

TCM



SKID STEER LOADER

703 / 704 / 705 / 706 / 707 / 709 / 711

SSL
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The TCM Skid Steer Loaders (SSL)

Designed and built to meet customer needs and tough material handling requirements, thus enjoying the top marketshare of skid steer loaders in Japan.

*Ecology
& Activity*

*Safety
& Comfort*



703/704

Bucket capacity	Rated capacity
0.14m ³ (703)	270kg (703)
0.17m ³ (704)	320kg (704)



705/706

Bucket capacity	Rated capacity
0.22m ³ (705)	430kg (705)
0.28m ³ (706)	500kg (706)



707/709

Bucket capacity	Rated capacity
0.31m ³ (707)	580kg (707)
0.35m ³ (709)	690kg (709)



711

Bucket capacity	Rated capacity
0.40m ³	840kg

OPTION COLOR



OPTION COLOR : WHITE



Excellent Maneuverability



Activity



Hydraulic Bucket-Leveling Mechanism

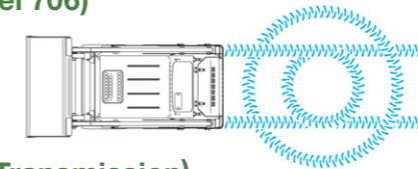
The bucket can always be leveled during raising for efficient loading with less load spill. While raising the bucket, no pedal control is required for simple, easy operation.



Top-Class Dumping Reach and Clearance

Ideal matching of dumping reach and clearance helps ease load handling for higher job efficiency. The new R-shaped bucket enhances smooth load discharge. The increased bucket roll-back angle minimizes load falling.

Min. Turning Radius, Front with Std Bucket: 2090mm (Model 706)



HST System (Hydro-Static Transmission)

The dual-pump, dual-motor HST system brings excellent maneuverability, pivot turn, agile movements, and plenty of traction force even on slippery ground. The big-power clean engine gives the machine extra power and speed, and enhances environment friendliness.

Big Loading Capacity

The machine features compact, sleek body, and the biggest loading capacity in its class. This means the machine provides high job efficiency in a variety of applications, including gardening, firming, stock-breeding, snow plowing, and civil engineering work.

Model	Rated capacity(kg)
703	270
704	320
705	430
706	500
707	580
709	690
711	840

Model	Ⓐ Dumping clearance(mm)	Ⓑ Dumping reach(mm)
703	1815	470
704	2130	480
705	2200	610
706	2400	680
707	2400	680
709	2400	680
711	2400	680

Increased Travel Speed and Drawbar-Pull

Travel speed and drawbar-pull can be continuously controlled with the HST system and steering lever according to job needs for efficient use of engine horsepower.

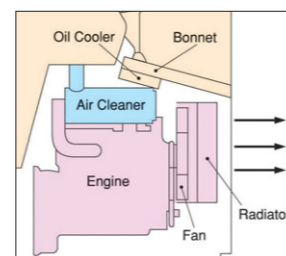
Model	Maximum speed(km/h)	Maximum traction force(k/N)
703	9.0	9.8
704	9.0	10.8
705	11.5	15.7
706	11.5	17.7
707	12.0	22.5
709	12.0	24.5
711	10.0	29.4

Ecology



Efficient Cooling System

The oil cooler is arranged before the radiator fan for efficient cooling and noise reduction.



Low Noise Design

Low noise operation is achieved with an array of noise suppression measures:

- Sound-absorbing mat
- Engine rubber-mount
- Efficient cooling system
- Large-capacity muffler
- Boxed-in engine pumps and valves

Powerful Clean Engine

The new engine, complying with the worldwide 2nd emission controls, delivers more power with less emissions. The fuel combustion system is further improved to reduce emissions.

Model	Type	Displacement (cc)	Rated Output (kw/rpm)
703	D782	778	11.5/2800
704			
705	V1505	1498	20.1/2400
706			
707	V2403	2434	33.5/2400
709			
711	V3300	3318	47.8/2500

TCM Quick Carrier

The quick carrier allows replacement of the attachment by lever control. The lever linkage section prevents the foreign particles such as mud and sand, when the lever is locked.



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Assured Safety



Safety



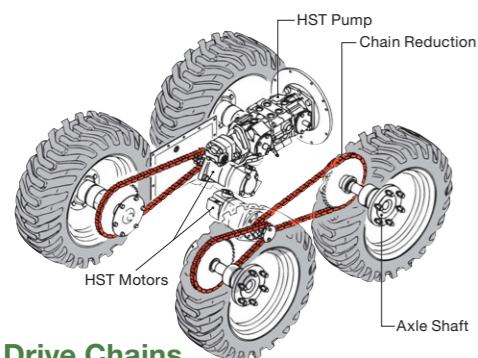
Safety Lever and Loading Pedal

The bucket, boom, and attachment can be locked with the safety lever. The safety lever is interlocked with the loading pedal. Even when the safety lever is released, the loading pedal is locked. The safety lever is opened sideward to left or right for easy operation.



