

High capacity telehandlers

Turbofarmer 50.8



**PERFORMANCE AND FEATURES****TF50.8TCS-170-CVTRONIC-HF****TF50.8T-170-HF****TF50.8TCS-170-HF****Performance**

Unladen weight (kg)	9750	9500	9700
Maximum load capacity (kg)	5000	5000	5000
Lift height (m)	7.8	7.8	7.8
Maximum reach (m)	4.2	4.2	4.2
Lift height at max. load capacity (m)	7.8	7.8	7.8
Reach at max. load capacity (m)	1.4	1.4	1.4
Load capacity at max. lift height (m)	5000	5000	5000
Load capacity at max. reach (kg)	1600	1600	1600
Boom side-shift (mm)	-	-	-
Frame levelling (%)	+/-8	+/-8	+/-8
Boom section	2	2	2

**Powertrain**

Engine	FPT NEF45	FPT NEF45	FPT NEF45
Range/Cylinders	4500/4	4500/4	4500/4
Engine power (kW/HP)	125/170	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)	40	40	40
Fuel tank capacity (l)	140	140	140
AdBlue tank capacity (l)	18	18	18
Hydrostatic transmission	CVTronic	YES - 2V	YES - 2V
EPD	PLUS	PLUS	PLUS
Joystick autoaccelerante	STD	STD	STD
Axles	Axial	Axial	Axial
Reducers	Epicyclic	Epicyclic	Epicyclic
Brakes	Dry discs	Dry discs	Dry discs

**Hydraulic**

Hydraulic pump	HF	HF	HF
Delivery / pressure (L / MIN - BAR)	160 - 250	160 - 250	160 - 250
Hydraulic oil tank capacity (l)	100	100	100
Auxiliary hydraulic service on boom	●	●	●
Rear service line	○	○	○

**Cab**

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

— not available
● standard
○ optional

Dimensions



	TF50.8TCS-170-CVTRONIC-HF	TF50.8T-170-HF	TF50.8TCS-170-HF
A - Length	4870	1170	1170
C - Wheelbase	3050	4360	4360
F - Ground clearance	440	440	440
H - Width	2400	2400	2400
M - Cabin width	1010	1010	1010
P - Height	2590	2530	2590
R - Turning radius at wheels	3830	3830	3830
S - Turning radius at forks	4800	4800	4800

Your Merlo dealer

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