

# Medium Capacity Telehandlers

Regulatory area: NA  
TF38.10TT

 **MERLO**



MODEL	TF38.10TT-136	TF38.10TTCS-136	TF38.10TTCS-145-CVT
A - Length (in)	187	187	187
C - Wheelbase (in)	111	111	111
F - Ground clearance (in)	18	18	18
H - Width (in)	91	91	91
M - Cab width (in)	40	40	40
P - Height (in)	100	100	100
S - Fork steering range (in)	189	189	189

MODEL	TF38.10TT-136	TF38.10TTCS-136	TF38.10TTCS-145-CVT
<b>PERFORMANCE</b>			
Unladen weight (lb)	19400	19400	19400
Maximum load capacity (lb)	8400	8400	8400
Lift height (ft)	32'	32'	32'
Maximum reach (ft)	21'	21'	21'
Boom side-shift (in)	+/- 7.1	+/- 7.1	+/- 7.1
Frame levelling (%)	+/- 8	+/- 8	+/- 8
Boom section	3	3	3
<b>POWERTRAIN</b>			
Engine	PERKINS 904	PERKINS 904	DEUTZ TCD 3.6
Range/Cylinders (l)	3.6/4	3.6/4	3.6/4
Engine power (kW/HP)	100/136	100/136	100/136
Anti-pollution technology	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF	STAGE V SCR DOC DPF
Reversible Fan	●	●	●
Maximum speed (mph)	25	25	25
Fuel tank capacity (gal)	37	37	37
AdBlue tank capacity (gal)	4.8	4	4.8
Hydrostatic transmission EPD	●	●	CVTronic
Electronic joystick	STD	STD	STD
Axles	Drop portal	Drop portal	Drop portal
Brakes	Dry discs	Dry discs	Dry discs
<b>HYDRAULIC</b>			
Delivery / pressure (gal/min-psi)	39.6-3626	39.6-3626	39.6-3626
Hydraulic oil tank capacity (gal)	26.4	26.4	26.4
<b>CAB</b>			
ASCS	Light	Light	Light
FOPS/ROPS Cab	●	●	●
Tilting cab	—	—	—
<b>CONFIGURATION</b>			
Hydropneumatic Suspension CS Merlo	●	●	●
Frame suspension	—	—	—
Permanent four-wheel drive	●	●	●
Three steering way	●	●	●
Standard tyres	400/70-24"	400/70-24"	400/70-24"
Hydraulically controlled stabilizers	—	—	—
Turret rotation	—	—	—
Differential lock	—	—	—
PTO (rpm)	—	—	—
3-point rear linkage (lb)	—	—	—

— NOT AVAILABLE • ● STANDARD • ○ OPTIONAL

Your Merlo dealer



**MERLO S.P.A.**

Via Nazionale, 9  
12010 S. Defendente di Cervasca, (Cuneo) Italia  
Tel. +39 0171 614111

info@merlo.com www.merlo.com

Release 30/04/2026 - 11:12

Data, specifications and illustrations contained in this document are indicative and not binding. Merlo S.p.A. pursues a policy of continuous research and development; therefore, products may differ from those described or be subject to change without prior notice. The products shown may include optional equipment.