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PANORAMIC

CONCEPT

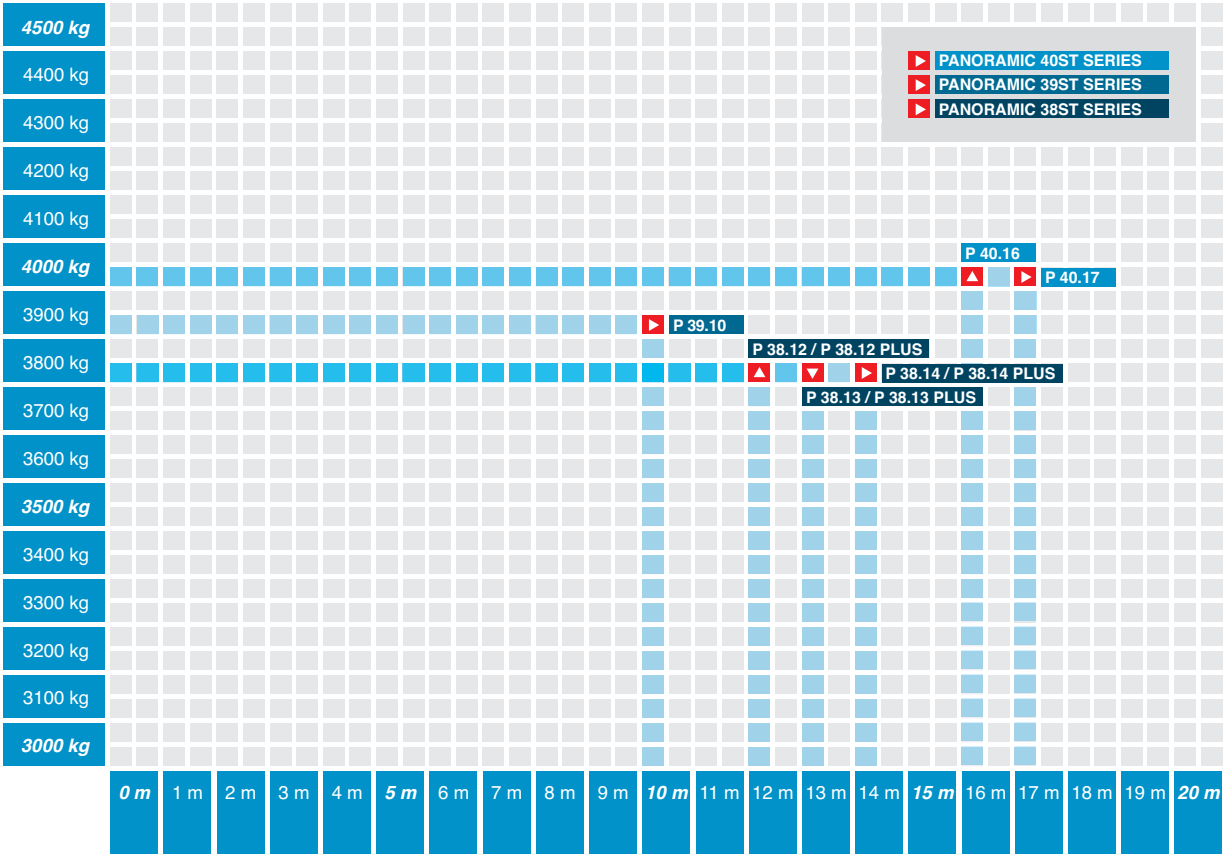
**38ST SERIES**  
High-performing and user-friendly - site telehandlers without compromise!

**39ST SERIES**  
The manoeuvrability, compactness and high power to weight ratio of a small telehandler, but with performance and versatility as well!



