

## New 12m access platform redesigns Manitou access platform

The new Manitou Man'Go 12 diesel boom lift capable of lifting workers up to 12m high, is now available in Australia, New Zealand and Oceania.

With a large basket capable of hosting two people or 230kg and a compact design, the Man'Go 12 is fully compliant under Australia's standards and does not require a licence for elevated work platform operations because the machine's boom length is under 11m (9.9m precisely).

"Less popular than the 16m access platforms which dominate the sector, 12m access platforms meet the requirements of a compact design but represent an economical alternative," Stuart Walker, Managing Director, Manitou Australia said.

"With structures more or less equivalent, the cost difference is not great enough to justify offering both products for rent. As most customers do not use the potential 16m, Manitou has been working on a 12m access platform project, which is economically advantageous, the Man'Go 12," Stuart said.

"The challenge was to create a competitive machine while retaining Manitou's DNA. It was therefore out of the question to reduce the safety, quality or reliability of the machines. To resolve this problem, Manitou has reviewed the design of the machine. The solution involved technical choices which are a real breakthrough compared to the standards for articulated platforms.

"First revolutionary change: the operating mechanism – a redesigned lifting structure. Instead of a three-part articulated arm supported by two arms, Manitou made the choice of lifting the structure driven by a single arm and a system of fulcrums favoring speed of movement. Also, a 1,500mm jib improves access to the working zone. This overall structure provides a simplified version of the elevation part, an elementary contribution to reducing the total cost.

"Second revolutionary change: the transmission based on the wheel engines. The access platform is driven by the wheel engines. The machine retains its all-terrain character through control and management of the distribution of hydraulic oil in the 4-wheel engines and differential hydraulic locking on demand.

"Third revolutionary change: the engine located in the chassis. This engine position gives a lower centre of gravity,

which contributes to making the machine lighter. This design also enabled the width of the turret to be reduced, to improve the operator's view of the steering wheels; this significantly improves safety on congested sites.

"Fourth revolutionary change: the name of this new access platform, the Man'Go. Manitou has put a machine on the market totally distinct from its fellow TJ and ATJ machines on the points mentioned above and especially in terms of design and graphical charter. It would have been easy to create a 120 ATJ to offer a 12m access platform to the market. To fully respond to the specifications of its rental-company customers, Manitou had to radically change the design," Stuart said.

"To design an attractive access platform, Manitou relied on technical choices. Therefore, the Man'Go 12 includes all of the characteristics of Manitou access platforms: flexible movements; the operator's feeling of safety in the basket; truck-mounted diagnostic; and all-terrain ability. This new design also has numerous advantages:

- Lightness: with a weight close to 4 tons, the Man'Go is about 1 tonne lighter than competitors, representing transport savings for rental companies;
- Compactness: at 1.80m width, it is 10cm narrower than its competitors,



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and easier to use in restricted environments;

- Simplicity: operators who are used to Manitou access platforms easily get their bearings because the controls in the basket are standardised with the ATJ/TJ ranges. The machine only has one joystick to lift the entire structure; this will make the machine very easy to use.

"Low TCO: an attractive purchase price, transport cost savings, low consumption thanks to a small engine and electronic management of the engine speed which has proven its effectiveness on the entire internal-combustion-engine range, simplified maintenance thanks to the integrated diagnostic system."

Contact: 02 9517 3174 or visit website: [www.Manitou-group.com](http://www.Manitou-group.com)

## CMS now parts and service agent for Merlo

Construction Machinery Solutions has announced its appointment as authorised parts and service agents for Merlo Australia.

Based in Brisbane and now into its seventh year in business, owner Peter Delaforce has experience in the telehandler industry and is extremely happy with the partnership formed with Merlo Australia. With Merlo's leading expertise in design and safety Peter believes Merlo is the perfect fit for his business.

"Merlo is able to utilise our service division with branches in Brisbane, Toowoomba and Miles in the Surat Basin to offer parts and prompt service to its expanding fleet of telehandlers sold throughout the QLD region."

Construction Machinery Solutions provide workshop and field service and specialise in EWP and telehandler 90 day, annuals and major inspections.

Contact: 07 3393 9998 or visit website: [www.machineriesolutions.com.au](http://www.machineriesolutions.com.au)