



MANITOU ART17TH Mobile Elevated Working Platform (MEWP)

MACHINE OVERVIEW

The Manitou ART17TH is a self-powered Mobile Elevated Working Platform (MEWP), suitable for road and rail operations. The ART17TH is currently the most advanced Road Rail MEWP available on the market, with its versatility and capability making it an ideal solution for a wide range of our client's problems on both rail and civils work schemes.

When being used on rail, the machine's advanced pantograph system allows for the recording of heights and staggers data whilst the machine is moving up to a top speed of 7.5mph. This data can then be quickly and easily downloaded from the machine's pantograph system for immediate on-site analysis.

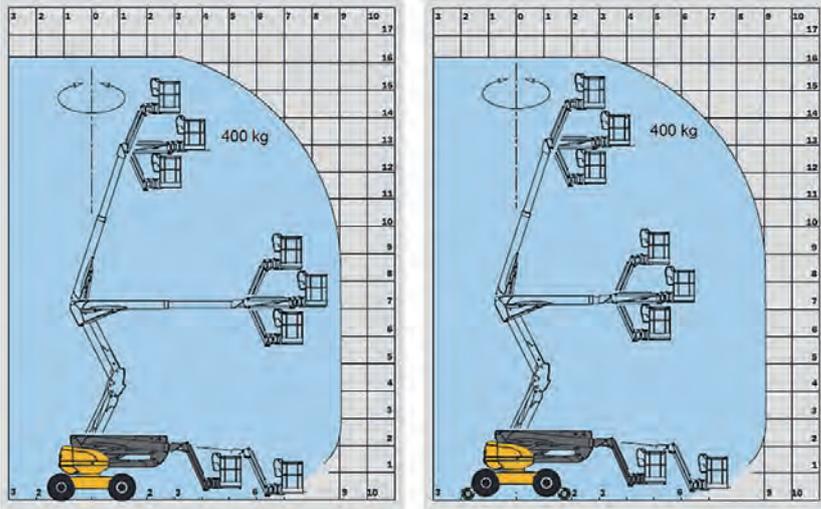
The ART17TH boasts a large basket with 3 access points, enabling a maximum of 3 people (max weight of 400kg) to work in the basket at any one time. The machine is also complete with numerous features to ensure safe working, such as a flashing beacon, audible/visual tilt and overload alarms and slope override.

WORKTYPE SUITABILITY

The versatility of the ART17TH means that it is suitable for carrying out a wide bank of work types, both on and off rail. When paired with Story's team of experienced, multi-skilled operators the Manitou ART17TH is able to carry out a vast scope of working at height tasks including:

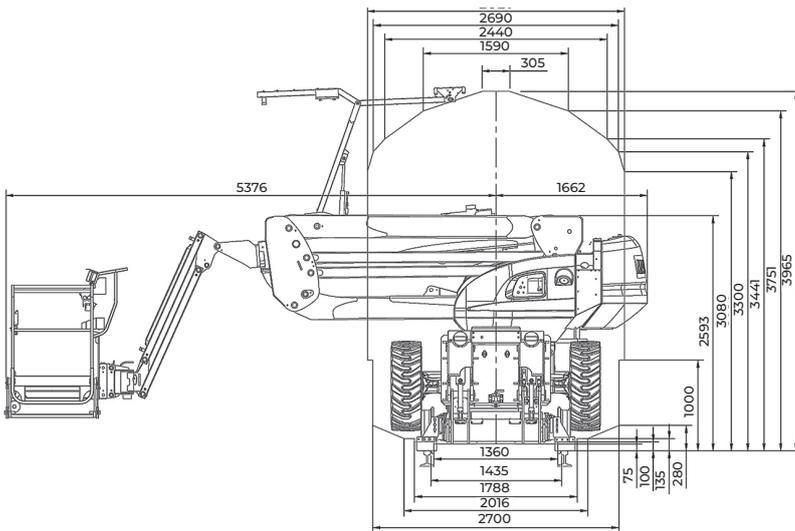
- Signalling inspections
- Signalling repairs
- Signalling installations
- OLE maintenance and installation
- Bridge inspections
- Canopy and roof inspections
- Structure repairs
- Tunnel inspections and repairs

WORKING RANGE DIAGRAM

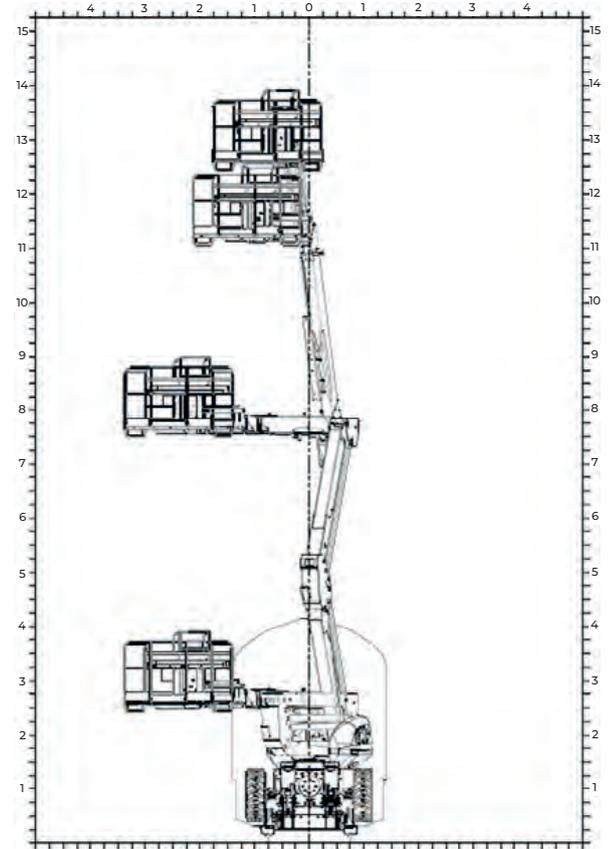


All dimensions in flat situation. Telescope arm will be blocked above 4,8° gradient in rail mode, maximum reach till 120 mm. cant is 8.65m, above 120 mm. cant the reach is 6.35m.

WORKING RANGE WHEN "WORKING OVER THE SIDE"



WORKING RANGE DIAGRAM



SPECIFICATION

Working Height	16.25m	Inside Turning Radius	1.32m
Platform Floor Height	14.25m	Outside Turning Radius	3.68m
Max. Outreach	8.95m	Outside Turning Radius (with basket)	6.93m
Up and Over Clearance	7.00m	Ground Clearance	42.5cm
Jib Movement	+/- 70°	Wheelbase	2.20m
Basket Rotation	+/- 90°	Working Speed (on rail)	1km/h
Turret Rotation	360°	Max. Travel Speed (on rail)	12km/h
Capacity	400kg/3 persons	Engine	Kubota V2403-M
Basket Size	2.30m x 0.93m	Engine Cylinders	4
Lifting Time	40s	Diesel Tank Capacity	52l
Height	2.37m	Hydraulic Tank Capacity	120l
Length	4.94m	Total Weight	12,400kg
Height (Travel/Transport)	2.70m		