

909LK Measurement

Model No.	Size	Proper fitting height mm	DOWN height H1 mm	UP height H2 mm	Stroke Smm	Top plate size A×B mm	Fitting pitch X×Y mm	Arm pedal length Lmm	Gap from top plate hmm	Bolt hole dia. mm	Weight g	Maximum load Kg
909LK-42S	100	132	137	112	25	70×100	50×80	127	1	8.5	770	—
909LK-42S	125	168	173	148	25	100×100	80×80	127	29	8.5	810	—
909LK-42S	150	190	195	170	25	100×100	80×80	127	29	8.5	850	—
909LK-P0S	130	177	182	157	25	100×100	80×80	127	29	8.5	840	—

- The load is designed to bear with casters.
- The proper mounting height of the 909LK-42S is the same as that of the 420S-100mm to 150mm, so it fits without adjusting.
- The proper mounting height of the 909LK-P0S is the same as that of the 400P0S-130mm, so it fits without adjusting.

List of Products



Viewable  
JP / EN / CN

900 Measurement

Model No.	Size	Proper fitting height mm	DOWN height H1 mm	UP height H2 mm	Stroke Smm	Top plate size A×B mm	Fitting pitch mm	Arm pedal length Lmm	Gap from top plate hmm	Bolt hole dia. mm	Weight Kg	Maximum load Kg
900-2	100	142	150	125	25	120×120	85×85 100×100	138	3	11	1.6	200
900-4	150	202	210	170	40	120×120	85×85 100×100	146	10	11	1.8	300
900-5 ✕	200	240	248	198	50	120×120	85×85 100×100	138	29	11	1.9	350
900-2 SUS	100	142	150	125	25	120×120	85×85 100×100	138	5	11	1.6	200
900-4 SUS	150	202	210	170	40	120×120	85×85 100×100	146	12	11	1.8	300

- Stainless steel type is available for rust-free property.
- ✕ Custom orders with 250mm is available for 900-5 (with Down Height: 258mm, Up Height: 208mm). Please specify "H250".
- ! ) Do not exceed the maximum loading capacity.
- If you want to use urethane base or conductive rubber base, please contact the sales branch below.



■ Spacer  
Thickness 3mm, made of steel plate.



■ Urethane base  
Urethane base is with excellent oil and abrasion resistance that does not leave marking marks on floor surfaces.



■ Conductive rubber base  
Conductive rubber base is ideal for anti-static measures and can be used in clean rooms.

■ Please consult our sale offices below for more details.



● Manufacturing Factory  
Headquarters factory  
4-7-35, Nishi-Iwata, Higashi-Osaka, Osaka 578-0947 Japan  
Hirakata factory  
3-2-1, Shodaidajika, Hirakata, Osaka 573-1132 Japan

HAMMER CASTER SALES

● Hammer Caster Sales Co., Ltd. (as Sales company)  
Tokyo Branch  
6-5-4, Shimbashi, Minato-ku, Tokyo 105-0004 Japan  
Osaka Branch  
1-2-6, Aramoto, Higashi-Osaka, Osaka 577-0023 Japan

■ Please feel free to ask for any caster consultancy.  
E-mail : info@hammer-caster.co.jp  
We b : www.hammer-caster.com

■ Click and follow our official SNS accounts.  
f www.facebook.com/hammercasterofficial/

