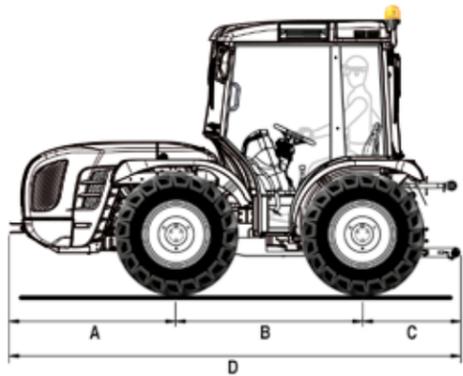


MARS L80N MT



A	B	C	D	E min / max	F min / max
1334	1495	932	3761	2069 / 2164	184 / 294



31x15.50-15 XTC	31x15.50-15 STG	440/50-17 All Ground	425/55-17 AC70G	340/65R20
with fixed rim	with fixed rim	with fixed rim	with fixed rim	with adjustable rim

G Tyre width (mm)	368	394	431	430	343
H Wheel track min/max (mm)	1510	1510	1476	1476	1354 / 1618
I Width min/max (mm)	1878	1904	1907	1906	1697 / 1961

TECHNICAL FEATURES	MARS L80N MT (reversible)
ENGINE	Kohler KDI 2504 TCR
Number of cylinders	4
Displacement (cc)	2482
Aspiration	Turbo / Intercooler
Fuel system	Direct injection Common-rail
Emission level	Stage 3B
Balancing	With counter-balance shaft
Power (kW/hp)	55.4 / 75.3
Nominal speed (rpm)	2,300
Maximum torque (Nm/rpm)	300 / 1,500
Speed management	Electronically regulated with a console with functions: increase and decrease of engine speed, memorize and recall a particular speed or switch off the electronic throttle and go to the minimum idle speed
Cooling	Water
Tank capacity (lt)	54
CHASSIS	Swinging integral chassis OS-Frame with steering wheels, configured in haymaking version
DRIVE	Four-wheel drive, permanent
TRANSMISSION	Synchronized gearbox: 32 speeds (16 forward and 16 reverse) with synchronized reverser
Main clutch	Multidisc in oil bath with electronic hydraulic control and Pro-Act System. Clutch reactivity adjustable on 4 levels
DIFFERENTIAL	Front and rear. With simultaneous or rear only differential lock and electro-hydraulic control
AXLES	Front and rear, with epicyclic reduction units
REAR POWER TAKE-OFF	Independent from the gearbox, 540/1000 rpm and synchronized with the gearbox. Engageable under load with brake in disengaged position
PTO clutch	Multidisc, in oil bath and electro-hydraulic control
HYDRAULIC SYSTEM	Double circuit with independent pumps and heat exchanger
Flow rate to the hydroguide and the electro-hydraulic controls (lt/min)	13.5
Flow rate to the lift and the control valves (lt/min)	29.5
Max hydraulic pressure (bar)	180
CONTROL VALVES	Mechanical control
Rear (standard)	1 single acting and 2 double acting
Rear (optional)	In addition to the standard ones: 1 single acting or 1 double acting or 1 double acting with float
REAR LIFT	By four external rams and Dual Floating System®
Three-point hitches	Quick couplings, L-shaped, cat. 1 and 2, arms with adjustable length and hooks with adjustable width
Three-point tie bar	With manual adjustment. Optional: hydraulically controlled upper link and tie rod link arm
Lifting capacity at the end of the arms (kg)	2,300
ELECTRIC SYSTEM	Battery 100 Ah, Alternator 95 A
DRIVING UNIT	Wider version, reversible with rotating platform suspended on silent-block and suspended brakes-clutch pedals
Seat	Standard: comfortable sprung seat adjustable according to the driver's weight, safety belt and 'man on board sensor'. With gas spring for easy tipping. Optional: 'Grammer' pneumatic seat
SERVICE BRAKES	Oil immersed multidisc, acting on the rear transmission, with hydrostatic control
Parking brake	Acting on the rear transmission, with hand lever
STEERING	With hydrostatic steering by two rams, acting on the front wheels. Flow deviator for steering unit
SAFETY	Standard: semi-cabin with beacon lamp
CABIN (as optional)	Homologated and sound-proof, Comfort version with 6 posts, monocoque body fitted on silent-block device. Air conditioning, heating and ventilation systems. Glass doors and porthole on rear side of sunroof. Fabric covered seat instead of standard one. Optional: active carbon filter
CONSOLE	With TFT colour display to check: working time, engine speed, forwarding speed, PTO speed, instantaneous fuel consumption and current time. Analogue indicators with engine speed, engine coolant temperature and fuel level. Warning lights and acoustic alarm
TYRES (standard)	31x15.50-15 XTC
Optional	31x15.50-15 STG * 440/50-17 All Ground * 425/55-17 AC70G * 340/65-20
TOW HOOKS (standard)	Front and rear CUNA
Optional	Rear rotating or rear adjustable in height (Slider type) tow hooks, both EC approved or CUNA rear adjustable in height (Slider type)
WEIGHT OPERATIONAL	
With semi-cabin (kg)	2,350
With cabin (kg)	2,430
OPTIONAL	LED lights, front bumper, beacon lamp, front weight kg 120 and weights for wheels kg 50 each