



# ***SKID STEER LOADER***

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

**SSL**  
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## 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 <sup>3</sup> (703)	270kg (703)
0.17m <sup>3</sup> (704)	320kg (704)

**705/706**

Bucket capacity	Rated capacity
0.22m <sup>3</sup> (705)	430kg (705)
0.28m <sup>3</sup> (706)	500kg (706)

**707/709**

Bucket capacity	Rated capacity
0.31m <sup>3</sup> (707)	580kg (707)
0.35m <sup>3</sup> (709)	690kg (709)

**711**

Bucket capacity	Rated capacity
0.40m <sup>3</sup>	840kg

# Excellent Maneuverability



## Activity



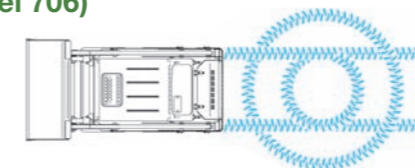
### Hydraulic Bucket-Leveling Mechanism

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

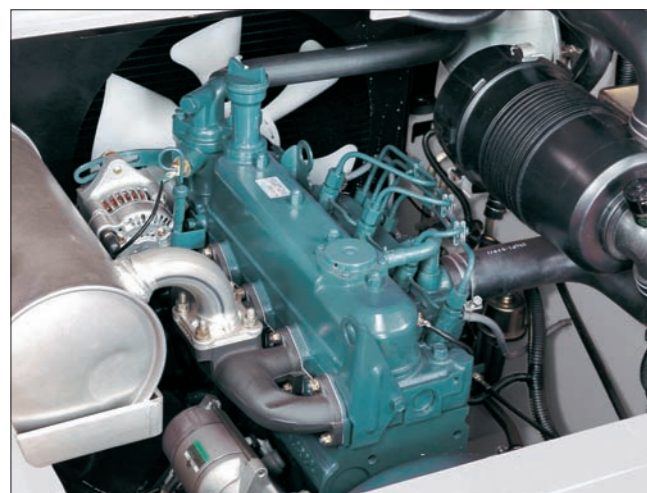
Model	Ⓐ Dumping clearance(mm)	Ⓑ Dumping reach(mm)
703	1815	470
704		
705	2130	480
706		
707	2200	610
709		
711	2400	680

### 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.

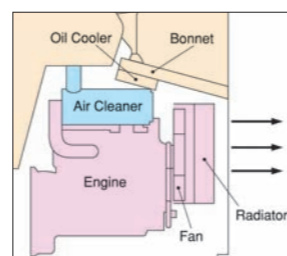
Model	Maximum speed(km/h)	Maximum traction force(k/N)
703	9.0	9.8
704	9.0	10.8
705	11.5	15.7
706	11.5	17.7
707	12.0	22.5
709	12.0	24.5
711	10.0	29.4

## 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 engines complying with the 2nd stage emission controls deliver 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

### Quick Carrier

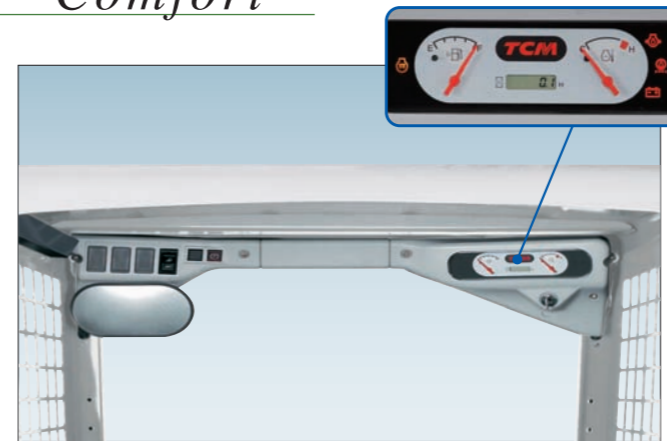
The quick carrier allows replacement of the attachment by lever control. The lever linkage section prevents the foreign particles such as mud and sand, when the lever is locked.



