

Range



MANITOU

MANITOU

MSI "Evolution"

2000 kg to 3500 kg

Semi - industrial

Hydrostatic transmission



Available in lowered version (BUGGIE) or gas (MSI G) from 2 to 3 tons

Model	MSI 20 T	MSI 25 T	MSI 30 T	MSI 35 T
Capacity (kg)	2 000	2 500	3 000	3 500
Standard lift height (m)	3.30	3.30	3.30	3.30
Front tyres	275/70 R 22,5 G 391			
Rear tyres	7.00 X 12 14 PR IC 40			
Engine (ISO/TR 14396) (HP/kw)	Perkins 60/44.7			
Transmission	Hydrostatic			
Overall height (m)	2.30	2.30	2.30	2.30
Overall length up to carriage (m)	2.95	2.95	2.98	3.03
Overall width (m)	1.32	1.32	1.32	1.32
Alley width/Turning radius (m)	4.53/2.31	4.53/2.31	4.56/2.31	4.60/2.33
Weight unladen (kg)	3 840	4 150	4 530	4 980

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MSI H/MI H

4000 kg & 7000 kg
Semi-industrial/Industrial
Hydrostatic transmission



Model	MSI 40 H	MSI 50 H	MI 60 H	MI 70 H
Capacity (kg)	4 000	5 000	6 000	7 000
Standard lift height (m)	3.70	3.70	4.00	4.00
Front tyres	315/70 R 22.5 RHS		355/65 R15 XZM	
Rear tyres	225/75 R15 XZM		8.25 R15 XZM 153 A5	
Engine (ISO/TR 14396) (HP/kw)	Perkins 84/61.5		Perkins 101/74.5	
Transmission	Hydrostatic		Hydrostatic	
Overall height (m)	2.77	2.77	3.39	3.39
Overall length up to carriage (m)	3.29	3.37	3.54	3.54
Overall width (m)	1.73	1.73	2.01	2.01
Alley width/Turning radius (m)	4.96/2.86	5.24/2.95	5.28/3.46	5.28/3.46
Weight unladen (kg)	7 075	8 200	9 070	9 750

MANITOU

MH 20/25 - 4 T Buggie "Evolution"

2000 kg/2500 kg

Semi rough-terrain

Hydrostatic transmission



Model	MH 20*	MH 25*
Capacity (kg)	2 000	2 500
Standard lift height (m)	3.30	3.30
Front tyres	280/80 R20 XMCL	
Rear tyres	27.10 - 12 IC30	
Engine (ISO/TR 14396) (HP/kw)	Perkins 60/44.7*	
Transmission	Hydrostatic	
Overall height (m)	1.99	1.99
Overall length up to carriage (m)	2.95	2.95
Overall width (m)	1.45	1.45
Alley width/Turning radius (m)	5.09/3.04	5.09/3.04
Weight unladen (kg)	4 040	4 340

*Turbo engine

MANITOU

MC

3000 kg to 7000 kg

Yard truck

Torque convertor



Model	MC 30	MC 40*	MC 50*	MC 60*	MC 70*
Capacity (kg)	3 000	4 000	5 000	6 000	7 000
Standard lift height (m)	3.70	3.70	3.70	4.00	4.00
Front tyres	14.5R20 MTP80	445/65 R 19.5 XZY		18 R 19.5 XF	
Rear tyres	10 R 17.5 G 291			9.5 R 19.5 XZA	
Engine (ISO/TR 14396) (HP/kw)	Perkins 84/ 61.5			Perkins 84/61.5	
Transmission	Torque convertor				
Overall height (m)	2.72	2.86	2.86	3.41	3.41
Overall length up to carriage (m)	3.44	3.75	3.76	3.96	4.16
Overall width (m)	1.90	2.04	2.04	2.15	2.15
Alley width/Turning radius (m)	5.30/2.91	5.56/3.40	5.57/3.40	6.50/3.63	6.72/4.21
Weight unladen (kg)	5 090	6 535	7 495	9 055	9 700

