

HM - G



The supremacy of ideas.



# PANORAMIC

**P 101.10 HM**

**P 80.9 HM**

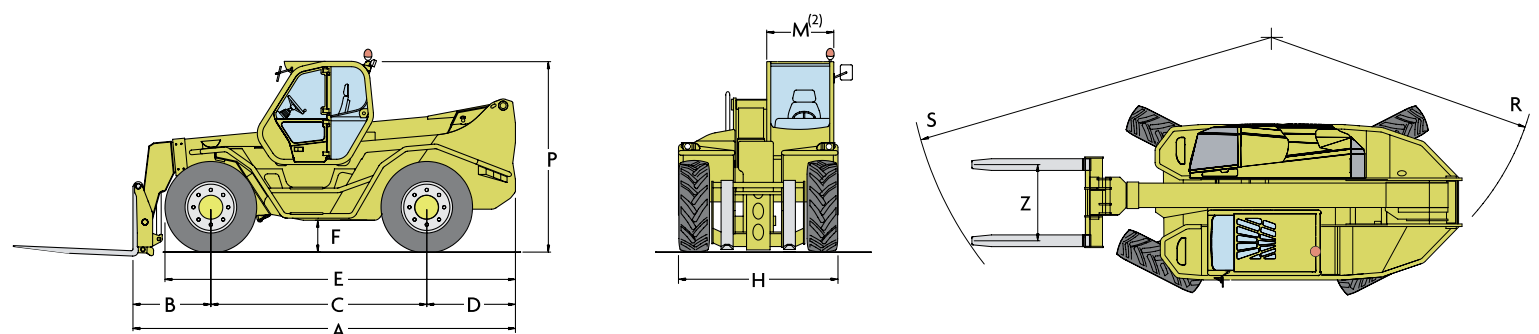
**P 65.14 HM**

**P 45.18 HM**

# PERFORMANCE AND DIMENSIONS



PANORAMIC		P 101.10 HM	P 80.9 HM	P 65.14 HM	P 45.18 HM	Dimensions	P 101.10 HM	P 80.9 HM	P 65.14 HM	P 45.18 HM	
<b>Weight</b>						A	mm	5740	5740	5910	6130
Total empty weight (with forks)	kg	15200	15100	15500	15400	B	mm	1160	1160	1335	1550
<b>Performance</b>						C	mm	3240	3240	3240	3240
Maximum rated capacity	kg	10000	8000	6500	4500	D	mm	1335	1335	1335	1335
Maximum lift height	m	9.8	9.1	13.9	17.8	E	mm	5235	5235	5235	5235
Maximum forward reach	m	5.7	5	9	13.2	F	mm	450	450	450	450
Maximum height at maximum load	m	7.1	7.5	10	10	H	mm	2400	2400	2400	2400
Forward reach at maximum load	m	1.8	1.7	3	4.3	M <sup>(2)</sup>	mm	995	995	995	995
Lift capacity at full lift height	kg	5000	5000	4000	2300	P	mm	2850	2850	2850	2850
Lift capacity at maximum forward reach	kg	2750	3000	1600	1000	R	mm	4300	4300	4300	4300
Low emission engine (Euro 2)		cylinder turbo intercooler				S	mm	5700	5700	5400	5440
Power at 2300 rpm (97/68/CE)	kW/HP	107/145				Z	mm	635÷1170	635÷1170	400÷850	400÷850
<b>Cycle times</b>						<sup>(1)</sup> With the regenerating device activated. <sup>(2)</sup> Internal width.					
Raise boom	s	9 <sup>(1)</sup> /19.1	9 <sup>(1)</sup> /19.2	7 <sup>(1)</sup> /16	10.9						
Extend boom	s	7.5	6.3	7.3 <sup>(1)</sup> /16.2	23.9						
<b>Speed</b>											
1 <sup>st</sup> range	kph	16	16	16	16						
2 <sup>nd</sup> range (self-lifting speed)	kph	40	40	40	40						



### Cab

- In compliance with ISO 3449 (FOPS) and ISO 3471 (ROPS) directives.
- '6 in 1' proportional electronic joystick control.

### Boom

- Telescopic with sections sliding on adjustable anti-friction pads.
- Hydraulic extension system mounted internally inside the boom for maximum reliability and protection.
- Integrated hydraulically operated device for side shift.

### Tool-carrier carriage

- Hydraulic quick coupling/detachment device directly controlled from the cab.
- Standard double acting hydraulic service at boom head for hydraulic attachment operation.

### Forks

- Of floating type: length 1800 mm. Section 200 x 80 mm (on P 45.18 HM and P 65.14 HM length 1200 mm, section 125 x 45 mm).
- The fork spread is manually adjustable.

### Steering

- Four wheel steer, with three steering modes selected from the cab.

### Engine

- 6 cylinder turbo intercooler Nef low emissions (Euro 2) diesel engine, with electronically regulated direct injection, water cooling and rated at 107 kW (145 HP) at 2300 rpm (97/68/CE).

### Transmission

- Hydrostatic with electronically regulated variable displacement motor.
- Automatic and continuous speed variation from standstill to maximum speed, simply by operating the accelerator pedal.
- Electrically operated two speed range gearbox.
- Finger-Touch system which permits change in driving direction even when the machine is moving, without the operator having to remove his hands from the steering wheel.
- Permanent four wheel drive traction.

### Brakes

- Hydraulically controlled oil immersed disc service brakes.
- Automatic hydraulic park brake with hydraulic release feature.

### Hydraulic system

- Load-Sensing type.
- Variable displacement axial hydraulic pump.
- Maximum flow: 138 l/min.
- Service pressure: 230 bar.

### Electrical system

- 12 V, 160 Ah battery and 90 A alternator.
- Road lighting complete with rotating beacon.

### Capacities

- Hydraulic system: 180 l
- Fuel tank: 185 l
- Hydrostatic oil: 12 l
- Engine oil: 12 l
- Engine cooling: 12 l

### Tyres

- 17.5-25 22 PR

### Options

- Radio-control for material lifting operations.
- Cab mounted working lights.
- Front screen guard.
- Prearrangement for attachments requiring two hydraulic services.
- Antitheft system with immobilising device.
- Air conditioning.