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THE PANORAMIC RANGE



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# TECHNICAL DATA

## LET FIGURES SPEAK FOR THEMSELVES

CHARACTERISTICS AND PERFORMANCE	P 39.10	P 38.12	P 38.13	P 38.14	P 40.16	P 40.17
Base Model	Base	Base	Base	Base	Base	Base
Plus Model		Plus	Plus	Plus		
Total weight unladen, with forks (kg)	8350	8550	8650	9050	10250	10350
Maximum load capacity (kg)	3900	3800	3800	3800	4000	4000
Lift height (m)	10.3	11.6	12.6	13.6	15.6	16.7
Maximum forward reach (m)	6.9	7.6	8.6	9.1	11.4	12.5
Lift height at maximum load capacity (m)	8.1	9.2	11	8	7	8.1
Forward reach at maximum load capacity (m)	1.3	2.6	3	3.3	3.7	4
Load capacity at maximum height (kg)	3000	3500	3500	2500	2000	2500
Load capacity at maximum forward reach (kg)	1000	1000	800	900	600	500
Boom side-shift (mm)	±265	±330	±340	±345	±410	±435
Frame levelling (%)	±10	±10	±10	±10	±10	±10
Turbo diesel engine (make/cylinder)	Deutz/4	Perkins/4	Perkins/4	Perkins/4	Perkins/4	Perkins/4
Tier 3 engine power (kW/HP)	74.9/102	74.5/101 <sup>(1)</sup>	74.5/101 <sup>(1)</sup>	74.5/101 <sup>(1)</sup>	74.5/101	74.5/101
Speed in 1st gear range (kph)	7	14 <sup>(1)</sup>	14 <sup>(1)</sup>	14 <sup>(1)</sup>	16	16
Speed in 2nd gear range (kph)	25	40 <sup>(1)</sup>	40 <sup>(1)</sup>	40 <sup>(1)</sup>	40	40
Hydro-pneumatic suspension EAS <sup>(2)</sup>	○	○	○	○	○	○
Hydro-pneumatic suspension BSS <sup>(2)</sup>	○	○	○	-	-	-
Fuel capacity (l)	150	150	150	150	150	150
Hydraulic gear pump (bar-l/min)	210-102	-	-	-	-	-
Load-Sensing hydraulic pump (bar-l/min)	-	210-108	210-108	210-108	210-115	210-115
Hydraulic oil capacity (l)	105	105	105	105	140	140
Electrical circuit (V)	12	12	12	12	12	12
Battery (Ah)	100	100	100	100	100	100
FOPS (ISO 3449) and ROPS (ISO 3471) cab	●	●	●	●	●	●
Hydraulic lever controls	-	●	●	●	●	●
Electro-mechanical joystick controls	●	○	○	○	○	○
Electronic joystick controls	-	○	○	○	○	○
Tac-Lock attachment coupling	●	●	●	●	●	●
Auxiliary boom hydraulic service	●	●	●	●	●	●
Hydrostatic transmission	●	●	●	●	●	●
Finger-Touch direction reversing control	●	●	●	●	●	●
Inching Control	●	●	●	●	●	●
Permanent four-wheel drive	●	●	●	●	●	●
Automatically locking parking brake	●	●	●	●	●	●
Manual battery isolator	●	●	●	●	●	●
Tyres	405/70-24	405/70-20	405/70-20	405/70-20	405/70-24	405/70-24
Four cab working lights (2 f. + 2 r.)	○	○	○	○	○	○
Differential lock (front + rear or rear only)	○	○	○	○	○	○
Manual air conditioning system	○	○	○	○	○	○

(1) Plus version only. The basic model has a speed of 7-25 kph and a engine of 62.5 kW (85 HP); (2) BSS and EAS suspension can not be fitted together. ● Standard. ○ Option.

The Panoramic telehandlers shown in this document may feature optional or special equipment, which is not part of the standard equipment and is supplied upon request. Not all models or versions are available in all countries, due to regulatory restrictions. For further information on models and their equipment please contact your local Merlo dealer. Information and technical data are those available at the time of printing. Merlo reserves the right to modify and update the contents of this document without notice following technological evolution. Your Merlo dealer will keep you posted on our products and services.