*Powershift

MANITOU

M2/M4

2600 kg to 5000 kg
Rough-terrain
Torque convertor



Model	2 WHEEL DRIVE		4 WHEEL DRIVE			
	M 26.2	M 30.2	M 26.4	M 30.4	M 40.4	M 50.4
Capacity (kg)	2 600	3 000	2 600	3 000	4 000	5 000
Standard lift height (m)	3·70	3·70	3·70	3·70	3·70	3·70
Front tyres	16.5/85 - 24 SGI 8 PR				340/80 R18 XMCL	
Rear tyres	9.00 - 16	10 R 17.5	10.5 x 18 MPT		12.5/80 R 18	
Engine (ISO/TR 14396) (HP/kw)	Perkins 84 /61.5					
Transmission	Torque convertor					
Overall height (m)	2.79	2.79	2.92	2.92	2.91	2.91
Overall length up to carriage (m)	3.63	3.63	3.64	3.64	3.75	3.76
Overall width (m)	2.11	2.11	2.11	2.11	2.07	2.07
Alley width/Turning radius (m)	6.14/3.73		6.28/3.93		6.32/3.99	
Weight unladen (kg)	5 800	6 100	5 880	6 180	6 700	7 660

MANITOU

MA

6000 kg & 7000 kg
Rough-terrain articulated
Hydrostatic transmission



Model	MA 460	MA 470
Capacity (kg)	6 000	7 000
Standard lift height (m)	4.00	4.00
Front tyres	18R 22.5 XF	
Rear tyres	18R 22.5 XF	
Engine (ISO/TR 14396) (HP/kw)	Perkins 101/74.5*	
Transmission	Hydrostatic	
Overall height (m)	3.41	3.41
Overall length up to carriage (m)	4.52	4.52
Overall width (m)	2.18	2.18
Alley width/Turning radius (m)	7.30/4.99	7.30/4.99
Weight unladen (kg)	9 200	9 670

*Engine Turbo



1500 kg & 2000 kg
Light, compact
Manoeuvrable and transportable*



Model	SLT 415 B	SLT 420 B
Capacity (kg)	1 500	2 000
Standard lift height (m)	3.93	4.02
Front tyres	10 x 16.5 10 PR SKS	31x13-16.5
Rear tyre	10 x 16.5 10 PR SKS	31x13-16.5
Engine (TR 14396) (HP/kw)	50/38	50/38
Transmission	Hydrostatic	Hydrostatic
Overall height (m)	1.90	1.90
Overall length up to carriage (m)	3.03	3.09
Overall width (m)	1.66	1.66
Alley width/Turning radius (m)	4.24/2.22	4.24/2.22
Weight unladen (kg)	2 570	3 085

* according to the model and the standard in force in the country

MANISCOPIC

4.00 m

2000 kg & 2500 kg



Model	BT 420	BT 425
Nominal capacity (kg)	2 000	2 500
Max. lift height/forward reach (m)	3.86	3.90
Engine (ISO/TR 14396) (HP/kw)	50/38	
Turning radius (m)	3.24	3.24
Outside turning radius (with forks) (m)	3.51	3.51
Overall height/width (m)	1.98/1.44	1.98/1.44
Overall length up to carriage (m)	3.55	3.38
Front tyres	11.5/80 15.3 12 PR	11.5/80 15.3 12 PR
Rear tyres	28 x 9.15 IC 40	28 x 9.15 IC 40
Drawbar pull (daN)	2 900	2 900
Weight (with forks) (kg)	4 475	4 435

MANISCOPIC

4.97 m

2300 kg
Compact



Model	MLT 523 T	MT 523
Nominal capacity (kg)	2 300	2 300
Max. lift height/forward reach (m)	4.97/2.80	4.97/2.80
Engine (ISO/TR 14396) (HP/kw)	75/55	58/43
Turning radius (m)	3.08	2.87
Outside turning radius (with forks) (m)	4.13	4.13
Overall height/width (m)	1.98/1.80	1.98/1.80
Overall length up to carriage (m)	4.20	4.20
Front tyres	12.5-80 -18 SGI	12.0 - 18
Rear tyres	12.5-80 -18 SGI	12.0 - 18
Drawbar pull (daN)	3 400	3 400
Weight (with forks) (kg)	5 200	5 020

