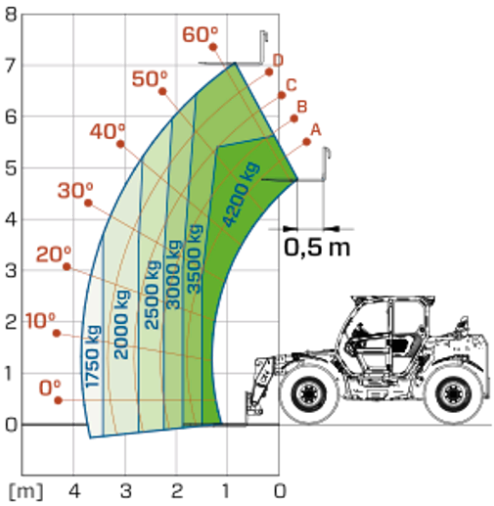
Medium Capacity Telehandlers

Regulatory area: EU

TF42.7





MODEL	TF42.7-116	TF42.7-136	TF42.7CS-116	TF42.7CS-136	TF42.7CS-136-CVT
Length (mm)	4740	4740	4740	4740	4740
Wheelbase (mm)	2840	2840	2840	2840	2840
Ground clearance (mm)	460	460	460	460	460
Width (mm)	2310	2310	2310	2310	2310
Cab width (mm)	1010	1010	1010	1010	1010
Height (mm)	2540	2540	2540	2540	2540
Fork steering range (mm)	4800	4800	4800	4800	4800

MODEL	TF42.7-116	TF42.7-136	TF42.7CS-116	TF42.7CS-136	TF42.7CS-136-CVT
PERFORMANCE					
Unladen weight (kg)	7900	7900	8100	8100	8100
Maximum load capacity (kg)	4200	4200	4200	4200	4200
Lift height (m)	7	7	7	7	7
Maximum reach (m)	3.8	3.8	3.8	3.8	3.8
Boom side-shift (mm)	—	—	—	—	—
Frame levelling (%)	—	—	—	—	—
Boom section	2	2	2	2	2
POWERTRAIN					
Engine	PERKINS 904	PERKINS 904	PERKINS 904	PERKINS 904	DEUTZ TCD3.6
Range/Cylinders (l)	3.6/4	3.6/4	3.6/4	3.6/4	3.6/4
Engine power (kW/HP)	85.9/116.8	100/136	85.9/116.8	100/136	100/136
Anti-pollution technology	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF	Stage V - SCR + DOC + DPF
Reversible Fan	●	●	●	●	●
Maximum speed (km/h)	40	40	40	40	40
Fuel tank capacity (l)	140	140	140	140	140
AdBlue tank capacity (l)	16	16	16	16	16
Hydrostatic transmission EPD	●	●	●	●	CVTronic
Electronic joystick	●	●	●	●	●
Axles	Drop portal	Drop portal	Drop portal	Drop portal	Drop portal
Brakes	Dry discs	Dry discs	Dry discs	Dry discs	Dry discs
HYDRAULIC					
Delivery / pressure (bar-l/min)	151-250	139-250	151-250	139-250	139-250
Hydraulic oil tank capacity (l)	100	100	100	100	100
CAB					
ASCS	Light	Light	Light	Light	Light
FOPS/ROPS Cab	●	●	●	●	●
Tilting cab	—	—	—	—	—
CONFIGURATION					
Hydropneumatic Suspension CS Merlo	—	—	●	●	●
Frame suspension	—	—	—	—	—
Permanent four-wheel drive	●	●	●	●	●
Three steering way	●	●	●	●	●
Standard tyres	400/70-24"	400/70-24"	400/70-24"	400/70-24"	400/70-24"
Hydraulically controlled stabilizers	—	—	—	—	—
Turret rotation	—	—	—	—	—
PTO (rpm)	—	—	—	—	—
3-point rear linkage (kg)	—	—	—	—	—

— 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 2/07/2026 - 11:53

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.