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MKT MERLO RANGE A503 0121

STABILIZED TELEHANDLERS	P30.10	P35.11	TF35.11TT-145	P40.12	P40.12Plus	P40.13	P40.13Plus	P40.14	P40.14Plus	P40.17	P40.17 Plus	P50.18 Plus
Max. capacity (kg)	3000	3500	3500	4000	4000	4000	4000	4000	4000	4000	4000	5000
Lifting height (m)	9,6	11	11	11,5	11,5	12,5	12,5	13,5	13,5	16,6	16,6	17,5
Operating weight (kg)	7600	9000	9000	9200	9200	9300	9300	9950	9950	11670	11670	13300
Standard tires	400/70-20	405/70-24	405/70-24	400/70-20	400/70-20	400/70-20	400/70-20	400/70-20	400/70-20	400/70-24	400/70-24	400/80-24
Width (mm)	2100	2310	2310	2240	2240	2240	2240	2240	2240	2240	2240	2480
Height (mm)	2120 (2020 L)	2530	2530	2425	2425	2425	2425	2425	2425	2500	2500	2535
Length (mm)	4700	5150	5150	5010	5010	5410	5410	5750	5750	5970	5970	6190
Boom side shift (mm)	-	+/- 310	+/- 310	+/- 330	+/- 330	+/- 340	+/- 340	+/- 345	+/- 345	+/- 435	+/- 435	+/- 445
Frame levelling (%)	-	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8
Engine	Kohler 2504 TCR	Kohler 2504 TCR	Deutz TCD3.6	Deutz TD2.9	Deutz TCD3.6	Deutz TD2.9	Deutz TCD3.6	Deutz TD2.9	Deutz TCD3.6	Deutz TD2.9	Deutz TCD3.6	Deutz TCD3.6
Displacement/Cylinders	2500/4	2500/4	3600/4	2900/4	3600/4	2900/4	3600/4	2900/4	3600/4	2900/4	3600/4	3600/4
Engine power (kW/HP)	55,4/75,1	55,4/75,1	105/143	55,4/75	75/102	55,4/75	75/102	55,4/75	75/102	55,4/75	75/102	75/102
Emission standard	Stage V - DOC + DPF	Stage V - DOC + DPF	Stage V, SCR+DPF	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage IV, SCR+DOC
EPD (Eco Power Drive)	-	-	●	●	●	●	●	●	●	●	●	●
Number of speed	2	2	2	2	2	2	2	2	2	2	2	2
Max. speed (km/h)	40	33	40	33	40	33	40	33	40	33	40	40
Hydraulic pump	LS+FS	LS + FS	LS + FS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Flow / pressure (l/min - bar)	117-210	117-210	150-250	104-250	104-250	104-250	104-250	104-250	104-250	104-250	104-250	104-250
ASCS (Adaptive Stability Control System)	Light	Light	Light	Light	Full	Light	Full	Light	Full	Light	Full	Full
ROPS - FOPS Cab	●	●	●	●	●	●	●	●	●	●	●	●
Cab suspension	-	-	-	-	-	-	-	-	-	-	-	-