MANISCOPIC

5.50 m/5.55 m

2700 kg



Model	MLT 627 T 20"	MLT 627 T 24"
Nominal capacity (kg)	2 700	2 700
Max. lift height/forward reach (m)	5.50/3.20	5.55/3.12
Engine (ISO/TR 14396) (HP/kw)	101/74.5	101/74.5
Turning radius (m)	3.64	3.70
Outside turning radius (with forks) (m)	4.68	4.68
Overall height/width (m)	2.06-2.21/2.01	2.30/2.17
Overall length up to carriage (m)	4.68	4.68
Front tyres	17.5 LR 24 XM 27	17.5 LR 24 XM 27
Rear tyres	17.5 LR 24 XM 27	17.5 LR 24 XM 27
Drawbar pull (daN)	7 100	7 100
Weight (with forks) (kg)	5 935	5 935

MANISCOPIC

5.13 m

2800 kg
Articulated chassis



Model	MLA 628 -120 LSU PS
Nominal capacity (kg)	2 800
Max. lift height/forward reach (m)	5.13
Engine (ISO/TR 14396) (HP/kw)	123/90.5
Turning radius (m)	4.25
Outside turning radius (with forks) (m)	4.40
Overall height/width (m)	2.64/2.22
Overall length up to carriage (m)	5.22
Front tyres	17.5 LR 24 XM 27
Rear tyres	17.5 LR 24 XM 27
Drawbar pull (daN)	9 400
Weight (with forks) (kg)	6 730

MANISCOPIC

6.05 m

3000 kg & 3400 kg



Model	MLT 630 T	MLT 634 T LSU MLT 634 - 120 LSU MLT 634 - 120 LSU PS
Nominal capacity (kg)	3 000	3 400
Max. lift height/forward reach (m)	6.05/3.25	6.05/3.25
Engine (ISO/TR 14396) (HP/kw)	101/74.5	101/74.5 Turbo 120 124/91
Turning radius (m)	3.70	3.70
Outside turning radius (with forks) (m)	4.63	4.63
Overall height/width (m)	2.30/2.32	2.30/2.32
Overall length up to carriage (m)	4.49	4.57
Front tyres	460/70 24 XMCL	460/70 24 XMCL
Rear tyres	460/70 24 XMCL	460/70 24 XMCL
Drawbar pull (daN)	7 500	8 600
Weight (with forks) (kg)	6 450	6 950

MANISCOPIC

6.90 m

3100 kg/3500 kg



Model	MLT 731 T	MLT 735 - 120 LSU
	MLT 731 T LSU	MLT 735 - 120 LSU PS
Nominal capacity (kg)	3 100	3 500
Max. lift height/forward reach (m)	6.90/4.16	6.90/3.90
Engine (ISO/TR 14396) (HP/kw)	101/74.5	124/91
Turning radius (m)	3.70	3.85
Outside turning radius (with forks) (m)	4.86	4.86
Overall height/width (m)	2.30/2.32	2.30/2.32
Overall length up to carriage (m)	4.87	4.79
Front tyres	460/70 24 XMCL	460/70 24 XMCL
Rear tyres	460/70 24 XMCL	460/70 24 XMCL
Drawbar pull (daN)	8 600	8 190
Weight (with forks) (kg)	6 975	6 640

MANISCOPIC

6.90 m

4100 kg/4200 kg



Model	MLT 741 - 120 LSU MLT 741 - 120 LSU PS	MLT 742 MLT 742 HTLSU
Nominal capacity (kg)	4 100	4 200
Max. lift height/forward reach (m)	6.90/3.93	6.90/3.93
Engine (ISO/TR 14396) (HP/kw)	124/91	101/74.5
Turning radius (m)	3.85	3.85
Outside turning radius (with forks) (m)	4.86	4.86
Overall height/width (m)	2.30/2.32	2.30/2.32
Overall length up to carriage (m)	4.91	4.80
Front tyres	460/70 24 XMCL	460/70 24 XMCL
Rear tyres	460/70 24 XMCL	460/70 24 XMCL
Drawbar pull (daN)	9 100	9 300/8 350
Weight (with forks) (kg)	7 365	7 585/7 600

