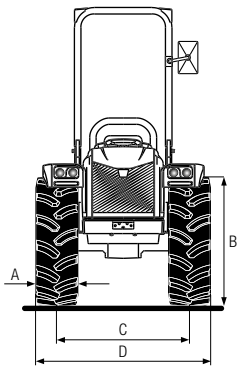
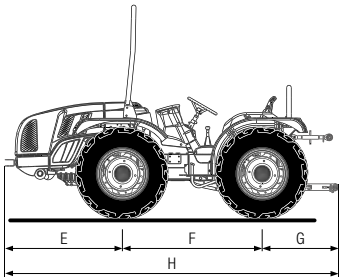


TECHNICAL DATA THOR V80 AR

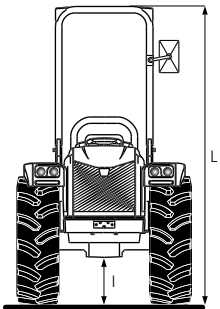
					
	250/80-18	11.5/80-15.3	280/70R18	320/65R18	250/85R20
	with adjustable rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim
A Tyre width (mm)	240	290	282	320	245
B Tyre diameter (mm)	879	888	849	873	940
C Wheel track min/max (mm)	912/1216	1052/1076	960/1284	1002/1216	880/1334
D Width min/max (mm)	1152/1456	1342/1366	1242/1566	1322/1536	1125/1579



				
	300/70R20	340/65R20	31x15.50-15 XTC	31x15.50-15 STG
	with adjustable rim	with adjustable rim	with fixed rim	with fixed rim
A Tyre width (mm)	286	343	368	394
B Tyre diameter (mm)	942	958	800	800
C Wheel track min/max (mm)	984/1364	984/1364	1006/1120	1120
D Width min/max (mm)	1270/1650	1327/1707	1374/1488	1514



Dimensions Thor V80 AR (mm):					
E	F	G	H	I min/max	L min/max
1260	1450	850	3560	248/328	2155/2245



TECHNICAL FEATURES	THOR V80 AR
ENGINE	VM D754 TE3
Number of cylinders	4
Displacement (cm³)	2,970
Intake	Turbo
Fuel system	Direct injection
Emission level	Tier 3A
Balancing	Counter-balance shafts
Power (kW/HP)	53.7 / 73
Rated speed (rpm)	2,300
Maximum torque (Nm/rpm)	250 / 1,600
Cooling	Liquid
Tank capacity (lt)	54 lt
CHASSIS	Swinging integral chassis OS-FRAME with central articulation
DRIVE	Four-wheel drive, permanent
TRANSMISSION	32 speeds synchronized gearbox: 16 FWD and 16 REV with synchronized reverser
Transmission clutch	Multidisc in oil bath with hydraulic control
DIFFERENTIAL	Simultaneous front and rear differential lock with electro-hydraulic control
AXLES	Front and rear with epicyclic reduction units. Front axle, oscillating in the middle (approx. ±15°)
REAR PTO	Independent from the gearbox and synchronized with forwarding speed. Engageable under load with brake in disengaged position
PTO clutch	Multidisc in oil bath with electro-hydraulic control
PTO rotation speed (rpm)	Standard: 540/540E - Optional: 540/1,000
HYDRAULIC SYSTEM	Double circuit with independent pumps and heat exchanger
Flow rate to the hydroguide and the electro-hydraulic controls (lt/min)	31
Flow rate to the lift and the control valves (lt/min)	31 (optional oversized pump with flow rate 49 lt/min)
Maximum hydraulic pressure (bar)	180
REAR CONTROL VALVES	Mechanical control
Standard	1 single acting and 2 double acting
Optional and replacing the standard ones	With lift by rams: 1 single acting, 1 double acting and 1 double acting with float or 3 double acting. With lift with position and draft control: 1 single acting and 1 double acting or 1 double acting and 1 double acting with float
ELECTRIC SYSTEM	Battery 100 Ah - Alternator 70 A
Rear power outlets	7 pin
REAR LIFT	Standard: by two external rams - Optional: position and draft control
Three-point hitches	Standard: standard couplers cat. 1 and 2. Optional: quick couplings, L-shaped, cat. 1 and 2, arms with adjustable length and hooks with adjustable width
Three-point tie bar	Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm
Ball joint lifting capacity (kg)	2,300
FRONT LIFT (optional)	By two external rams with front protection and 2 double acting control valves
Three-point hitches	Rigid with quick couplings cat. 1
Lifting capacity (kg)	800
DRIVING PLATFORM	Monodirectional or Reversible with rotating platform and duplicated pedals
Steering wheel	With adjustable height
Seat with safety belt	Standard: comfortable sprung seat, adjustable according to the driver's weight - Optional: "Kab Seating"
SERVICE BRAKES	Disc in oil bath with mechanical control, acting on the rear wheels
Parking brake	Acting on service brakes
STEERING	Hydrostatic steering acting on central articulation. Reversible version with flow deviator for steering unit
SAFETY	Front homologated roll-bar
INSTRUMENT PANEL	With digital display complete with: tachograph/rate gyro, water thermometer, warning light for oil pressure and acoustic alarm, simultaneous reading of engine r.p.m., forwarding speed and PTO rotation speed
TYRES (standard)	250/80R18
Optional	11.5/80-15.3 * 280/70-18 * 320/65R18 * 250/85R20 * 300/70R20 * 340/65R20 * 31x15.50-15 XTC or STG * 13.6-16 Garden
TOW HOOKS (standard)	Rear CUNA and front
Optional	Rear tow hook: EC approved or EC approved (Slider type) or CUNA (Slider type)
WEIGHT in order of speed	
With roll-bar (kg)	1,960
OPTIONAL	Front bumper, Beacon lamp, Front weight and weights for wheels, Self Cleaning System, Oil filter protection kit, Muffler protection kit, Cyclone prefilter with external air intake