

Engine	63 KW / 85 BHP
Pump Output	90,135 LIT / MIN
Bas débit, Haut débit	
Maximum Torque	296 NM
Loading Capacity	1230 Kg
Working Weight	3.7 T



SP MC-40

The result of the production capacity and technical knowledge of the Snow Pars Company

From the beginning, Snow Pars has focused on providing effective solutions for customers. Having a reputation and a long history and relying on innovation, Snow Pars has always been committed to providing the necessary equipment and services to customers.

With a small but efficient **SP MC-40** mini loader, Snow Pars satisfies the needs of building, road, mining, agricultural, animal husbandry and urban farming project industries with higher performance and very affordable.

When you buy a device or even a piece of Snow Pars devices, the whole organization supports you and your business.

When you need support, whether it's financing, parts or services, Snow Pars will be with you.

SP MC-40 MINI LOADER

Working Environment

- Forest areas
- Garbage recycling
- Urban systems
- Limited spaces requiring high maneuverability

Power and Efficiency

Low Cost, High Yield

- It is a compact, powerful and versatile device.
 - It turns by sliding or sliding the wheels.
 - It fits easily into small spaces.
 - The small size of the device allows 360-degree rotation on the axes and it can circumnavigate or rotate in a compact radius.
 - It is effective in compressing, leveling, loading and pouring limited masses of material.
 - It is possible to install many tools on the skid steer loader, which has transformed this device into a complete machine for open spaces and workshops.
- It is easy to use, but the operator must be aware of the
- correct use of the device as well as its limitations.

The **SP MC-40** provides customers with a small but reliable and solid device, even in difficult conditions and during high working hours.

- Ability to maneuver in difficult conditions
- Powerful lifting capacity
- Efficient high-flow hydraulics
- Beautiful, comfortable and ergonomic cabin FOPS & ROPS
- UNIVERSAL quick coupling
- Ability to install tools with different applications



SP MC-40

MINI LOADER



Small All-Rounder

The **SP MC-40** is designed and built in such a way that in addition to having a more powerful engine, it has small dimensions. In addition, four-wheel power transfer, machine and loader movement control with a joystick system and a beautiful body design made this machine suitable and unique in projects.

This device is made of a powerful hydraulic movement system for various applications, so that by installing various peripheral devices, such as snow blowers, snow plows, brushes, has maneuvers on urban roads, and also with the high power of its diesel engine, it provides the ideal power for peripheral devices.

The engine system of the machine for the four wheels as well as all the accessories is hydraulic, which gave the device great flexibility for different applications. Some of the attachments are: snow blower, snow plow, salt sprayer, concrete pump, rake, sweeping brush, groover and hole punch.

The design of the device being beautiful, has endurance and features to increase visibility, easy installation and replacement. The body of the device is designed for narrow and small places.

Small But Precious

SP MC-40



Operator Cabin

The **SP MC-40** has a spacious and ergonomic cabin with a beautiful interior design and maximum use of space, as well as the adjustable and comfortable features, that customers have come to expect from Snow Pars.

- The ROPS/FOPS standard
- Adjustable seats and supports increase operator safety and comfort.
- Cab design gave an excellent view of the edge of the bucket.
- The design of the rear structure improves visibility behind the device.
- Wide windows and lift arm design provide an excellent field of vision to the side areas.
- Simple and quick controls make it easier to work with the device.
- The cabin is equipped with an A/C air conditioning system, which provides the operator with a comfortable working environment.
- The air valves are installed at the optimum places in the cabin so that the operator can work more easily.

Controls

The available controls of the **SP MC-40** are designed with the capability of direct and fast operation, and are considered to be the best options for the operator.

- It has ergonomic control levers fixed to the seat which control the movement of the machine and the operation of the loader.
- These control levers provide the operator with comfortable control with minimal effort and reduce fatigue.
- The on-board panel is installed in the most optimal location to maximize operator productivity.
- Whenever the operator lifts the front seat restraint bar, leaving the seat or pressing the electric parking brake button, the hydraulic hammer starts working.

SP MC-40

Engine

The heart of the **SP MC-40** is equipped with an advanced KOBUTA engine. This engine is turbo-charged which conforms to EURO III-A emission and exhaust standard. This extraordinary motor produces 85 horsepower and with a fast cycle time; It provides the power to tackle any challenge with ease.

Hydraulic System

It has a simple and reliable high efficiency gear pump that sends hydraulic oil to the hydraulic circuits at a flow rate of 91 liters per minute. The high efficiency of the oil cooler allows the **SP MC-40** to work harder and longer in high temperature environments.