MANISCOPIC

9.60 m

3500 kg



Model	MLT 1035 LT LSU
Nominal capacity (kg)	3 500
Max. lift height/forward reach (m)	9.60/7.06
Engine (ISO/TR 14396) (HP/kw)	101/74.5
Turning radius (m)	3.85
Outside turning radius (with forks) (m)	4.98
Overall height/width (m)	2.30/2.32
Overall length up to carriage (m)	5.09
Front tyres	460/70 24 XMCL
Rear tyres	460/70 24 XMCL
Drawbar pull (daN)	8 800
Weight (with forks) (kg)	7 874

MANISCOPIC

7.55 m/8.97 m

4000 kg & 4500 kg



Model	MLT 845-120 LSU	MLT 940 L - 120 LSU
Nominal capacity (kg)	4 500	4 000
Max. lift height/forward reach (m)	7.55/4.57	8.97/5.32
Engine (ISO/TR 14396) (HP/kw)	124/91	124/91
Turning radius (m)	4.15	4.15
Outside turning radius (with forks) (m)	5.17	5.50
Overall height/width (m)	2.58/2.42	2.58/2.42
Overall length up to carriage (m)	5.22	5.65
Front tyres	460/70 24 XMCL	460/70 24 XMCL
Rear tyres	460/70 24 XMCL	460/70 24 XMCL
Drawbar pull (daN)	9 000	9 700
Weight (with forks) (kg)	8 645	9 215

MANISCOPIC

6.30 m

2800 kg

4 wheel steer



Model	MVT 628 T
Nominal capacity (kg)	2 800
Max. lift height/forward reach (m)	6.30/3.53
Engine (ISO/TR 14396) (HP/kw)	101/74.5
Turning radius (m)	3.91
Outside turning radius (with forks) (m)	4.60
Overall height/width (m)	1.99/1.99
Overall length up to carriage (m)	4.43
Front tyres	400/70 - 20 TR 01
Rear tyres	400/70 - 20 TR 01
Drawbar pull (daN)	5 700
Weight (with forks) (kg)	5 600

*Load centre : 600 mm

MANISCOPIC

5.90 m to 8.10 m

6000 kg at 7500 kg
4 wheel steer



Model	MHT 860 T*	MVT 665 T*	MVT 675 T*
Nominal capacity (kg)	6 000	6 500	7 500
Max. lift height/forward reach (m)	8.10/4.80	6.00/3.73	5.90/3.70
Engine (ISO/TR 14396) (HP/kw)	132/97	101/74.5	101/74.5
Turning radius (m)	3.75	3.34	3.34
Outside turning radius (with forks) (m)	4.85	4.45	4.45
Overall height/width (m)	2.45/2.40	2.51/2.44	2.51/2.44
Overall length up to carriage (m)	5.36	4.67	4.67
Front tyres	18-22.5 16 PR	18/22.5 T35	18/22.5 XF
Rear tyres	18-22.5 16 PR	18/22.5 T35	18/22.5 XF
Drawbar pull (daN)	11 200	10 100	10 100
Weight (with forks) (kg)	10 735	11 400	12 100

*Load centre : 600 mm

MANISCOPIC

7.00 m/9.62 m

12000 kg at 16000 kg

4 wheel steer



Model	MHT 10120 L*	MHT 7140*	MHT 10160 L*
Nominal capacity (kg)	12 000	14 000	16 000
Max. lift height/forward reach (m)	9.62/5.35	7.00/3.50	9.62/5.50
Engine (ISO/TR 14396) (HP/kw)	175/129	170/125	175/129
Turning radius (m)	4.52	5.39	5.68
Outside turning radius (with forks) (m)	5.87	6.52	6.81
Overall height/width (m)	2.90/2.40	2.93/2.48	2.90/2.50
Overall length up to carriage (m)	5.95	5.98	6.60
Front tyres	17.5 - 25	16.00 R25 XRB	16.00 R25
Rear tyres	17.5 - 25	16.00 R25 XRB	16.00 R25
Drawbar pull (daN)	11 300	15 500	15 500
Weight (with forks) (kg)	15 900	20 750	22 300