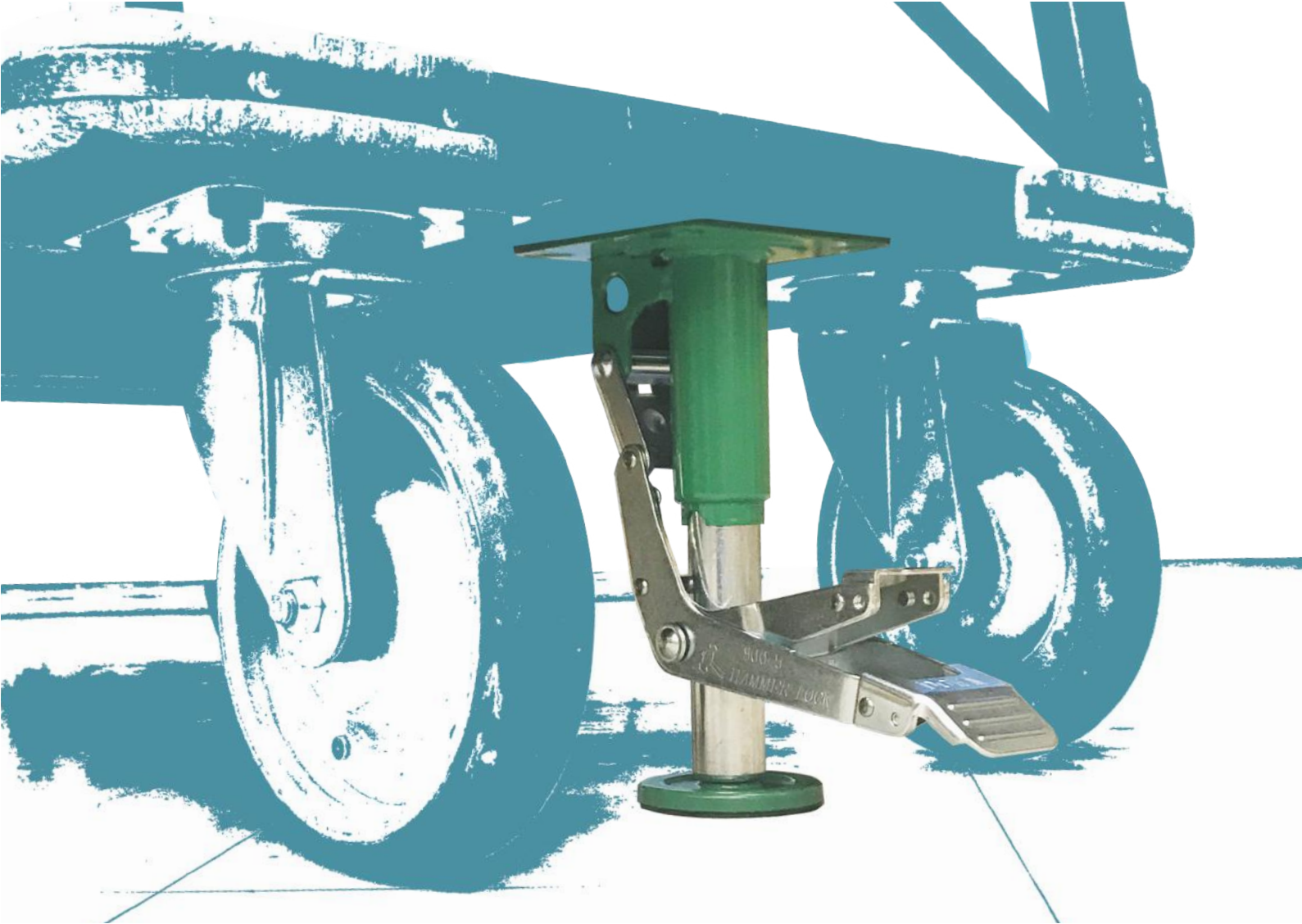
o www.instagram.com/hammer\_caster\_official/

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One step closer to safety.

# HAMMER LOCK



909 HAMMER LOCK



900 HAMMER LOCK



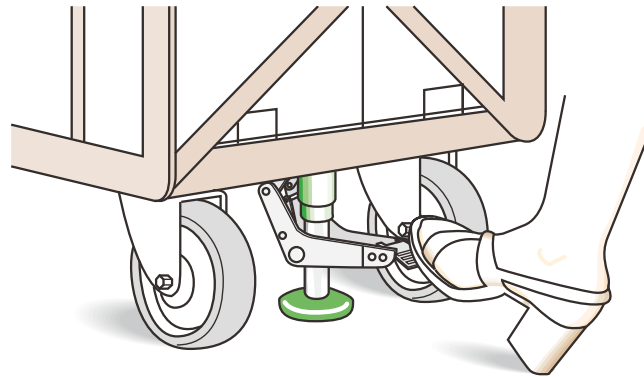
900 HAMMER LOCK  
Stainless Steel Type

# Highly reliable locking mechanism with excellent operability and durability.

# Ideal floor lock for carts and equipment.

## A single step to lock and unlock

Simple operation for everyone's safety.



## Installation

At installation, please set the clearance between the floor and the mounting seat to the proper mounting height.

