

PANORAMIC 1214 - XG



The supremacy of ideas.

# PANORAMIC

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### **Frame levelling and stabilisers**

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### **Frame levelling**

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PLUS models are equipped with turbocharged engine and feature 40 kph travel speed.

# DEFINING SUPREMACY



## **The cutting edge of technology**

The PANORAMIC handler range clearly demonstrates Merlo's innovation and technology. The unequalled performance, the Load-Sensing hydraulic system, boom side-shift and frame levelling devices together with the unique BSS and EAS suspension systems add up to another incomparable solution from Merlo,

making an extremely competitive product in the marketplace. A further demonstration of Merlo's dedicated commitment to the design of high-tech machinery, the result of ongoing research and development, and the experience acquired during forty years of leading the handler market.

# EXCLUSIVE FEATURES

## Power where it is needed

A double-acting hydraulic service with quick-connectors is standard equipment, for powering hydraulically operated attachments.

## Outstanding versatility

The front tool-holder carriage, complete with its Tac-Lock hydraulic locking system, ensures instant interchange of attachments - directly controlled from the cab.

## Boom side-shift

The Merlo's exclusive integral chassis side-shift mechanism gently and precisely swings the telescopic boom and load into position.

## Proportional controls

The operator controls through proportional levers all the boom movements and the auxiliary services.

## Frame levelling

The chassis can be hydraulically tilted, relative to the front axle, ensuring truly vertical lift on uneven surfaces.

## Front stabilisers (on some models)

Two independently operated hydraulic stabiliser legs assure the necessary stability for working on any terrain.

## Side mounted engine

The 4 cylinder Euro 2 engine is side-mounted for visibility, stability and ease of service access.

## Excellent ground clearance

The 'portal' type axles, designed and built by Merlo, ensure better ground clearance than traditional designs and were conceived exclusively for use on Merlo telescopic handlers.

## EAS and BSS suspension

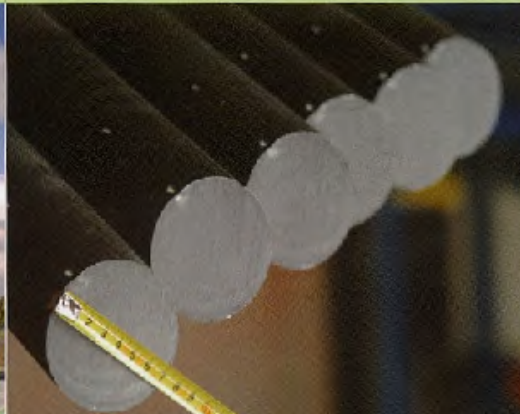
Merlo boom or electronic active axle suspension assure the best operator comfort and most efficient load carrying.



The front and rear windows and upper door section can be opened for 'natural' ventilation.

The periphery of the PANORAMIC is protected against impact damage by a solid 'Ring of Steel', which is an integral part of the chassis.

Within Merlo, our specialisation in telescopic handlers guarantees continuing research into even the smallest details of design and production.



The PANORAMIC handler family includes models in the 12m and 14m class, with lifting capacities up to 3800kg. Their exclusive features ensure maximum performance and ease of operation in even the toughest of applications.

**Outstanding safety**

As a standard fitting, the longitudinal stability control mechanism locks the telescopic boom if the machine's stability limits are approached (key-selected feature).

**Convenient operator controls and clear instrument panel**

All controls are accessible and convenient to operate. In front of the operator is a comprehensive instrument display, which can be read in all lighting conditions.

**Total visibility**

The PANORAMIC continues Merlo's legendary 360° visibility around the machine, particularly of both front and rear working areas.

**Maximum comfort**

The operator has the advantage of the widest handler cab currently available on the market, together with a redesigned driver's seat (with optional air suspension) that ensures excellent comfort.

**Unequaled manoeuvrability**

Merlo's design concept integrates all the components into an exceptionally compact package. The resulting excellent manoeuvrability and precision are further enhanced by a powerful engine and precise hydrostatic transmission.

**Maximum accessibility**

The side mounted engine and careful positioning of the transmission and hydraulic systems ensure excellent accessibility for maintenance. Technicians can work in total safety with their feet firmly on the ground.

**Plastic fuel tank**

The fuel tank is formed from plastic, which is more resistant to damage than metal, and easier to service.

**Standard battery isolator**

All models are equipped with a manual battery isolator switch. As an option, an automatic type is available.



**The PANORAMIC range offers much more**

- The largest cab currently available on the handler market
  - 4 cylinder naturally aspirated engine (64kW - 86HP) or turbocharged (74.5kW - 101HP)
  - Load-Sensing hydraulic systems
    - Integral boom side-shift
    - Frame levelling mechanism
  - Front independently controlled stabilisers
- Electronically controlled hydrostatic transmission
  - 2-speed mechanical gearbox
- Permanent 4 wheel drive and 3 steer modes
  - Maximum travel speed 40kph (PLUS models)
  - BSS boom suspension or EAS active front axle suspension



The front stabilisers assure the necessary stability for working on any terrain.



Boom sections slide on adjustable low-friction pads



The 'disappearing' boom ensures an excellent 360° visibility.