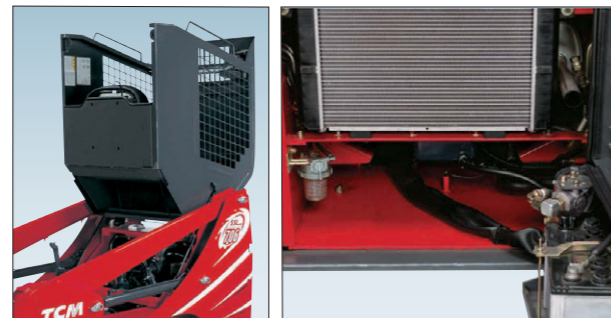
Lights for Safer Operation

Headlights (Halogen type) and turn signal lights on both sides are provided standard for safe operation even in the rain. On the mid-sized models (705 and larger), the brake light is provided as a combination light.



Rugged Drive Chains

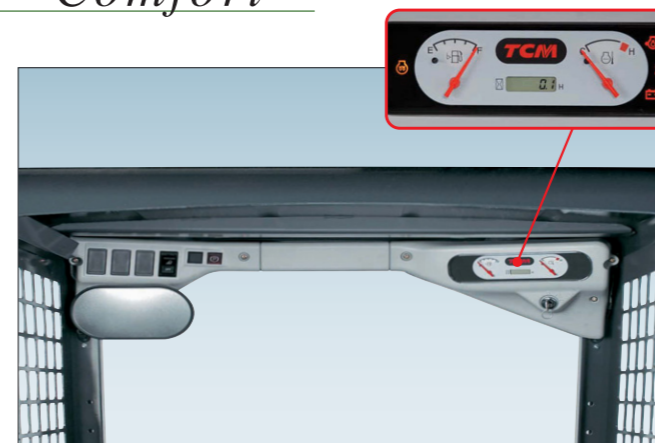
The heavy-duty drive chains in two short loops on each side are rugged enough for long service life in tough operations.



Easier Inspection and Maintenance

The cabin and one-touch tailgate hood can be opened for quick inspection and maintenance of the engine, hydraulics, etc.

Comfort



Easy-to-Read Instrument Panel

Instrument panel, controls and meters are ergonomically arranged for easy operation. Meters and switches are grouped in front of the operator for easy control.



Transparent Screen

The transparent acrylic screen is provided standard at the cabin top for better upward visibility even in the rain. The screen is easily detachable.



Easily Accessible Roomy Cabin

The instrument panel, meters and controls are functionally arranged to give wider operator space for comfortable operation. On large-sized models, the entry is widened and the step is lowered for easy access to the seat.



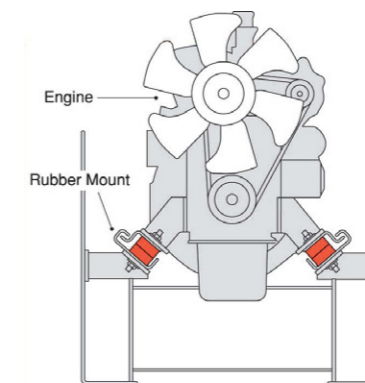
Travel Levers and Armrests

Travel levers are fitted with soft-touch resin grips for pleasant handling. Armrests reduce operator fatigue in long, continuous operation. The turn signal, and horn switches are mounted on the top of the left and right levers, respectively.



Durable, Comfortable Operator Seat

The operator seat is monolithically formed, using high-quality, water-resistant material. The seat is designed for seating comfort and durability. On the mid-sized model (705 and larger), the deluxe wider operator seat is provided along with side support, seat belt and pocket.



Big Power with Less Vibration

A four-point rubber mount system reduces vibrations.



Fuel Port Lid

The fuel port is located below the side panel for easy refueling. The fuel port is fitted with a lid for sealing.

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TCM retains the right to change these products and specifications without incurring any obligation relating to such changes.
These products and specifications are subject to change without notice.
Photos and illustrations may or may not include optional equipment and accessories.
Features and specifications may vary depending on markets.



ISO 9001 Certification
(TCM Shiga Plant)



ISO 14001 Certification
(TCM Shiga Plant)

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