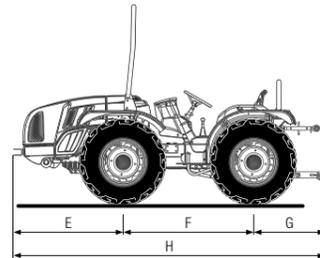
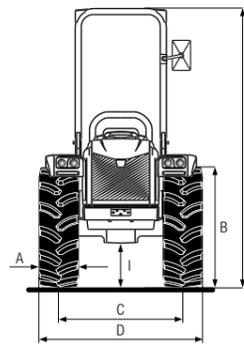


# TECHNICAL DATA VEGA V80 AR



	250/80R18	11.5/80-15.3	280/70R18	320/65R18	250/85R20	300/70R20
	with adjustable rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim
<b>A</b> Tyre width (mm)	240	290	282	320	245	286
<b>B</b> Tyre diameter (mm)	879	888	849	873	940	942
<b>C</b> Wheel track min/max (mm)	900/1108	948/972	1020/1108	1020/1108	882/1230	924/1144
<b>D</b> Width min/max (mm)	1140/1348	1238/1262	1302/1390	1340/1428	1127/1475	1210/1430



	320/70R20	340/65R20	31x15.50-15 XTC	31x15.50-15 STG	33x12.50-15 T413	13.6-16 Garden
	with adjustable rim	with adjustable rim	with fixed rim	with fixed rim	with fixed rim	with fixed rim
<b>A</b> Tyre width (mm)	316	343	368	394	325	391
<b>B</b> Tyre diameter (mm)	975	958	800	800	843	968
<b>C</b> Wheel track min/max (mm)	996/1144	996/1144	1016	1016	959	1042
<b>D</b> Width min/max (mm)	1312/1460	1339/1487	1384	1410	1284	1433



STANDARD cabin



CONICAL cabin

### Dimensions VEGA V80 AR (mm):

E	F	G	H	I min/max	L min/max	M min/max	N min/max
1260	1495	850	3605	248/328	2155/2245	2039/2131	2092/2184

TECHNICAL FEATURES	VEGA V80 AR
<b>ENGINE</b>	VM D754 TE3
Number of cylinders	4
Displacement (cm <sup>3</sup> )	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
<b>CHASSIS</b>	Swinging integral chassis OS-FRAME with central articulation
<b>DRIVE</b>	Four-wheel drive. Front-wheel drive disengagement with electro-hydraulic control
<b>TRANSMISSION</b>	32 speeds synchronized gearbox: 16 FWD and 16 REV with synchronized reverser
Transmission clutch	Multidisc in oil bath with hydraulic control and PRO-ACT System
<b>DIFFERENTIAL</b>	Front and rear. Differential lock: front and rear simultaneously or only rear with electro-hydraulic control
<b>AXLES</b>	Front and rear with epicyclic reduction units. Front axle, oscillating in the middle (approx. ±15°)
<b>REAR PTO</b>	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
<b>HYDRAULIC SYSTEM</b>	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
<b>REAR CONTROL VALVES</b>	Mechanical control
Standard	2 double acting
Optional and in addition to the standard ones	1 single acting and 1 double acting or 1 double acting and 1 double acting with float
Joystick (optional)	With proportional electronic control of lifts and control valves consisting of: 1 single acting with adjustable flow and free return, 5 double acting (replacing the standard ones) and oversized pump 49 lt/min
<b>ELECTRIC SYSTEM</b>	Battery 100 Ah - Alternator 70 A
Rear power outlets	7 pin
<b>REAR LIFT</b>	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
<b>FRONT LIFT (optional)</b>	By two external rams with front protection and 2 double acting control valves with free return
Three-point hitches	Rigid with quick couplings cat. 1
Lifting capacity (kg)	800
<b>DRIVING PLATFORM</b>	Reversible with platform suspended on silent block. Suspended pedals mounted on rotating control column
Steering wheel	With adjustable height
Seat with gas spring for easy tipping and safety belt	Standard: comfortable sprung seat, adjustable according to the driver's weight - Optional: "Kab Seating" or pneumatic seat
<b>SERVICE BRAKES</b>	Oil bath discs with hydrostatic control, acting on the four wheels
Parking brake	Automatic and independent Brake-Off
<b>STEERING</b>	Hydrostatic steering acting on central articulation. Flow deviator for steering unit
<b>SAFETY</b>	Standard: front homologated roll-bar
<b>CABIN (optional)</b>	Homologated and sound-proof with monocoque body fitted on silent-block, beacon lamp and fabric covered seat. With ventilation, heating system and air conditioning. Available with standard or conical structure
<b>INSTRUMENT PANEL</b>	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
<b>TYRES (standard)</b>	250/80R18
Optional	11.5/80-15.3 * 280/70R18 * 320/65R18 * 250/85R20 * 300/70R20 * 320/70R20 * 340/65R20 * 31x15.50-15 XTC o STG * 33x12.50-15 T413 * 13.6-16 Garden
<b>TOW HOOKS (standard)</b>	Rear CUNA and front
Optional	Rear tow hook: EC approved or EC approved (Slider type) or CUNA (Slider type)
<b>WEIGHT in order of speed</b>	
With roll-bar (kg)	2,180
With cabin (kg)	2,250
<b>OPTIONAL</b>	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, Active carbon filter for cabin