# Assured Safety



## 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 as 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.

## Safety



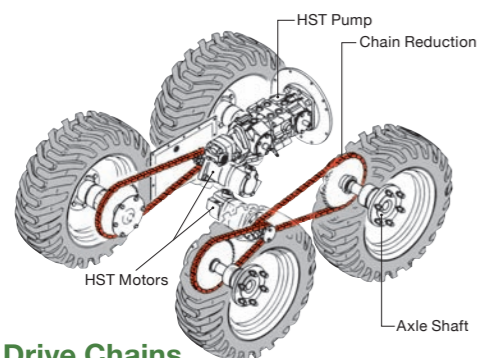
### Safety Lever and Loading Pedal

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.



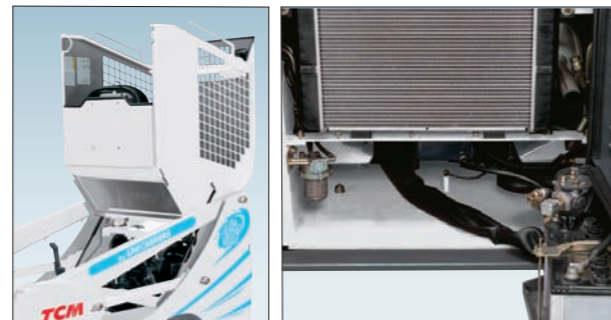
### Lights for Safer Operation

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.



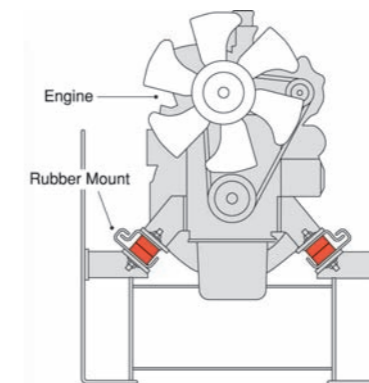
### Easier Inspection and Maintenance

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



### 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.



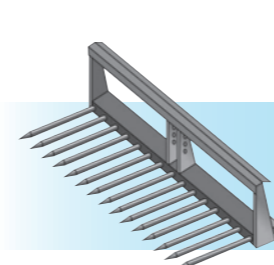
These photos are the examples of the application of attachments in Japan. Some of the trucks are with special arrangements.



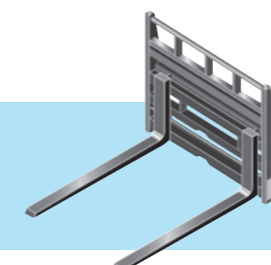
## Various Attachments for Diversified Applications

Various attachments of Skid Steer Loaders are available for diversified purposes including material handling, stacking and digging in agricultural scenes, snow removing and civil engineering. These attachments have increased the values of Skid Steer Loaders in the industries, with utilized applications.

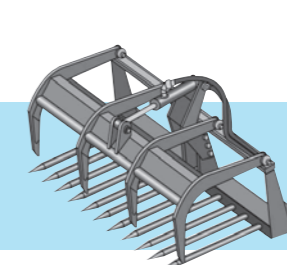
### Attachment



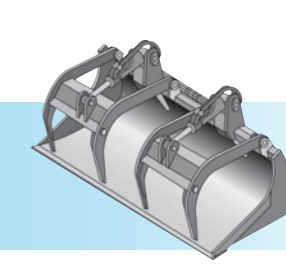
For Farming  
Utility Forks



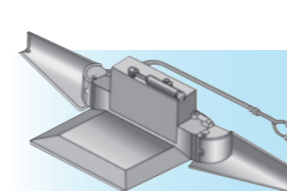
For Farming  
Pallet Forks



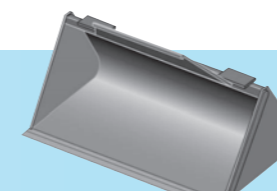
For Farming  
Fork Grapple



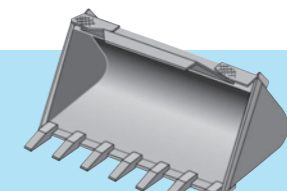
For Industrial Waste, Paper  
Bucket Grapple



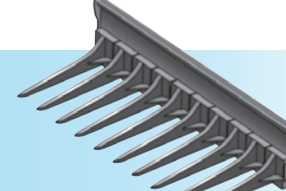
For Industrial Waste, Paper  
Wing Bucket



For Snow Removing  
Light Bucket



For Stacking  
Toothed Dirt Bucket



For Farming  
Digging Forks



# **SSL**

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- 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.
- Produced in ISO certified factory.