High Flow System

The high-flow hydraulic system is installed as one of the standard equipment of the **SP MC-40**, which increases the efficiency of the machine. This system provides the power to install all kinds of accessories and tools.

Power Transfer

The variable displacement piston pump is started by the engine and distributes oil to the hydraulic motors. Hydraulic motors transmit mechanical power to both sides of the device through strong chains.

Chassis

The **SP MC-40** chassis includes side panels, rear columns, floor, front panel and cross beams. It is an all-welded structure using high-strength steel. The choice of shape and thickness of the chassis components during the design is determined by calculation and using modern scientific methods.



Safety

FOPS/ROPS (Falling Object Protection, Rollover Protection)

Seatbelt

Retaining rod

Latch and lift boom brackets

Seat lock



Toolbox for Every Project Accessory Tool System

A complete series of tools and accessory parts are specially designed to meet the needs of operators in all projects and applications and can make the **SP MC-40** the most versatile device in projects. Practical tools are listed below. You can:

- Increase the capabilities of your device.
- Increase the productivity of your device.
- Turn your car into a powerhouse.
- Do more work.



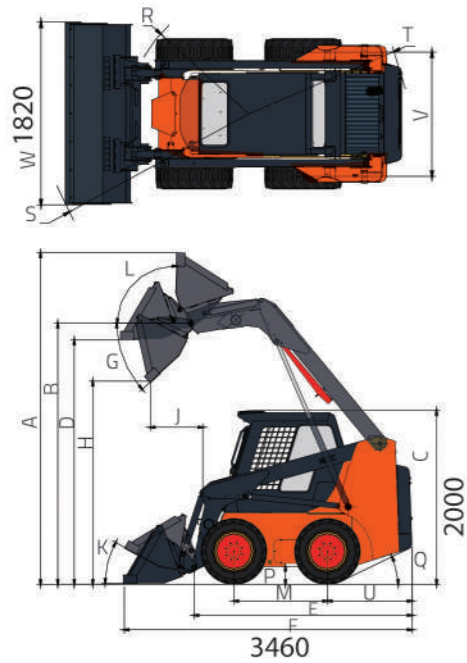
Lift Arm Boom

The **SP MC-40** consists of a heavy duty, highly functional and durable lifting jib.

- It has large diameter axial pins which created high strength and hardness.
- Boom profile design and selection provide the operator with a more optimal side view.
- Vertical lifting path provides better performance at loading height.
- The lift is designed to reach the full height of the lift for jobs requiring loading and stacking at a higher height.
- It is possible to lift the load from the nearest distance to the device.

Easy Service with Minimal Downtime

- Excellent service access along with quality parts make this a durable machine with easy maintenance.
- Large engine door opens fully to reveal engine components and service and maintenance points.
- Movement chains and axial bearings are pressed which do not require maintenance.
- All rotating pins have grease points for easy maintenance.
- It has been provided some easy possibilities such as oil change and filter replacement.



Working dimensions

A	Maximum operating height	3880
B	Maximum loading height (center of pin) (mm)	3060
C	Cabin height (mm)	2000
D	Maximum loading height (mm)	2870
E	Length without equipment (mm)	2530
F	Length with standard bucket (mm)	3460
H	Maximum unloading height (mm)	2440
J	Maximum discharge distance (mm)	610
M	Distance between axes (mm)	1080
p	Minimum ground distance (mm)	180
R	Front turning radius without attachments (mm)	1180
S	Front turning radius (mm)	2050
T	Tail turning radius (mm)	1580
U	Seat length (mm)	980
V	Total width without bucket (mm)	1320
W	Total width (mm)	1820
G	Dump angle at maximum height	40
K	Bending angle of the bucket on the ground	29
L	Bucket bend angle at maximum height	96
Q	seat angle	28



SP MC-40

Power System

Battery	120 amp hours / 12 volts
Alternator	60 amps / 12 volts

Cabin

Tools Panel	Yes
Retaining Rod	Yes
Air Conditioning System	Yes
Sound System	Yes
Standard	FOPS & ROPS

Capacities

Engine Oil	9 Liters
Gasoline Tank	91 Liters
Hydraulic Oil Tank	65 Liters
Engine Cooling System	12 Liters

Wheels

Rear Tires	Size 12-16.50
Front Tires	Size 12-16.50

Weight

Net	3700 kg
-----	---------

Engine

Manufacturer Company	KUBOTA
Number of Cylinders	4
Displacement Volume	3.62 Liters
Maximum Engine Speed	2600 rpm
Maximum Power Speed	85 horsepower (63 kW)
Cooling System	Cold Water

