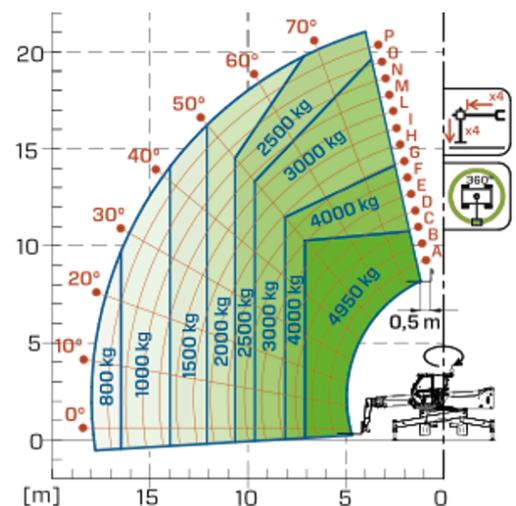


Rotating Telehandlers

Regulatory area: EU

ROT050.21

MERLO



MODEL	ROT050.21	ROT050.21S	ROT050.21SPPLUS
A - Length (mm)	6830	6830	6830
C - Wheelbase (mm)	3070	3070	3070
F - Ground clearance (mm)	370	370	370
H - Width (mm)	2430	2430	2430
M - Cab width (mm)	1010	1010	1010
P - Height (mm)	3120	3120	3120
S - Fork steering range (mm)	6100	6100	6100

MODEL	ROTO50.21	ROTO50.21S	ROTO50.21SPLUS
PERFORMANCE			
Unladen weight (kg)	15800	15800	16500
Maximum load capacity (kg)	4950	4950	4950
Lift height (m)	21	21	21
Maximum reach (m)	17.9	17.9	17.9
Boom side-shift (mm)	—	—	—
Frame levelling (%)	—	+/-12, +/-4	+/-12, +/-4
Boom section	4	4	4
POWERTRAIN			
Engine	FPT F34	FPT NEF45	FPT NEF45
Range/Cylinders (l)	3.4/4	4.5/4	4.5/4
Engine power (kW/HP)	55.4/75	125/170	125/170
Anti-pollution technology	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF
Reversible Fan	—	—	—
Maximum speed (km/h)	25	40	40
Fuel tank capacity (l)	150	150	150
AdBlue tank capacity (l)	—	43	43
Hydrostatic transmission EPD	●	●	●
Electronic joystick	●	●	●
Axles	Drop portal	Drop portal	Drop portal
Brakes	Dry discs	Dry discs	Dry discs
HYDRAULIC			
Delivery / pressure (bar-l/min)	103.5-250	138-250	138+100-250/230
Hydraulic oil tank capacity (l)	120	120	120
CAB			
ASCS	Full	Full	Full
FOPS/ROPS Cab	●	●	●
Tilting cab	—	—	●
CONFIGURATION			
Hydropneumatic Suspension CS Merlo	—	—	—
Frame suspension	—	●	●
Permanent four-wheel drive	●	●	●
Three steering way	●	●	●
Standard tyres	400/70-20"	18-22.5"	18-22.5"
Hydraulically controlled stabilizers	Multiposition	Multiposition	Multiposition
Turret rotation	600°	Continuous	Continuous
PTO (rpm)	—	—	—
3-point rear linkage (kg)	—	—	—

— NOT AVAILABLE • ● STANDARD • ○ OPTIONAL

Your Merlo dealer



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