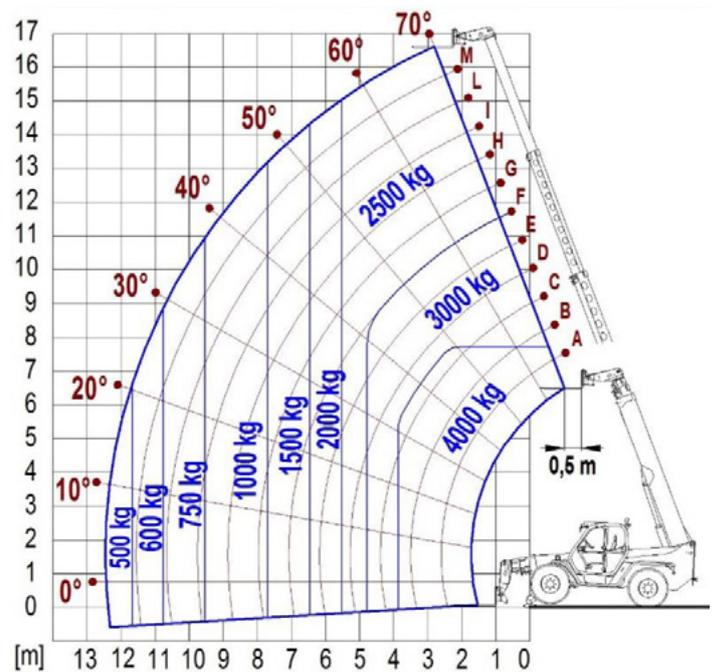




PANORAMIC P40.17



PERFORMANCE AND FEATURES	P40.17	P40.17 Plus	
<b>PERFORMANCE</b>			
Total unladen weight (kg)	11670	11670	
Maximum capacity (kg)	4000	4000	
Lifting height (m)	16,6	16,6	
Maximum reach (m)	12,4	12,4	
Maximum operating height (m)	10,3	10,3	
Maximum operating reach (m)	4	4	
Capacity at maximum height (kg)	2500	2500	
Capacity at maximum reach (kg)	600	600	
Lateral boom movement (mm)	+/- 435	+/- 435	
Tilting correction (%)	+/- 10	+/- 10	
Boom sections	4	4	
<b>POWERTRAIN</b>			
Turbo motor	Deutz TD2.9	Deutz TCD3.6	
Displacement/cylinders	2900/4	3600/4	
Engine Power (kW/HP)	55,4/75	75/102	
Anti-pollution technology	EURO IIIB, DOC	EURO IV, SCR+DOC	
Reversible fan	-	-	
Maximum speed (km/h)	40	40	
Fuel tank (l)	140	140	
AdBlue tank (l)	-	18	
Hydrostatic transmission	● - 2V	● - 2V	
EPD	-	●	
Axles	Drop portal	Drop portal	
Reduction hub	RR700	RR700	
Machine brakes	Dry discs	Dry discs	
Automatic parking brake	●	●	
<b>HYDRAULIC</b>			
Hydraulic pump	LS	LS	
Flow rate/pressure (l/min – bar)	104 - 250	104 - 250	
Hydraulic tank	100	100	
Hydraulic outlet at the top of the boom	●	●	
Rear hydraulic outlets	○	○	
<b>CAB</b>			
Cab configuration	ECO	PREMIUM	
MCDC	Light	●	
FOPS LIV II cab	●	●	
ROPS cab	●	●	
Cab commands	Electronic joystick control	Electronic joystick control	
Tilting Cab	-	-	
Reverse shuttle	Dual reverse	Dual reverse	
<b>CONFIGURATION</b>			
Cab suspension	-	-	
Boom suspension	○	○	
Suspension on axles	-	-	
Work headlights on cab	○	○	
Sun blind	○	○	
Tac-lock	●	●	
Provision for a platform	○	○	
Two floating forks	●	●	
Inching-Control	●	●	
Four-wheel drive	●	●	
Four-wheel steering	●	●	
Three steering modes	●	●	
Standard tyres	400/70-24	400/70-24	
Optional tyres	400/80-24	400/80-24	
Stabilisers	Narrow	Narrow	
Turret rotation	-	-	
Type approval as an agricultural tractor	-	-	
Approval with PNEUMATIC braking	-	-	
Approval with HYDRAULIC braking	-	-	
PTO	-	-	
3-point linkage	-	-	
<b>DIMENSION</b>			
Width (mm)	2420	2420	
Height (mm)	2500	2500	
Length (mm)	5970	5970	
Wheelbase (mm)	2810	2810	



P40.17

## GLOSSAR

## SCR

**Selective Catalyst Reduction**, solution used for the reduction of NOx in the exhaust gases through the injection of a liquid - UREA (AdBlue) - into the exhaust gases.

## DPF

**Diesel Particulate Filter**, a solution used to reduce fine particle emissions in exhaust gases

## DOC

**Diesel Oxidation Catalyst**, a solution used to reduce carbon monoxide (CO) and hydrocarbons in exhaust gases

## EGR

**Exhaust Gas Recirculation**, a solution used to reduce NOx in exhaust gases by recirculating gas inside the combustion chamber of the engine.

## 1-2V

1 or 2 speed **Merlo gearbox**

## CVTronic

**Continuous variation Merlo gearbox**, for constant acceleration without loss of torque

## EPD

**Eco Power Drive**, Merlo electronically-controlled hydrostatic transmission Electronic, enables effective RPM management in order to reduce overall fuel consumption by the machine

## EPD Plus

In addition to the **EPD** Control, it is also possible to work using Speed Control (maintaining a constant travel speed) and Heavy Load (management of RPM in order to maximise performance for tasks such as: bucketing operations, heavy duty unloading, etc.)

## EPD Top

In addition to the **EPD Plus** control function, this enables the RPM to be managed directly using the joystick

## Gear

**Fixed displacement pump with gears**, combined with an open centre hydraulic distributor

## LS

Variable displacement pump with **Load Sensing** control, combined with a closed centre hydraulic distributor

## LS+FS

Variable displacement pump with **Load Sensing** control, combined with a closed centre hydraulic distributor equipped with solenoid valves and **Flow Sharing** control.

## Kabine ECO/PREMIUM

**MODULAR** type cabin with simplified or PREMIUM equipment

## MCDC

Merlo Dynamic Load Control, electronic control of the machine's anti-overflow system.

• **Light**: Simplified version; • **Complete**: Version with display in cab.

## FOPS

Falling object protective structure, the system which shields the operator from heavy objects falling onto the cab. Two levels:  
• **FOPS Liv I**: Object with a weight of 45 kg falling from 3 metres • **FOPS Liv II**: Object with a weight of 227 kg falling from 5.2 metres

## ROPS

**Roll-over protection system** (or roll-over protection structure), the system that protects the operator if the vehicle rolls over

## Finger Touch

Driving direction inversion system mounted on the steering column

## Dual Reverse

Dual driving direction inversion system, on both the steering column and the joystick

## Tac-lock

Hydraulic attachment clamping system controlled from the cab



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