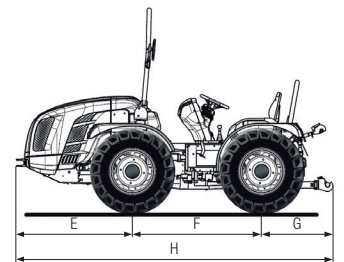
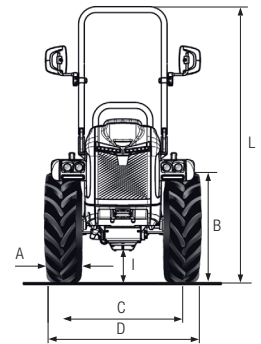


# Vega AR

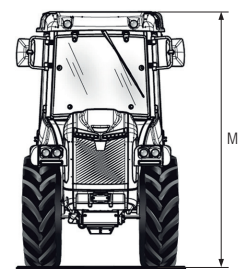
## K105 | L80



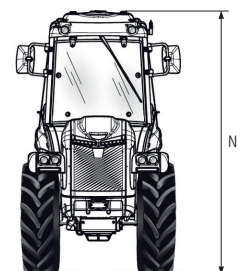
	250/80R18	11.5/80-15.3	280/70R18	320/65R18	250/85R20	300/70R20
	with adjustable rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim
<b>A</b> Tyre width (mm)	240	290	282	320	245	286
<b>B</b> Tyre diameter (mm)	879	888	849	873	940	942
<b>C</b> Wheel track min/max (mm)	898/1112	948/972	1022/1112	1022/1112	882/1230	996/1260
<b>D</b> Width min/max (mm)	1138/1352	1238/1262	1304/1394	1342/1432	1127/1475	1282/1546



	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)	996/1260	996/1260	1016	1016	959/965	1240
<b>D</b> Width min/max (mm)	1312/1576	1339/1603	1384	1410	1284/1290	1631



STANDARD cabin



CONICAL cabin

### Dimensions Vega K105 | L80 AR (mm):

E	F	G	H	I min/max	L min/max	M min/max	N min/max
1348	1495	932	3775	161/271	2254/2364	2070/2180	2139/2249

TECHNICAL FEATURES	Vega K105 AR	Vega L80 AR
<b>ENGINE</b>	Kubota V3800 CR-TE4	Kohler KDI 2504 TCR
Number of cylinders	4 in-line	4 in-line / 16 valves
Displacement (cm <sup>3</sup> )	3,769	2,482
Intake	Turbo	Turbo / Intercooler
Fuel system	Direct injection "Common rail"	Direct injection "Common rail" - 2000 bar
Emission level	Stage 3B	Stage 3B
Balancing	Counter-balance shafts	Counter-balance shafts
Power (kW/HP)	72.1 / 98	55.4 / 75.3
Rated speed (rpm)	2,400	2,300
Maximum torque (Nm/rpm)	330 / 1,500	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	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	
<b>POWER SHUTTLE EASYDRIVE® (optional)</b>	Electro-hydraulic power shuttle electronically actuated with the lever (with 3 position FWD-N-REV) installed on the left of steering wheel. Possibility to choose from 5 levels of reactivity	
Transmission clutch	Multidisc in oil bath electronically-managed and proportional hydraulic control with 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)	33	
Flow rate to the lift and the control valves (lt/min)	30 (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. Potentiometer to change the sensibility of the joystick	
<b>ELECTRIC SYSTEM</b>	Battery 100 Ah / 12 V - Alternator 95 A	
Rear power outlets	7 pin and 3 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 inclination	
Seat	With gas spring for easy tipping, safety belt and 'man on board sensor'. Standard: comfortable sprung seat, adjustable according to the driver's weight - Optional: 'Kab Seating' or 'Grammer' pneumatic seat	
<b>SERVICE BRAKES</b>	Oil bath discs with hydrostatic control, acting on the four wheels with automatic engagement of the 4-wheel drive	
Parking brake	Automatic and independent Brake-Off acting as emergency brake with proportional action	
<b>STEERING</b>	Hydrostatic steering acting on central articulation. Flow deviator for steering unit	
<b>SAFETY</b>	Standard: front homologated roll-bar, with gas springs for an easy lowering and lifting	
<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 multi-function colour and digital display complete with: hour counter, battery voltage, fuel consumption, DPF level, simultaneous reading of engine speed, forwarding speed and PTO speed. Warning lights and acoustic alarm	With multi-function colour and digital display complete with: hour counter, battery voltage, fuel consumption, simultaneous reading of engine speed, forwarding speed and PTO speed. Warning lights and acoustic alarm
<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)	2,300	2,230
With cabin (kg)	2,445	2,375
<b>OPTIONAL</b>	Front bumper, Beacon lamp, Front weight, Weights for wheels, Active carbon filter for cabin	