

# Ladder Climber

presented by Ryo Keiso Ltd



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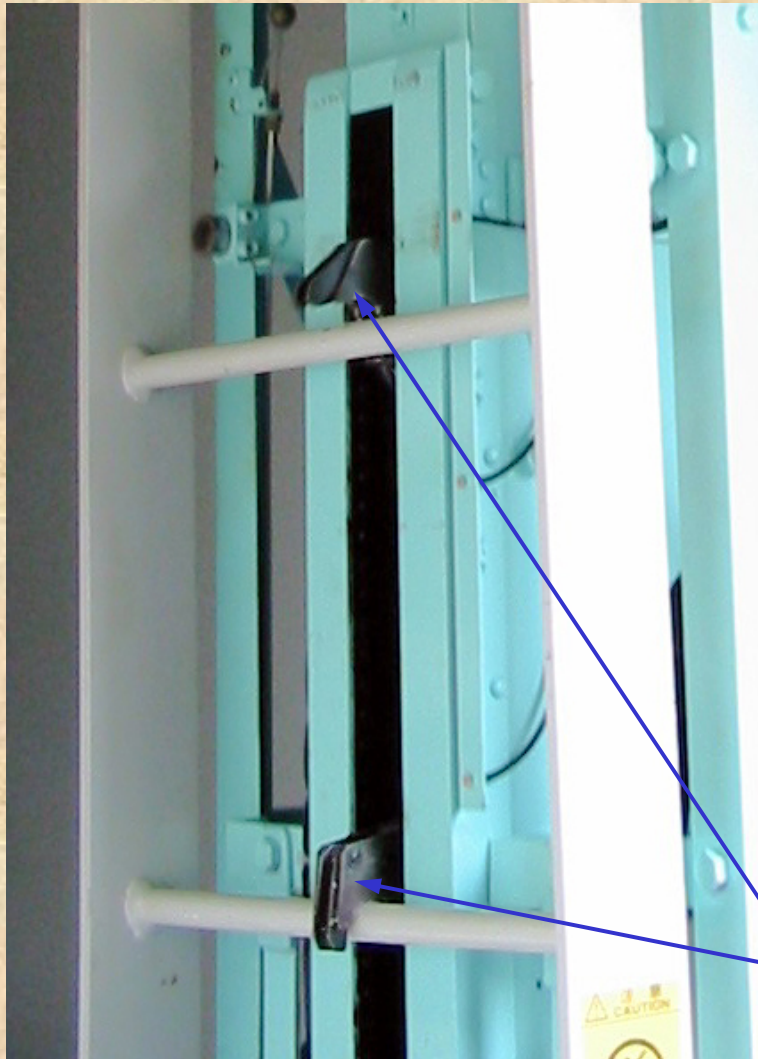
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# Development of Ladder Climber



Ladder Climber was developed to reduce the labor and the danger when going up and down a perpendicular ladder in the windmill.

# Mechanism



Ladder Climber goes up and down the perpendicular ladder as gripping it directly.

Collets



# Double Safety Catches

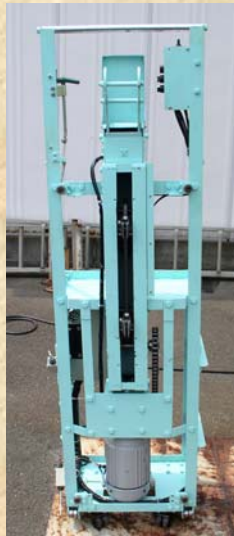
One stops the motor when it detected the abnormality, the other holds out a safety hook to catch the ladder.

Safety Hook



# Three Types of Ladder Climber

Model	Type S & M	Type L
Rated Output	400 W	750 W
Power Supply	Single Pole AC 100 V	Three poles AC 200 V
Up & Down Speed	6 m/min ( 50 Hz ) 7.2 m/min ( 60 Hz )	10 m/min ( 50 Hz ) 12 m/min ( 60 Hz )
Rated Loading Capacity	90 kg	140 kg



Type S



Type M



Type L

# Up & Down Motions



Type S goes up and down at 7.2 m/min speed.



# Movements of Collets

