

WORLD LEADING MANUFACTURER OF

# TELESCOPIC GANGWAYS



marine aluminium



**“ Marine Aluminium was the first, and is by far the most experienced manufacturer of aluminium gangways in the world! ”**

Our telescopic gangways are used to bridge the gap between fixed and floating installations or between two floating installations. The main purpose is personnel access, but it can also support utility transfer lines for fuel, water, compressed air or power/LAN/fibre.

The main advantage of the Marine Aluminium telescopic gangways is the safety level. The gangways provide optimum safety for personnel, even during the roughest conditions, as the gangways have automatic disconnection in the event of an emergency situation. The gangways can also be equipped with fire suppressing deluge piping along the length of the gangway to protect personnel from fire hazards. The Marine Aluminium Telescopic Gangways are designed and custom made, and are available in different sizes from 23 meters to 57 meters in length.

2015 marks a great year for Marine Aluminium with the supply of our telescopic gangway number 100, an unparalleled achievement in the market and one we are very proud of. Since the first one was designed back in 1979, we are now providing millions of safe transfers worldwide. Every year. Supported by a worldwide team of highly qualified and experienced product specialists.

With ground breaking new technological advances in Active Motion Compensation and Auto Landing<sup>®</sup>, Marine Aluminium telescopic gangways will be available for an even wider range of use on vessels and rigs worldwide in the future.

Borgsten Dolphin  
MA 44 m



Floatel Victory  
MA 45.5 m



Dan Swift, Lauritzen  
MA 46.5 m



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# TELESCOPIC GANGWAYS

All telescopic gangways offer encapsulated passage, safe and sheltered, with two-way simultaneous traffic – resulting in very high volume capacity. All gangways can be used as an evacuation path, adding the overall safety on projects. Designed for easy and fast connection/disconnection to the receiving platform, with automated free coupling feature when in operation. Emergency lift off sequence without any power requirement from host vessel (using accumulator power) is standard on all gangways.

A wide variety of options is available upon request: AMC (Active Motion Compensation), Autolanding®, SIL rated control system, personnel tracking system, utility lines (not available on MA 26.0 m), radar/camera distance measuring and much more.

**MA 26.0 m**  
Operation length: 22.0 m  
Telescopic movement: +/- 4.0 m  
Special benefits: Diesel HPU, AMC, Autolanding®

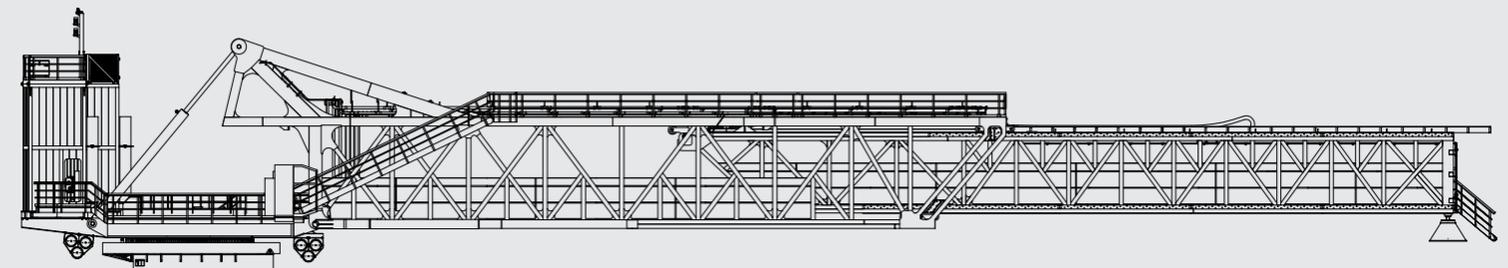
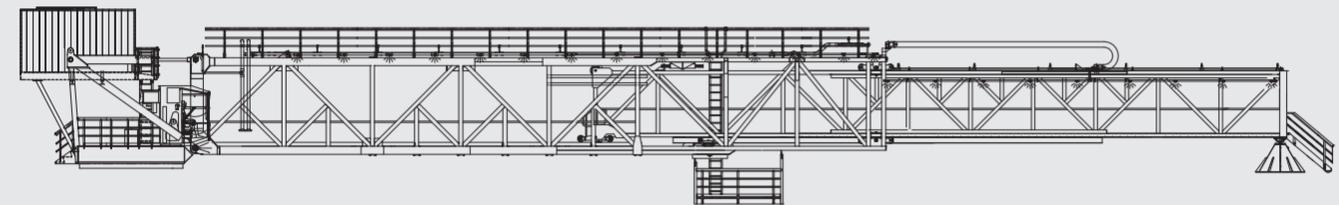
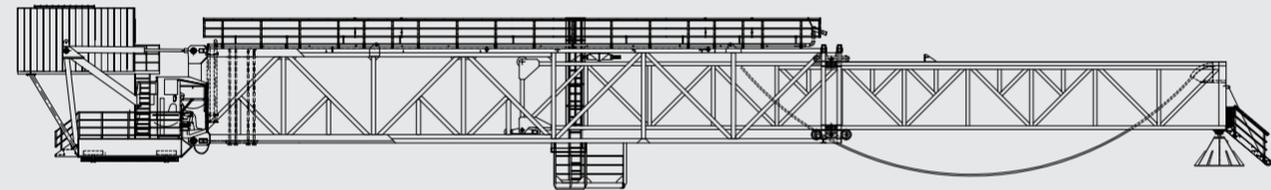
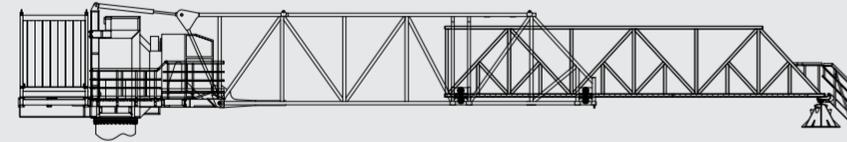
Also offered as a standalone, skid-mounted unit with telescopic pedestal/stair access.