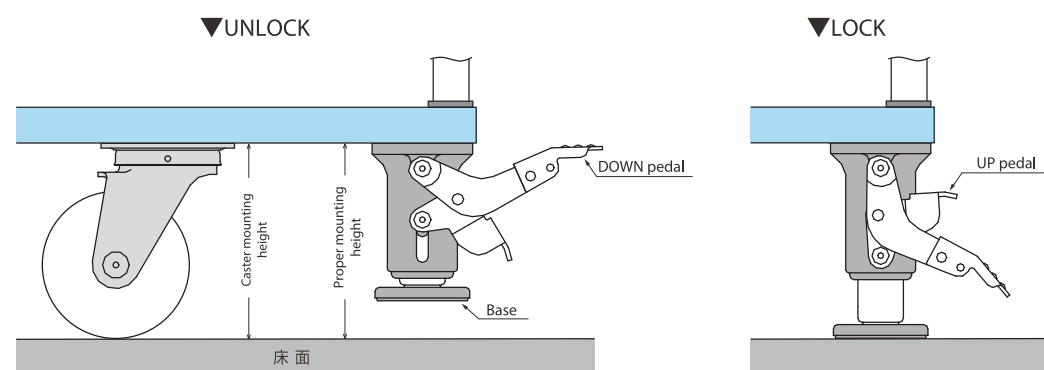
## Operation

### ● LOCK

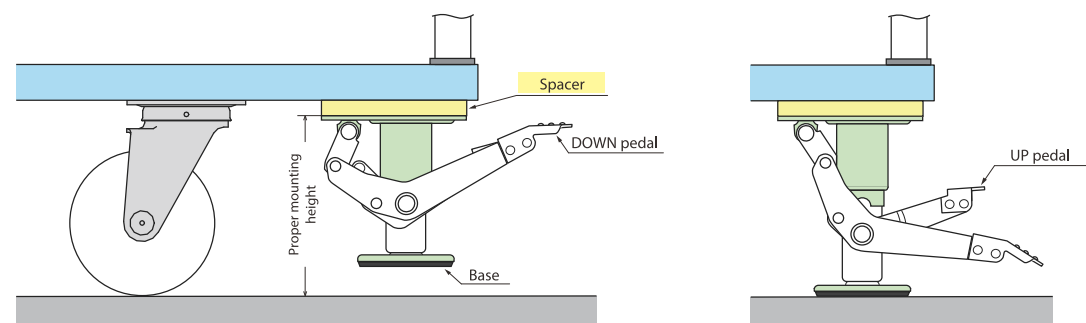
Please press down the DOWN pedal. The UP pedal is set higher than the DOWN pedal for fully locking state.

### ● UNLOCK

When you press down the UP pedal, the pedal will be in the same position as the DOWN pedal. The base moves up and the lock is released.



The built-in spring presses down on the floor surface to lock it. The shrinkage allowance is approximately 5 mm, and the pushing pressure is approximately 392 N (approx. 40 kgf).

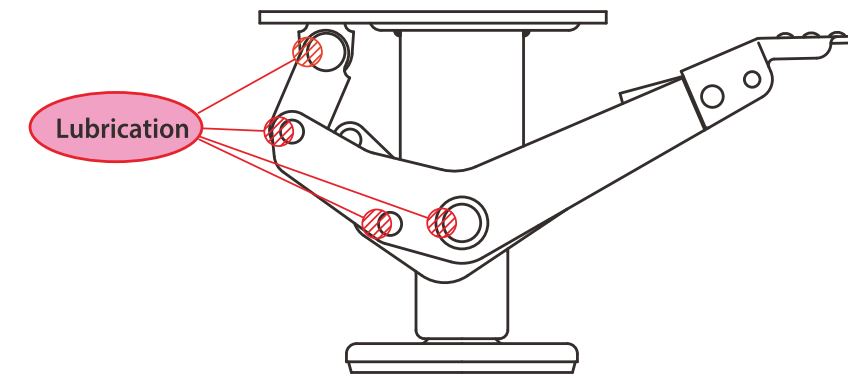


The built-in spring with a total pressure of about 392 N (approx. 40 kgf) expands and contracts the base by about 5 mm, making it suitable for dented floors.

Depending on the mounting height of the caster, it is necessary to adjust the height by installing a spacer as shown in the right figure.

## Maintenance

Lubricating periodically to the sliding parts shown in the figure on the right, the function of the product can be fully demonstrated.



## Precaution for Use ⚠

- When installing the product, be sure to set the product between the swivel casters.
- Make sure to keep the proper mounting height.  
If the mounting space is too high, it will not lock completely.
- The proper mounting height is the dimension obtained by subtracting the shrinkage allowance of the built-in spring and rubber base from the down height.
- Never use the product as a jack.  
Hammer Lock is a stopper for a cart with casters and is not intended for lifting.
- Do not use the product to fix a work table or a step table.
- Do not use on a slope.
- Mount with the pedal out so that your foot will not get caught between the frame and the pedal.  
When mounting in the frame, leave a gap so as not to catch your feet.



Do not weld the product in a manner that allows electricity to pass through, such as by attaching a grounding clip to the leg pipe.

※ There is a possibility that the spring installed in the pipe will generate heat through electricity, and the performance will be impaired.