

MORITA


MORITA GROUP

SUPER GYRO LADDER
MLK4-30



FASTER, SAFER,
EASY-TO-USE



◀ SCAN HERE and ACCESS to
OUE WEB SITE

FASTER, SAFER,



STYLISH DESIGN OPERATION SHEET



SPEEDY EXTENSION TO 32m WORKING HEIGHT within 20 sec.



BRIGHT & USER-FRIENDLY 12 inch DISPLAY



AUTOMATIC LEVELING TURNTABLE



DURABLE, H TYPE OUTRIGGERS & JACKS

EASY-TO-USE



UP TO MINUS 17 DEGREES ELEVATION SYSTEM



WIDE BASKET for 4 PERSONS, 360kg



VIBRATION SUPPRESSION SYSTEM



▲ Video Link



EXTREME OUTREACH for 27m

SUPER GYRO LADDER

STANDARD SPECIFICATION

Overall Length	Approx. 10,000 mm
Overall Width	Approx. 2,500 mm
Overall Height	Approx. 3,600 mm
Gross Vehicle Weight	Approx. 14 - 16 tons
Ladder Section	4 sections
Working Height	32 m
Max. Outreach	Max. 27 m (without Basket)
	Max. 24 m (with 1 person in Basket)
Ladder Elevation	-17° ~ 75°
Ladder Extension Speed	Within 20 sec. up to 32 m Working Height
Ladder Elevation Speed	30 sec. (from 0°~ 75°)
Rotation	360°continuously
Leveling	7° all directions
Basket Capacity	360 kg (or 4 persons)
Jack Type	H type, infinitely variable
Other Features	Large Full Color LCD Touch Panel Display at Base
	Vibration Suppression System
	Dual Ladder Monitoring System

OPTION



Water Pipe for 1st section of the ladder



Electric Generator can be installed at the left side of the ladder



PTO driven fire pump, Max. flow rate 3,000L/min



Detachable stretcher for Basket



Extra hose connection in Basket



E-MONITOR, easy touch panel for pump operation

Protecting Human Life
and Mother Earth

MURITA

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واحد ۶ | کد پستی: ۱۹۶۸۶۳۴۳۱۴
۸۸۸۷۰۳۴۴ - ۸۸۷۹۱۹۳۶
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SUPER GYRO LADDER
MLL SERIES



Technological Leaps
Augment Safety



Functions realized through a ceaseless

This “MLL Series”, the latest and the most advanced MORITA lineup, Turntable Ladder renders speedy, safe and seamless firefighting and rescue operations with many advanced features to assist fire and rescue

Newly designed MLL Series Heavy Duty Basket (Patent awaited)

Permissible Load: 450kg for 32M
270kg for 56M



Upward opening Gull-wing type doors not only provide easy access to the basket but also increase the proximity to the rescue scene.



Multi-Function Touch Panel Color Display

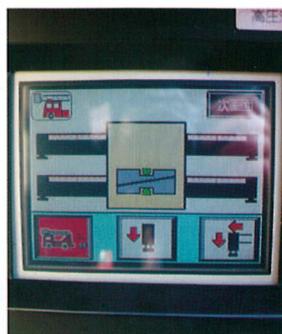
All of the following control stations are equipped with highly bright Touch Panel Color Display that offers ease of use and depicts operation information of the respective control.



Main control station at the base of Turntable



Basket control station



Rear side control station

Basket Sonar System

This system equipped with ultrasonic sensors detects approaching objects in advance, sounds a warning and ultimately halts the ladder movement if the operation is continued.



pursuit of Safety

operations.



Jack System with “One Side Mode” along with “Infinitely Variable Width” within maximum width of the outriggers.

A single push of a button readies the vehicle for operation by extending the outrigger, placing the jacks firmly on the ground and bringing the turntable to the horizontal level. One side outrigger mode and infinitely maneuverable outrigger width enable maximum possible outreach even in narrow areas.



Lifter/Elevator

The lifter is tremendously effective for speedy rescue operation from a high rise building. The lifter can be used simultaneously with the basket allowing a total load of 450kg (270Kg in basket and 180Kg on lifter) on the ladder.



Gyro-Turn Table Leveling System

The leveling system automatically compensates the inclination in all directions while the jacks are set on the ground and then onwards allows all ladder operations in all directions. The vehicle can be set on any uneven ground with a maximum inclination of 7 degrees in any direction.



Telescopic Fixed Waterway

The fixed telescopic waterway fully integrated in the ladder system enables speedy firefighting operations. No time is wasted in affixing hoses and water discharge can be undertaken immediately upon arrival. Fitted on the backside of the ladder it causes no hindrance during a descent.



Basket Stretcher (Option)

A provision that enables a quick and speedy attachment of a stretcher to the basket is available.



Advanced Functions

Vibration Suppression System

Safety

Detects and cancels vibrations caused by the ladder system rendering all ladder operations safe and smooth.

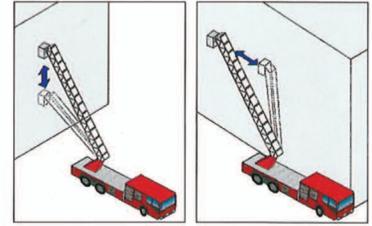


Vibration Suppression System

Horizontal/Vertical Operation

Quick

A simple single lever operation moves the ladder in a horizontal or vertical direction automatically regulating extension and retraction of the ladder.



Automatic Storing System

Automatic

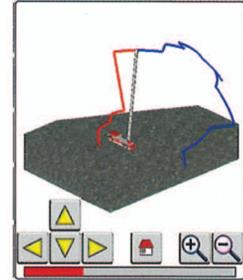
The cumbersome manual operation of bringing the ladder to its transport position is reduced to a simple press of a button.



Record and Play Modes

Memory

Memory function remembers the operation and trajectory of the ladder and allows the same motion to be repeated over and over again. Not only that the speed of each movement is adjustable during play mode and the ladder trajectory can be seen in 3D display mode.



STANDARD SPECIFICATION

	MLL4-30S	MLL4-30W	MLL6-56S	MLL6-56W
Overall Length	Approx. 11,000 mm	Approx. 12,000 mm	Approx. 12,000 mm	Approx. 12,000 mm
Overall Width	Approx. 2,500 mm	Approx. 2,500 mm	Approx. 2,500 mm	Approx. 2,500 mm
Overall Height	Approx. 4,000 mm	Approx. 4,000 mm	Approx. 4,000 mm	Approx. 4,000 mm
Ladder Section	4 sections	4 sections	6 sections	6 sections
Working Height	32 m	32 m	56 m	56 m
Telescopic Waterway	-	Equipped	-	Equipped
Ladder Elevation	-17° to 75°	-10° to 75°	-10° to 75°	-10° to 75°
Leveling	7° all directions	7° all directions	7° all directions	7° all directions
Basket Capacity	450 kg	450 kg	270 kg	270 kg
Simultaneous Operation (Basket + Lifter)	Total 450 kg (Basket 270 kg + Lifter 180 kg)	Total 450 kg (Basket 270 kg + Lifter 180 kg)	Total 450 kg (Basket 270 kg + Lifter 180 kg)	Total 450 kg (Basket 270 kg + Lifter 180 kg)
Jack Type	H type, infinitely variable		H type, infinitely variable	
Other Features	Safety- Vibration Suppression System			
	Horizontal/Vertical Operation			
	Automatic Storing System			
	Memory Function - Record and Play Modes			
	Multi-Function Touch Panel Color Display			

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without notice.

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