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MKT MERLO RANGE A503 0120

STABILIZED TELEHANDLERS	P30.10	P35.11 TT	P40.12	P40.12 PLUS	P40.13	P40.13 PLUS	P40.14	P40.14 PLUS	P40.17	P40.17 PLUS	P50.18 PLUS
Max. capacity (kg)	3000	3500	4000	4000	4000	4000	4000	4000	4000	4000	5000
Lifting height (m)	9,6	11	11,5	11,5	12,5	12,5	13,5	13,5	16,6	16,6	17,5
Operating weight (kg)	7100	8900	9200	9200	9300	9300	9950	9950	11670	11670	13300
Standard tires	400/70-20	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	2290	2240	2240	2240	2240	2240	2240	2430	2430	2540
Height (mm)	2120 (2020 L)	2530	2425	2425	2425	2425	2425	2425	2500	2500	2535
Length (mm)	4600	5055	5010	5010	5410	5410	5750	5750	5970	5970	6190
Boom side shift (mm)	-	+/- 310	+/- 330	+/- 330	+/- 340	+/- 340	+/- 345	+/- 345	+/- 435	+/- 435	+/- 445
Frame levelling (%)	-	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8
Engine	Deutz TD2.9	Deutz TD2.9	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	2900/4	2900/4	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	55,4/75	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 - 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
Max. speed (km/h)	40	33	33	40	33	40	33	40	33	40	40
Hydraulic pump	LS+FS	LS	LS	LS	LS	LS	LS	LS	LS	LS	LS
Flow / pressure (l/min - bar)	117-210	104-210	104-250	104-250	104-250	104-250	104-250	104-250	104-250	104-250	104-250
ROPS - FOPS Cab	●	●	●	●	●	●	●	●	●	●	●
Cab suspension	-	-	-	-	-	-	-	-	-	-	-

HIGH CAPACITY TELEHANDLERS	P50.18 HM	P65.14 HM	P72.10 PLUS	P120.10 HM	TF45.11-170 T	TF45.11-170 T CS CVTRONIC	TF50.8-170 T	TF50.8-170 T CS CVTRONIC	TF65.9	TF65.9 T CS	TF65.9 T CS CVTRONIC
Max. capacity (kg)	5000	6500	7200	12000	4500	4500	5000	5000	6500	6500	6500
Lifting height (m)	17,9	13,9	9,55	9,8	10,6	10,6	7,8	7,8	8,8	8,8	8,8
Operating weight (kg)	16250	15800	11300	16200	9850	10050	9450	9650	11500	11500	11500
Standard tires	17.5-25"	17.5-25"	400/70-24	17.5-25"	440/80R24	440/80R24	440/80R24	440/80R24	460/70-R24	460/70-R24	460/70-R24
Width (mm)	2520	2520	2240	2520	2350	2350	2350	2350	2400	2400	2400
Height (mm)	2850	2850	2500	2850	2510	2510	2510	2510	2530	2530	2530
Length (mm)	6180	5910	5480	5720	4970	4970	4835	4835	5280	5280	5280
Boom side shift (mm)	+/- 440	+/- 375	+/- 250	+/- 185	-	-	-	-	-	-	-
Frame levelling (%)	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	+/- 8	-	+/- 8	+/- 8
Engine	FPT NEF45	FPT NEF45	Deutz TCD3.6	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45	FPT NEF45
Displacement/Cylinders	4500/4	4500/4	3600/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4	4500/4
Engine power (kW/HP)	125/170	125/170	75/102	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 IV, SCR+DOC	Stage IV, SCR+DOC	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF	Stage V, SCR+DOC+DPF
EPD (Eco Power Drive)	Top	Top	●	Top	Top	Top	Top	Top	Top	Top	Top
Number of speed	CVT	CVT	2	CVT	2	CVT	2	CVT	2	2	CVT
Max. speed (km/h)	40	40	40	40	40	40	40	40	40	40	40
Hydraulic pump	LS + FS	LS + FS	LS	LS + FS	LS+FS	LS+FS	LS+FS	LS+FS	LS+FS	LS+FS	LS+FS
Flow / pressure (l/min - bar)	119 - 210	119 - 210	104 - 250	119 - 210	150 - 210	150 - 210	150 - 210	150 - 210	166 - 250	166 - 250	166 - 250
ROPS - FOPS Cab	●	●	●	●	●	●	●	●	●	●	●
Cab suspension	-	-	-	-	-	●	-	-	●	●	●

ROTATING TELEHANDLERS	ROTO40.16	ROTO40.16 S	ROTO40.18	ROTO40.18 S	ROTO50.21	ROTO50.21 S	ROTO50.21 S PLUS	ROTO50.26	ROTO50.26 S	ROTO50.26 S PLUS	ROTO50.30 S PLUS	ROTO50.35 S PLUS	ROTO70.24 S PLUS	ROTO70.28 S PLUS
Max. capacity (kg)	4000	4000	4000	4000	4950	4950	4950	4950	4950	4950	4950	4950	7000	7000
Lifting height (m)	15,8	15,8	17,7	17,7	21	21	21	25,9	25,9	25,9	29,2	34	24,2	28
Operating weight (kg)	12900	13000	13500	13600	15800	15800	16500	16600	16600	17300	20500	23350	20200	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	445/80 R 25	445/65-R22.5	445/80 R 25
Width (mm)	2240	2240	2240	2240	2430	2430	2430	2430	2430	2430	2490	2540	2490	2540
Height (mm)	3010	3010	3010	3010	3120	3120	3120	3120	3120	3120	3170	3325	3170	3325
Length (mm)	6280	6280	6030	6030	6830	6830	6830	7150	7150	7150	7790	8590	7545	8310
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	Deutz TCD3.6	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 IV, SCR+DOC	Stage IV, SCR+DOC	Stage V, DOC+DPF	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	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	CVT	2	CVT
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	158+100 - 260	138+100 - 250/230	158+100 - 260
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	183-250
Emission standard	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV, SCR+DOC	Stage IV
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	500/70-24	500/70-R24	500/70-R24	600/55-26.5
Operating weight (kg)	7800	8200	8400	8000
Height (mm)	3070	3070	3070	3000
Width (mm)	2400	2400	2400	2400-2550
Length (mm)	5518	5518	5518	5050
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
Length (mm)	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-PLUS	CINGO M8.3PLUS	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	17	21	33
Fuel	Petrol	Petrol	Diesel	Diesel	Diesel	Diesel
Electric starter	-	●	●	●	●	●
Max. speed (km/h)	3,5	2,5 - 4	5	5	5	6
Operating weight (kg)	230	480	510	510	720	798
Width (mm)	690	800	800	800	1000	679 - 929
Length (mm)	1471	1640	1800	1620	1800	2098
Rubber track dimensions	160 x 72 x 33	180 x 72 x 36	180 x 72 x 36	180 x 72 x 36	230 x 72 x 40	180 x 72 x 41
Transmission control	Hydraulic	Hydraulic	Mechanic	M		

