

Rotating telehandlers

Roto 50.21





PERFORMANCE AND FEATURES

Performance

Unladen weight (kg)	16500
Maximum load capacity (kg)	4950
Lift height (m)	21
Maximum reach (m)	17.9
Lift height at max. load capacity (m)	10.7
Reach at max. load capacity (m)	7
Load capacity at max. lift height (m)	2500
Load capacity at max. reach (kg)	800
Boom side-shift (mm)	-
Frame levelling (%)	+/-12, +/-4
Boom section	4



Powertrain

Engine	FPT NEF45
Range/Cylinders	4500/4
Engine power (kW/HP)	125/170
Anti-pollution technology	Stage V - DOC + DPF + SCR
Reversible Fan	-
Maximum speed (km/h)	40
Fuel tank capacity (l)	150
AdBlue tank capacity (l)	43
Hydrostatic transmission	YES - 2V
EPD	STD
Joystick autoaccelerante	STD
Axles	Drop portal
Reducers	RR 700
Brakes	Dry discs



Hydraulic

Hydraulic pump	2 - LS + FS
Delivery / pressure (L / MIN - BAR)	138+100 - 250/230
Hydraulic oil tank capacity (l)	120
Auxiliary hydraulic service on boom	●
Rear service line	-



Cab

Cab finishing	PREMIUM
ASCS	Full
FOPS II Cab	●
ROPS Cab	●
Controls	Electronic joystick control
Tilting cab	●
Reverse shuttle	Dual reverse

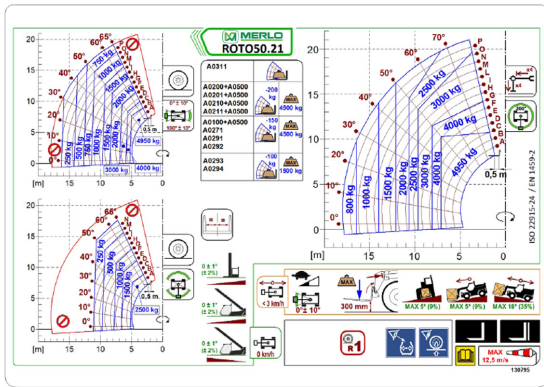


Configuration

Hydropneumatic Suspension CS Merlo	-
Hydropneumatic Suspension BSS Merlo	-
Hydropneumatic Suspension EAS Merlo	●
Work lights on cab	○
Sun-shade in the cab	●
Tac-lock	●
Pre-arrangement for aerial work platform	●
Two floating forks	●
Pedal Inching-Control	-
Permanent four-wheel drive	●
All wheel steering	●
Three steering way	●
Standard tyres	
OPT tyres	
Hydraulically controlled stabilizers	
Turret rotation	
Tractor type approval	
Pneumatic brakes (ton)	
Hydraulic brakes (ton)	
PTO	
3-point rear linkage	

ROTO50.21SPLUSEE

- not available
- standard
- optional



D01 F31 HYDROLOGIC PNE SPEDIMATI

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Dimensions



	ROTO50.21SPLUSEE		
A - Length	6830		
C - Wheelbase	3070		
F - Ground clearance	370		
H - Width	2430		
M - Cabin width	1010		
P - Height	3120		
R - Turning radius at wheels	3850		
S - Turning radius at forks	6100		

Your Merlo dealer

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