Movement System

Hydromotor Type	Radial Piston
Maximum Speed of Hydromotor	210 rpm
Device Speed	11.8 km/h

Hydraulic System

Pump Type	Double axial piston with variable flow
Hydraulic system working pressure	210 Bar
Minimum Output of Hydraulic Pump	91 liters per minute
Maximum Output of Hydraulic Pump (High Flow)	135 liters per minute
Loader hydraulic pressure	190 Bar

Performance

Bucket Capacity	0.54 cubic meters
Authorized loading capacity	1230 kg
Maximum authorized load for machine balance	2460 kg
Loading power	28.06 kg of force
Splitting Force	25.9 kg of force
Maximum Tilt Angle	30 degrees

The Snow Pars reserves the right to modify specifications without notice.

After-Sales Service Network

With an unlimited service network and a fleet equipped with advanced equipment and professional technicians, Snow Pars company is available to valued customers:

- within 24 hours a day
- With on-site service
- Standard services

The after-sales service structure of Snow Pars is committed to fully meeting your needs, including machine start-up, repair and maintenance, helping to improve efficiency and reduce operating costs of your machine.

The after-sales service team knows everything about Snow Pars machines and will quickly provide you with the best solution for your machine.

High Customer Satisfaction

In all of our executive operations, a customer-centric approach has been adopted to ensure customer satisfaction at the highest level and to build customer loyalty by creating value.



Our business is to design, develop, produce and market innovative and quality equipment for the road and urban construction sector; that meets the needs of a wide range of customers.

With technical knowledge and a team spirit that drives us forward, we develop the customers' business which is the heart of the Snow Pars company.

Distinctive in Device Distinctive in Service

Parts Supporting

Forming a separate organizational unit called the spare parts unit, the Snow Pars company focuses on:

- timely supply of parts
- decent price
- Customer Satisfaction

We have in Snow Pars a complete set of genuine parts for all our production machines and available for all budgets. Our goal is to keep our customers' devices running 24 hours a day, 7 days a week, 365 days a year. The Snow Pars Parts Team are ready with just a phone call from you to deliver your requested parts anytime, anywhere to support your business.



hydraulic hammer

Due to the simple hydraulic circuit, it is composed of fewer parts. The use of this device is cost-effective for drilling in rock without seams and cracks with low strength or rock with high compressive strength and severe seams, and it is widely used for digging mineral and non-mineral tunnels. Hydraulic breakers have the power and impact to penetrate tough materials.



Earth Auger

It is a device that pierces all possible surfaces in the most difficult conditions with high current and high torque speed.



Log Grab

It is a type of equipment that can be installed and is very agile in loading and unloading operations. This type of equipment is equipped with a fixed hook or a hydraulic swivel.



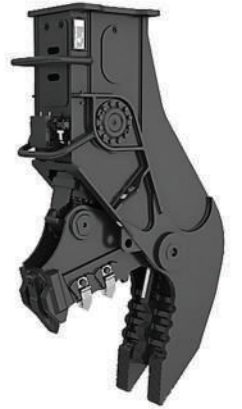
V-shape – Tapered fluke buckets Staves Buckets

They are equipment that are used to clean ditches, drainage channels, ponds and lakes, etc. No nails are installed on this type of bucket so that it can be removed from the bottom surface, smooth and even.



Hydraulic Shear Crusher

are equipment that crushes concrete between a fixed and moving jaw to reduce particle size and separate iron from concrete structures.



Quick Coupler

(Quick Hitch or Quick Changer) is an automatic hydraulic tool that allows easy installation or removal of equipment connected to the machine such as bucket, hydraulic hammer, etc.



Rippers

There is equipment that are used to loosen hard and rocky soils for drilling operations. This type of ripper quickly cuts through rock and ice, making it easier to dig into hard surfaces.





سنيو پارس
SNOW PARS
One Step Ahead...



Head Office and Sales Headquarters :

No. 477, next to Sharif University of Technology, Azadi Street, Tehran

Phone: 021-66013931

Fax: 021-66046730

Postal Code: 1458889616

Factory :

Yazd, Taft, Quds Industrial City, Ave. Kar-o-Danesh 8

Phone: 035-32634030-3131

Fax: 035-32633119

Postal Code: 8991789878

www.snowpars.com



SP MC-40 MINI
LOADER