HIGH CAPACITY TELEHANDLERS	P72.10PLUS	P50.18HM	P65.14HM	P120.10HM	TF50.8T-170	TF50.8TCS-170-CVT	TF65.9T-170-HF	TF65.9TCS-170-HF	TF65.9TCS-170 CVT-HF	TF45.11T-170	TF45.11TCS-170-CVT
Max. capacity (kg)	7200	5000	6500	12000	5000	5000	6500	6500	6500	4500	4500
Lifting height (m)	9,55	17,9	13,9	9,8	7,8	7,8	8,8	8,8	8,8	10,6	10,6
Operating weight (kg)	11300	16250	15800	16200	9450	9650	11000	11200	11250	9850	10050
Standard tires	400/70-24	17.5-25"	17.5-25"	17.5-25"	440/80R24	440/80R24	500/70-24	500/70-24	500/70-24	440/80R24	440/80R24
Width (mm)	2240	2520	2520	2520	2350	2350	2400	2400	2400	2350	2350
Height (mm)	2500	2850	2850	2850	2510	2510	2510	2510	2510	2510	2510
Length (mm)	5480	6180	5910	5720	4835	4835	5260	5260	5260	4970	4970
Boom side shift (mm)	+/- 250	+/- 440	+/- 375	+/- 185	-	-	-	-	-	-	-
Frame levelling (%)	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8
Engine	Deutz TCD3.6	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45
Displacement/Cylinders	3600/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4
Engine power (kW/HP)	75/102	125/170	125/170	125/170	125/170	125/170	125/170	125/170	125/170	125/170	125/170
Emission standard	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF	Stage IV, SCR+DOC	Stage IV, SCR+DOC
EPD (Eco Power Drive)	●	Top	Top	Top	Top	Top	Top	Top	Top	Top	Top
Number of speed	2	CVTronic	CVTronic	CVTronic	2	CVTronic	2	2	CVTronic	2	CVTronic
Max. speed (km/h)	40	40	40	40	40	40	40	40	40	40	40
Hydraulic pump	LS	LS + FS	LS + FS	LS + FS	LS+FS	LS+FS	LS+FS - HF	LS+FS - HF	LS+FS - HF	LS+FS	LS+FS
Flow / pressure (l/min - bar)	104-250	119-210	119-210	119-210	150-210	150-210	160-250	160-250	160-250	150-210	150-210
ASCS	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full
ROPS - FOPS Cab	●	●	●	●	●	●	●	●	●	●	●
Cab suspension	-	-	-	-	-	-	●	●	●	-	●

ROTATING TELEHANDLERS	ROTO 40.16	ROTO 40.16 S	ROTO 40.18	ROTO 40.18 S	ROTO50.21	ROTO50.21S	ROTO50.21SPlus	ROTO50.26	ROTO50.26S	ROTO50.26SPlus	ROTO50.30SPlus	ROTO70.24SPlus	ROTO 50.35 Plus CVT	ROTO 70.28 Plus CVT
Max. capacity (kg)	4000	4000	4000	4000	4950	4950	4950	4950	4950	4950	4950	7000	4950	7000
Lifting height (m)	15,8	15,8	17,7	17,7	21	21	21	25,9	25,9	25,9	29,2	24,2	34	28
Operating weight (kg)	12900	13000	13500	13600	15800	15800	16500	16600	16600	17300	20500	20200	23350	22750
Standard tires	400/70-20	400/70-20	400/70-20	400/70-20	18-22.5	18-22.5	18-22.5	18-22.5	18-22.5	18-22.5	445/65 - 22,5	445/65-R22.5	445/80 R 25	445/80 R 25
Width (mm)	2240	2240	2240	2240	2240	2240	2430	2430	2430	2430	2490	2490	2540	2540
Height (mm)	2980	2980	2980	2980	3120	3120	3120	3120	3120	3120	3160	3160	3325	3325
Length (mm)	6280	6280	6030	6030	6830	6830	6830	7150	7150	7150	7790	7545	8590	8590
Frame levelling (%)	-	+/-12, +/-4	-	+/-12, +/-4	-	+/-12, +/-4	+/-12, +/-4	-	+/-12, +/-4	+/-12, +/-4	+/-12, +/-4	+/-12, +/-4	+/-12, +/-4	+/-12, +/-4
Engine	Deutz TCD3.6	Deutz TCD3.6	Deutz TCD3.6	Deutz TCD3.6	FPT NEF45	FPT NEF45	FPT NEF45	Deutz TCD3.6	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45
Displacement/Cylinders	3600/4	3600/4	3600/4	3600/4	3600/4	4500/4	4500/4	3600/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4
Engine power (kW/HP)	55,4/75	85/115	55,4/75	85/115	55,4/75	125/170	125/170	55,4/75	125/170	125/170	125/170	125/170	125/170	125/170
Emission standard	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage V - DOC + DPF	Stage IV, SCR+DOC	Stage V, DOC+DPF	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF	Stage V, DOC+DPF	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF
EPD (Eco Power Drive)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Number of speed	2	2	2	2	2	2	2	2	2	2	2	2	CVTronic	CVTronic
Max. speed (km/h)	25	40	25	40	25	40	40	25	40	40	40	40	40	40
Hydraulic pump	LS + FS	LS + FS	LS + FS	LS + FS	LS + FS	LS + FS	2 - LS + FS	LS + FS	LS + FS	2 - LS + FS	2 - LS + FS	2 - LS + FS	2 - LS + FS	2 - LS + FS
Flow / pressure (l/min - bar)	103,5 - 250	103,5 - 250	103,5 - 250	103,5 - 250	103,5 - 250	138 - 250	138+100 - 250/230	103,5 - 250	138 - 250	138+100 - 250/230	138+100 - 250/230	138+100 - 250/230	158+100 - 260	158+100 - 260
ASCS (Adaptive Stability Control System)	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full
ROPS - FOPS Cab	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tilting cab	-	-	-	-	-	-	●	-	-	●	●	●	●	●
Turret rotation	415°	415°	415°	415°	600°	360° - Continuous	360° - Continuous	600°	360° - Continuous	360° - Continuous	360° - Continuous	360° - Continuous	360° - Continuous	360° - Continuous

