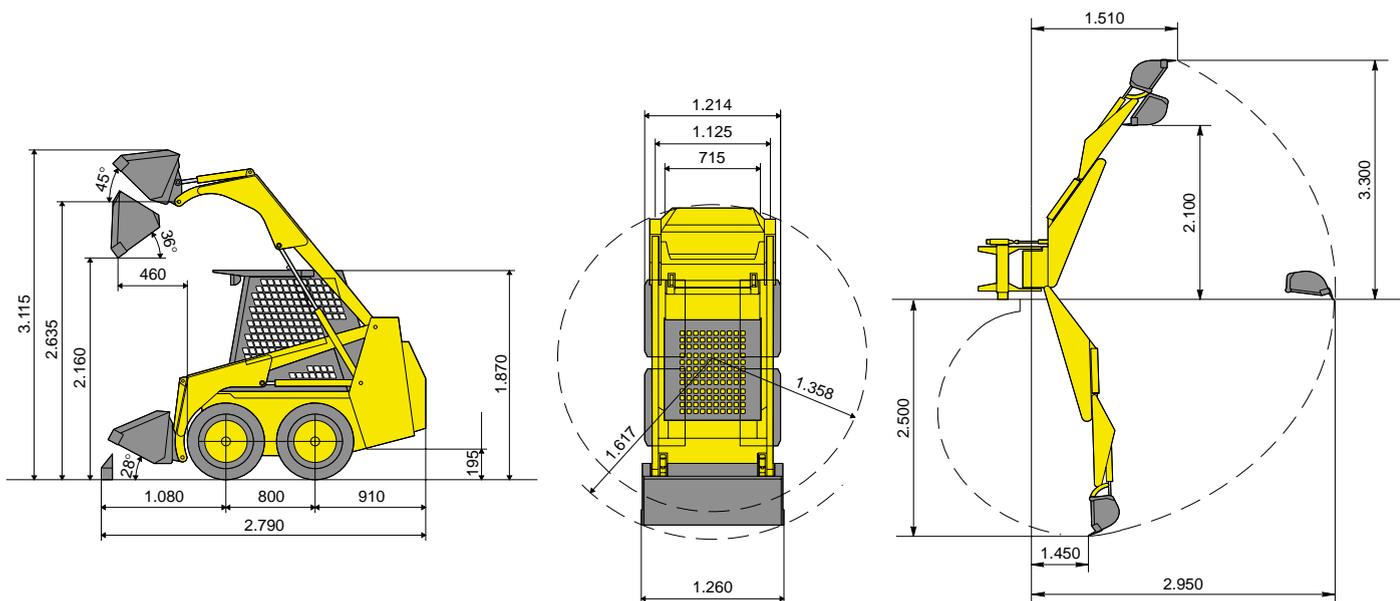
Hydraulic oil .....15 /  
 Fuel tank.....48 /  
 Transmission (carter)..... 8 + 8 /  
 Engine oil..... 7,5 /



### LOADER

Operating load (ISO 5998) .....425 daN (434 kg)  
 Tipping load (ISO 8313) .....835 daN (850 kg)  
 Standard bucket capacity (ISO 7546).....0,22 m<sup>3</sup>  
 Bucket breakout force (ISO 8313).....1.241 daN (1.264 kg)  
 Lifting capacity at max height  
 (ISO 8313).....811 daN (827 kg)  
 Operating load with pallet forks.....379 daN (386 kg)  
 Max lifting height with forks..... 2.475 mm  
 Max reach with forks .....1.735 mm

## DIMENSIONS



# SK05J-2 SKID STEER LOADER

## STANDARD EQUIPMENT

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>• ROPS/FOPS tilting cab</li> <li>• Adjustable seat with safety belt</li> <li>• Safety bar and "operator-on-board" sensor</li> <li>• Instrument panel including:                             <ul style="list-style-type: none"> <li>- hour meter</li> <li>- generator pilot light</li> <li>- oil level</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>- fuel level indicator</li> <li>- air filter clogging warning light</li> <li>- hydraulic oil filter clogging warning light</li> <li>- engine water thermometer</li> <li>- safety device lights</li> <li>• Hydraulic kit (3rd element)</li> <li>• Standard tyres 27 - 8.50 x 12</li> </ul> | <ul style="list-style-type: none"> <li>• 1.260 mm bucket without teeth</li> <li>• Parking brakes</li> <li>• Horn</li> <li>• Pedal accelerator</li> <li>• Quick hitch for attachments KOMATSU type</li> </ul> |
|---|--|--|

## OPTIONAL EQUIPMENT

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>• Rotating beacon</li> <li>• <i>Airboss</i> tyre 27 - 8.50 x 15</li> <li>• Road homologation</li> <li>• 2 rear and 1 front working lights</li> <li>• Lifting hooks</li> <li>• De-Luxe suspension seat</li> <li>• Side windows</li> <li>• Cab closed by side windows, door (with windshield wipers) and heat</li> <li>• FOPS 2 cab</li> </ul> | <ul style="list-style-type: none"> <li>• Bucket self-levelling</li> <li>• Safety valve on loader</li> <li>• Bucket teeth</li> <li>• Catalytic muffler</li> <li>• Biodegradable oil</li> <li>• Attachments:                             <ul style="list-style-type: none"> <li>- large capacity bucket from 1.400 mm</li> <li>- 4x1 bucket</li> <li>- pallet forks</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>- excavator</li> <li>- hydraulic hammer</li> </ul> |
|---|--|---|

# KOMATSU

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COMPANY WITH  
 ENVIRONMENTAL MANAGEMENT  
 SYSTEM CERTIFIED BY DNV  
**ISO 14001**