

Caterpillar-type fall prevention electric pit cover

Patent pending

PIT SHIELD

Pit openings are dangerous!



Achieving safe and secure work

The electric cover makes opening and closing easy!

Full safety equipment

Load-bearing
capacity

150kg

Cover

Highly durable!
Rust-resistant
galvanized
steel plate

Product Information



Product Features



Cover
Highly durable!
Rust-resistant
galvanized
steel plate



POINT 1 Full safety equipment



● Foreign object detection function

Equipped with high and low level sensors!
If a foreign object is detected on the cover,
operation will stop, preventing damage to
tools or the machine itself due to entanglement.



● When the high-level
sensor is activated



● When the low level
sensor is activated



● Safety with 10cm retreat!

● Pinch prevention function

Equipped with a contact detection sensor at the front of the
cover.

When contact is detected, the slats retract 10 cm to prevent
pinching between the slats and the pit.



● The details of the abnormality can be
confirmed by the lamp.

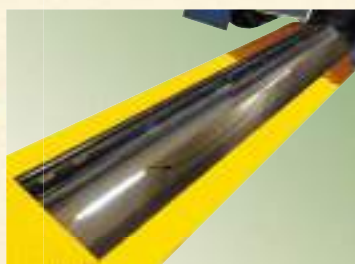
POINT 2 The electric cover makes opening and closing easy!



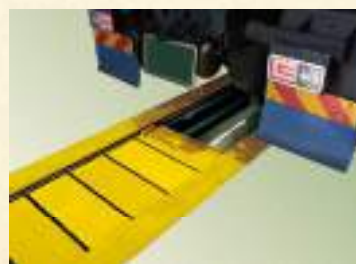
The opening can be
adjusted to suit the vehicle.



A beep sounds
when the device is in
operation



● When fully open



● When using

Manual operation is also
possible in emergencies
such as power outages



Specification

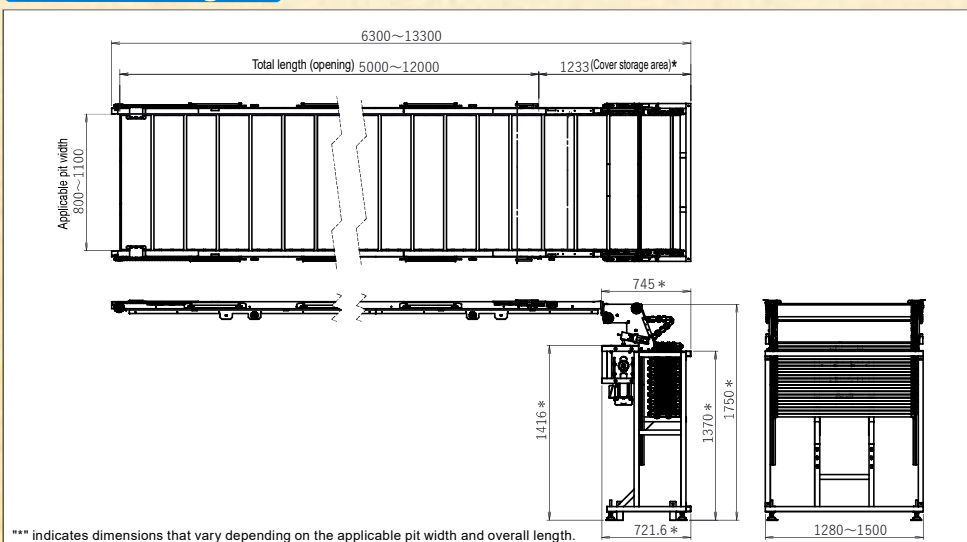
Product No.	LM4780 -0500	LM4780 -0700	LM4780 -1000	LM4780 -1200
Applicable pit width	1100mm		800mm	
Total length (opening)	5m	7m	10m	12m
Maximum cover load	150kg			
Cover storage method	Folding caterpillar			
Opening/closing speed	Slat opening/closing speed: Approx. 60 sec.per 10m			
Power supply	3-phase 200V *Can be converted to AC100V 6A 50/60Hz			
Materials used	Cover: SGCC (rust-resistant zinc-plated) Guide rollers: SUS Chain: Iron			
Drive method	Chain drive by electric motor			
Installation location	Underground pit for auto repair shops			
Environmental conditions	Min temperature: -10°C, Max temperature: 40°C			

* Vehicles cannot enter the cover, and people cannot work on the cover.

* Walking or carts cannot be used on the cover.

* Specifications other than those listed above are custom-made.

Reference diagram



⚠ Safety Precautions To ensure proper use, be sure to read the instruction manual carefully before use.

• Please note that specifications are subject to change without notice.

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