TOOL-HANDLER TRACTORS	MM135MC	MM135MC-CS	MM160MC-CS	MM250X
Engine	Deutz	Deutz	Deutz	Deutz
Displacement/Cylinders	3600 / 4	3600 / 4	4100 / 4	6100 / 6
Engine power (kW/HP)	100 - 135	100 - 135	115 - 156	180-241
Emission standard	Stage IV, SCR+DPF	Stage IV, SCR+DPF	Stage IV, SCR+DPF	Stage V
Hydrostatic transmission	●	●	●	●
Number of speed	2	2	2	2
Max. speed (km/h)	40	40	40	40
Epicyclic reducers	●	●	●	●
4WD and 4 steering wheel	●	●	●	●
Cab suspension	-	●	●	-
Fuel tank (l)	130	130	130	260
Standard tires	500/70-R24	500/70-R24	500/70-R24	600/55-26.5
Operating weight (kg)	7800	8200	8400	8000
Height (mm)	3070	3070	3070	3060
Width (mm)	2470	2470	2470	2470
Length (mm)	5518	5518	5518	5330
3-point linkage capacity (kg)	2500	2500	2500	4500
PTO	○	○	○	-
Hydraulic power take off	●	●	●	●
Flow / pressure (l/min - bar)	150/350	150/350	150/350	285/420

CONCRETE MIXERS	DBM 2500	DBM 3500
Drum volume (l)	3500	5000
Concrete yield capacity (l)	2500	3500
Operating weight (kg)	6100	7200
Standard tires	405/70-20	500/45-20
Width (mm)	2300	2300
Height (mm)	3660	3940
Max. speed (km/h)	5460	5460
Max. unloading height (mm)	1715	2100
Water tank (l)	950	950
Bucket capacity (l)	700	700
Engine	Deutz	Deutz
Displacement/Cylinders	3600/4	3600/4
Engine power (kW/HP)	75/101	75/101
Emission standard	Stage IV, DOC+SCR	Stage IV, DOC+SCR
EPD	●	●
Max. speed (km/h)	40	40
Drum rotation speed	0 ÷ 26	0 ÷ 18
ROPS Cab	●	●
4WD and 4 steering wheel	●	●
Extension chute	2	2

TRACKED CARRIERS	CINGO M500	CINGO M800TD	CINGO M8.3TD EVO	CINGO M8.3EVO	CINGO M12.3EVO	CINGO M4.3TURBO
Max. capacity (kg)	500	800	800	800	1200	400
Engine	Honda	Honda	Kubota	Kubota	Kubota	Kubota
Engine power (HP)	5,5	12	17</			