*Load centre : 600 mm

MANISCOPIC

6.90 m/9.00 m

3200 kg



Model	MT 732	MT 932
Nominal capacity (kg)	3 200	3 200
Max. lift height/forward reach (m)	6.90/4.16	9.00/6.58
Engine (ISO/TR 14396) (HP/kw)	84/61.5	84/61.5
Turning radius (m)	3.66	3.66
Outside turning radius (with forks) (m)	4.80	4.76
Overall height/width (m)	2.30/2.26	2.30/2.26
Overall length up to carriage (m)	4.76	4.71
Front tyres	400/80 24	400/80 24
Rear tyres	400/80 24	400/80 24
Drawbar pull (daN)	8 400	8 400
Weight (with forks) (kg)	7 250	7 640

MANISCOPIC

9.98 m/9.61 m

3000 kg & 3300 kg
4 wheel steer



Model	MT 1030 S/ST	MT 1033 HLT
Nominal capacity (kg)	3 000	3 300
Max. lift height/forward reach (m)	9.98/7.15	9.61/7.06
Engine (ISO/TR 14396) (HP/kw)	84/61.5 - 101/74.5	101/74.5
Turning radius (m)	3.75	3.82
Outside turning radius (with forks) (m)	4.95	4.92
Overall height/width (m)	2.30/2.26	2.30/2.26
Overall length up to carriage (m)	4.99	4.96
Front tyres	400/80 - 24	400/80 - 24
Rear tyres	400/80 - 24	400/80 - 24
Drawbar pull (daN)	8 200/8 300	8 300
Weight (with forks) (kg)	7 470	7 845

MANISCOPIC

12 m/14 m

3500 kg

Stabilizers/Levelling system



Model	MT 1235 S/ST	MT 1435 SL/SLT	MT 1435 H SLT*
Nominal capacity (kg)	3 500	3 500	3 500
Max. lift height/forward reach (m)	12/8.36	13.60/9.80	13.60/9.80
Engine (ISO/TR 14396) (HP/kw)	84/61.5 - 101/74.5	84/61.5 - 101/74.5	101/74.5
Turning radius (m)	4.15	4.16	4.16
Outside turning radius (with forks) (m)	5.39	5.82	5.82
Overall height/width (m)	2.57/2.40	2.58/2.33	2.58/2.33
Overall length up to carriage (m)	5.59	6.09	6.09
Front tyres	400/80-24	400/80-24	400/80-24
Rear tyres	400/80-24	400/80-24	400/80-24
Drawbar pull (daN)	7 500/8 600	7 500/8 600	8 000
Weight (with forks) (kg)	8 960	10 270	10 270

*Available with optional personal basket

MANISCOPIC

13.53 m/15.40 m

3600 kg & 4000 kg
Stabilizers/Levelling system



PRIVILEGE

Model MT Privilege	MT 1436 R	MT 1440	MT 1440 EP	MT 1440 A
Nominal capacity (kg)	3 600	4 000	4 000	4 000
Max. lift height/forward reach (m)	3 600	4 000	4 000	4 000
Engine (ISO/TR 14396) (HP/kw)	13.52/9.42	13.53/9.38	13.53/9.38	15.40/11.20
Turning radius (m)	87/64	101/74.5	101/74.5	101/74.5
Outside turning radius (with forks) (m)	3.98	3.98	3.98	3.98
Overall height/width (m)	2.45/2.37	2.45/2.38	2.45/2.38	2.45/2.38
Overall length up to carriage (m)	6.13	6.13	6.13	6.13
Front tyres	400/80-24	400/80-24	400/80-24	400/80-24
Rear tyres	400/80-24	400/80-24	400/80-24	400/80-24
Drawbar pull (daN)	8 400	10 200	10 200	10 200
Weight (with forks) (kg)	9 475	10 800	10 800	11 370

