TBF - XG

TURBOFARMER



MERLO

BUILDING WITH CONFIDENCE.

THE TURBOFARMER CONCEPT

A RECORD OF INNOVATION



IDEAS
THAT RADICALLY CHANGED AGRICULTURAL WORK

When traditional handling methods in arable or livestock farming can't get the job done, it's time for a new idea - the family of Turbofarmer telescopic handlers.

Turbofarmer telehandlers are the results of constant research and development, as well as Merlo's experience in innovative technologies. Their key features are safety, productivity and manoeuvrability.

Turbofarmer telehandlers were the first in Europe to be type-approved for on-road towing of agricultural trailers, and they defined a new concept of strength in action. Successful in even the most challenging handling and lifting operations, thanks to their tremendous off-highway performance, they deliver high profitability and versatility in agricultural work that would formally have required several specialised or larger machines.

The Turbofarmer family offers a wide variety of models, with load capacities up to 4,100 kg and lift heights close to 10 metres.

TECHNICAL DATA

LET FIGURES SPEAK FOR THEMSELVES

CHARACTERISTICS AND PERFORMANCE	P 34.7	P 34.10	P 37.10	P 40.7	P 36.7	P 36.10	P 38.10	P 41.7
Base model			**Base**	**Base**			**Base**	**Base**
Plus / L Plus model	**Plus**	**Plus**			**Plus**	**Plus**		
Top model	**Top**	**Top**	**Top**	**Top**	**Top**	**Top**	**Top**	**Top**
CS model			**CS**	**CS**				
Total weight unladen, with forks (kg)	6950	7450	7800	7450	7200	7950	8000	7450
Maximum load capacity (kg)	3400	3400	3700	4000	3600	3600	3800	4100
Maximum lift height (m)	7	9,7	9,7	7	7	9,7	9,7	7
Maximum forward reach (m)	3,6	6,3	6,3	3,6	3,6	6,2	6,2	3,6
Lift height at maximum load capacity (m)	7	5,5	5	6	7	8	8	7
Forward reach at maximum load capacity (m)	1,5	1,6	1,4	1,2	1,5	1,6	1,4	1,3
Load capacity at maximum lift height (kg)	3400	1200	1200	3500	3600	3000	3000	4100
Load capacity at maximum forward reach (kg)	1350	600	600	1350	1350	600	600	1350
Boom side-shift (mm)	-	-	-	-	±190	±265	±265	±190
Frame levelling (%)	-	-	-	-	±10	±10	±10	±10
Turbocharged engine (make/cylinder)	Deutz/4	Deutz/4	Deutz/4	Deutz/4	Deutz/4	Deutz/4	Deutz/4	Deutz/4
Tier 3 engine power (kW/HP)	88/120(1)	88/120(1)	103/140	103/140	74,9/102	74,9/102	103/140	103/140
Speed in 1st gear (kph)	11(2)	11(2)	11(2)	11(2)	11(2)	11(2)	11(2)	11(2)
Speed in 2nd gear (kph)	40	40	40	40	40	40	40	40
EAS hydropneumatic suspension	-	-	-	-	○	○	●(3)	●(3)
BSS hydropneumatic suspension	○	○	○	○	○(4)	○(4)	○(5)	○(5)
Fuel capacity (l)	155	155	155	155	155	155	155	155
Gear pump hydraulic system (bar-l/min)	210-102(6)	210-102(6)	-	-	210-102(6)	210-102(6)	-	-
Load-Sensing hydraulic system (bar-l/min)	210-132(7)	210-132(7)	210-132(5)	210-132(5)	210-132(7)	210-132(7)	210-132(5)	210-132(5)
LS Flow-Sharing hydraulic system (bar-l/min)	-	-	210-132(8)	210-132(8)	-	-	210-132(7)	210-132(7)
Hydraulic oil capacity (l)	105	105	105	105	105	105	105	105
Electrical circuit (V)	12	12	12	12	12	12	12	12
Battery (Ah)	100	100	100	100	100	100	100	100
FOPS (ISO 3449) and ROPS (ISO 3447) cab	●	●	●	●	●	●	●	●
CS hydropneumatic suspension	-	-	●(9)	●(9)	-	-	-	-
Electro-mechanical joystick control	●	●	●(5)	●(5)	●	●	●(5)	●(5)
Electronic joystick control	-	-	●(8)	●(8)	-	-	●(7)	●(7)
Tac-Lock attachment coupling	●	●	●	●	●	●	●	●
Auxiliary boom hydraulic service	●	●	●	●	●	●	●	●
Hydrostatic transmission	●	●	●	●	●	●	●	●
Finger-Touch direction reversing control	●	●	●	●	●	●	●	●
Inching-Control	●	●	●	●	●	●	●	●
Permanent four-wheel drive	●	●	●	●	●	●	●	●
Automatically locking parking brake	●	●	●	●	●	●	●	●
Four cab working lights (2 F + 2 R)	●	●	●	●	●	●	●	●
Manual battery isolator	●	●	●	●	●	●	●	●
Tyres	405/70-24	405/70-24	405/70-24	405/70-24	405/70-24	405/70-24	405/70-24	405/70-24
Shift-on-the-Go synchronised gearbox	○	○	○	○	○	○	○	○
Differential lock (F + R or only R)	○	○	○	○	○	○	○	○
Manual air conditioning system	○	○	○	○	○	○	○	○
Tractor type approval	○	○	○	○	○	○	○	○

(1) 74,9 kW (102 CV) on Plus model; (2) 16 kph with the Shift-on-the-Go optional gearbox; (3) Optional on base models; (4) BSS and EAS suspension can not be fitted together; (5) base model; (6) Plus model; (7) Top model; (8) Top and CS models; (9) CS model.

● Standard. ○ Optional.

The Turbofarmer telehandlers described in this document may feature optional or special equipments, which are not part of the standard equipment and are supplied upon request. Not all models or versions are available in all countries, due to regulatory restrictions. For further information on models and their equipment please contact your Merlo dealer. Information and technical data are those available at the time of printing. Merlo reserves the right to modify and update the contents of this document following technological evolution.