

Technical sheet :

MTA 519E

OXYGEN



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HANDLING YOUR WORLD

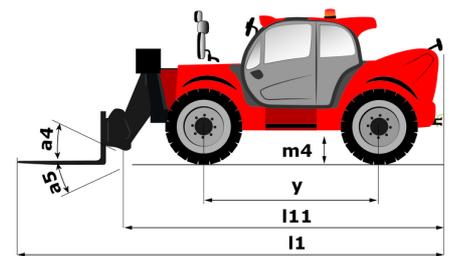
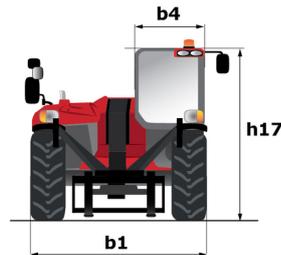
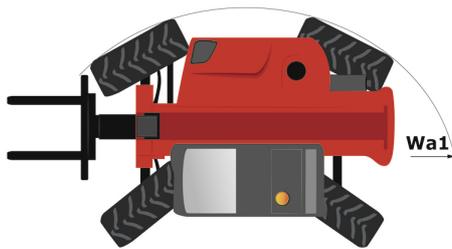
Capacities		Imperial
Max. capacity	Q	5512 lb
Max. lifting height		19 ft 2 in
Maximum outreach		11 ft
Breakout force with bucket		3770 daN
Weight and dimensions		
Overall length to carriage	l11	12 ft 7 in
Overall length (with forks)	l1	16 ft 9 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 4 in
Wheelbase	y	7 ft 7 in
Ground clearance	m4	1 ft 1 in
Overall cab width	b4	2 ft 7 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	10 ft 10 in
Overall weight		10483 lb
Tires type		Pneumatic
Standard tires		CAMSO SKS532 12-16.5
Forks length / width / section	l / e / s	47 in x 5 in x 2 in
Performances		
Lifting		11 s
Lowering		8 s
Extension		7.70 s
Retraction		7.40 s
Crowd		4 s
Dump		4.30 s
Engine		
Max. torque		148 ft/lbs
Drawbar pull (Laden)		2090 daN
Engine/Battery		
Drive motor power rating		40 kW
Hydraulic motor power		30 kW
Battery technology		Lithium-ion
Battery capacity		348 Ah
Battery energy		35 kWh
Charger Power / Phase / Current type		3 kW / Single-phase / AC
Electric circuit		
Battery voltage / capacity		100 V / 348 Ah
12V Battery capacity		74 Ah
Transmission		
Transmission type		Electrical
Number of gears (forward / reverse)		1 / 1
Max. travel speed		12 mph
Parking brake		Hydraulic spring release SAHR
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		22 US gpm-3408 PSI
Tank capacities		
Hydraulic oil		21 US gal
Noise and vibration		
Noise at driving position (LpA)		72 dB
Noise to environment (LWA)		92 dB
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2

Options / Finishing

S : Standard / O : Optional / - : Not available

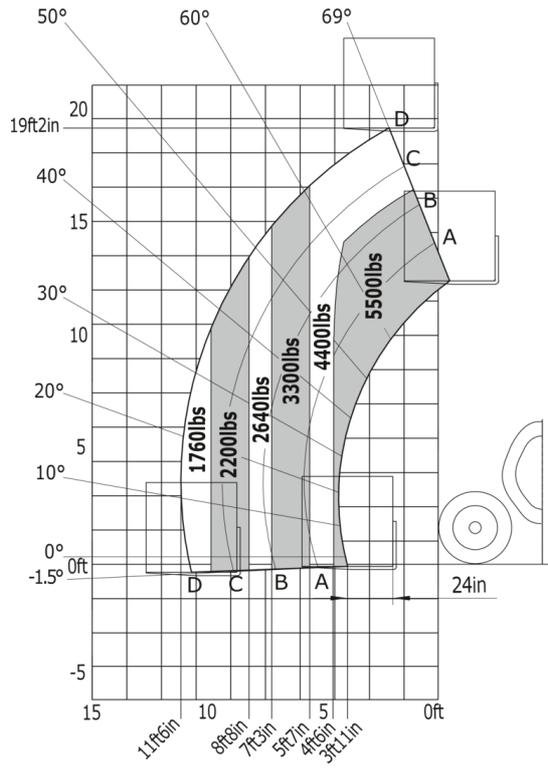
	Standard
Lifting function	
12V electric supply on the top of the boom (on fixed part)	O
Attachment hydraulic line	S
Operator station	
12Volt Power Port	S
Adjustable and telescopic steering column	S
Air suspension fabric seat - GRAMMER	O
Bluetooth radio	O
Bluetooth USB DAB radio	O
Enclosed Cab with Heat and A/C	S
Heating	S
Manual air conditioning	O
Phone support	O
Rear window with de-icing	O
Rear wiper	S
Roof and Windshield Guard	O
Roof wiper	S
Motorization/Power	
Onboard charger - 3kW AC_MT	S
On-board charger 9kW	O
Lighting	
LED front road lights	S
LED front work lights	S
LED rear work lights	S
LED work lights - On boom head (Telescopic part)	O
Security	
Audio warning on reverse	S
Battery cut-off	S
Rear camera	O
Rotating Beacon	S
Speed limiter	O
Windscreen sun visor	S

MTA 519e - Dimensional drawing



MTA 519e - Load chart

Machine on tires with forks Imperial





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