*Available with optional personal basket

MANISCOPIC

17.50 m/19.30 m

4000 kg

Stabilizers/Levelling system



PRIVILEGE

Model MT Privilege	MT 1840 R	MT 1840	MT 1840 EP	MT 1840 A
Nominal capacity (on tyres) (kg)	4 000	4 000	4 000	4 000
Nominal capacity (on stabilisers) (kg)	4 000	4 000	4 000	4 000
Max. lift height/forward reach (m)	17.50/13.17	17.50/13.17	17.50/13.17	19.30/13.17
Engine (ISO/TR 14396) (HP/kw)	101/74.5	101/74.5	101/74.5	101/74.5
Outside turning radius (with forks) (m)	3.99	3.99	3.99	3.99
Overall height/width (m)	2.50/2.37	2.50/2.40	2.50/2.37	2.50/2.40
Overall length up to carriage (m)	6.27	6.27	6.27	6.27
Front tyres	400/80-24	440/80-24	440/80-24	440/80-24
Rear tyres	400/80-24	440/80-24	440/80-24	440/80-24
Drawbar pull (daN)	10 300	10 300	10 300	10 300
Weight (with forks) (kg)	11 380	11 380	11 380	11 950

MANISCOPIC

13.82 m to 17.30 m

3200 kg to 4200 kg

Rotation 400°



MRT M Series

Model M Series	MRT 1432	MRT 1542	MRT 1635	MRT 1742
Nominal capacity (on tyres) (kg)	3 200	3 500	3 200	3 500
Nominal capacity (on stabilisers) (kg)	3 200	4 200	3 500	4 200
Max. lift height/forward reach (m)	13.82/11.63	14.78/12.50	15.82/13.20	17.30/14.50
Engine (ISO/TR 14396) (HP/kw)	101/74.5	101/74.5	101/74.5	101/74.5
Outside turning radius (with forks) (m)	3.90	4.00	3.90	4.00
Overall height/width (m)	2.97/2.39	3.02/2.43	2.97/2.39	3.02/2.43
Overall length up to carriage (m)	5.35	5.69	6.36	6.07
Front tyres	400/70-20 14 PR	18-22.5 16 PR	400/70-20 14 PR	18-22.5 16 PR
Rear tyres	400/70-20 14 PR	18-22.5 16 PR	400/70-20 14 PR	18-22.5 16 PR
Drawbar pull (daN)	9 900	10 800	9 900	10 800
Weight (with forks) (kg)	12 450	13 350	12 955	14 600

MANISCOPIC

17.90 m to 29.70 m

4000 kg & 4999 kg

Continuous rotation



PRIVILEGE

Model	MRT 1850	MRT 2150	MRT 2540	MRT 3050
Nominal capacity (on tyres) (kg)	4 999	4 000	3 500	4 999
Nominal capacity (on stabilisers) (kg)	4 999	4 999	4 000	4 000
Max. lift height/forward reach (m)	17.90/15.20	20.60/18.10	24.60/18.50	29.70/25.50
Engine (ISO/TR 14396) (HP/kw)	150/110	150/110	150/110	216/159
Outside turning radius (with forks) (m)	4.50	4.50	4.50	5.56
Overall height/width (m)	3.05/2.43	3.05/2.43	3.05/2.43	3.05/2.43
Overall length up to carriage (m)	6.07	6.78	7.82	8.10
Front tyres	18-22.5	18-22.5	18-22.5	17.5 R 25
Rear tyres	18-22.5	18-22.5	18-22.5	17.5 R 25
Drawbar pull (daN)	8 200	8 200	8 200	10 500
Weight (with forks) (kg)	15 350	16 095	17 165	22 860

Manitou, material handling world leader



MANISCOPIC
Telescopic trucks



MANITOU
Rough terrain and semi industrial masted trucks



MANIACCESS
Access equipment



Twisco
Compact telescopic handler



MANIHOE
Backhoe/Loader with telescopic boom



MANITRANSIT
Truck mounted forklifts



MANILOADER
Articulated wheeled loaders



MANILEC
Electric pallet trucks and electric stackers

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