**MA 42.5 m**  
Operation length: 36.5 m  
Telescopic movement: +/- 6.0 m

**MA 45.5 m**  
Operation length: 38.0 m  
Telescopic movement: +/- 7.5 m

**MA 46.5 m**  
Operation length: 38.5 m  
Telescopic movement: +/- 8.0 m

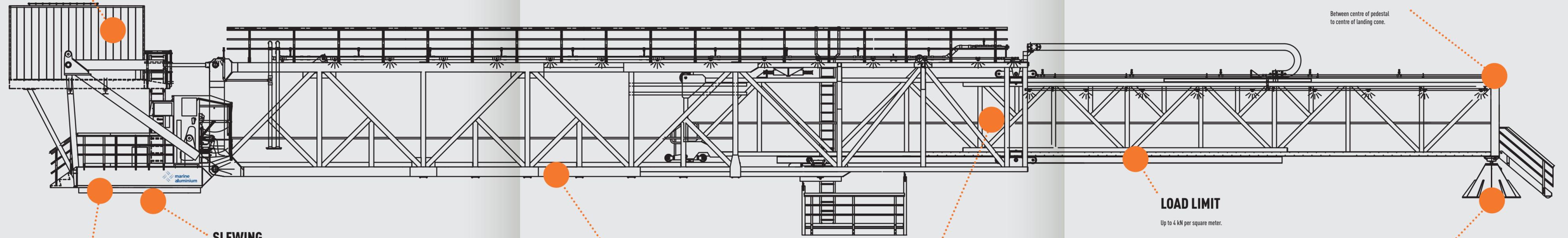
**MA 57 m**  
Operation length: 47 m  
Telescopic movement: +/- 10 m



## HYDRAULIC

A complete enclosed system which is pre-loaded with hydraulic fluid. No need for interface.

Hydraulic power is used to lift/luff, slewing and telescopic movement.



## POWER/INTERFACE

Point of power and signal interference between pedestal and gangway. Power and type of signals to be agreed in advance.

## SLEWING

High slewing flexibility, are able to cover a broad variation of angles. +/- 180 degrees.

## LIFTING ANGLE

The gangways are able to lift and luff between +24 degrees and -16 degrees.

## PROTECTED PASSAGE

Safe and sheltered, with two-way simultaneous traffic as long as the gangway are inside operational limits - resulting in a very high volume capacity.

## LOAD LIMIT

Up to 4 kN per square meter.

## LANDING CONE

Designed for easy and fast connection/disconnection to the receiving platform, with automated free coupling feature when in operation.

## MAXIMUM LENGTH

Between centre of pedestal to centre of landing cone.

 marine  
aluminium

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