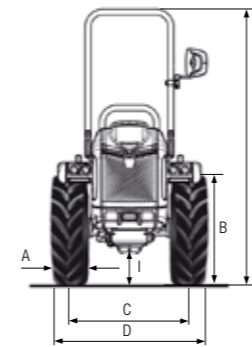


Vega K105 AR



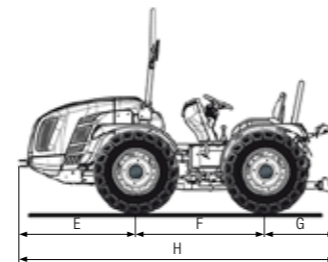
	250/80R18	11.5/80-15.3	280/70R18	320/65R18	250/85R20	300/70R20
	with adjustable rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim

A	240	290	282	320	245	286
B	879	888	849	873	940	942
C	898/1112	948/972	1022/1112	1022/1112	882/1230	996/1260
D	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

A	316	343	368	394	325	391
B	975	958	800	800	843	968
C	996/1260	996/1260	1016	1016	959/965	1240
D	1312/1576	1339/1603	1384	1410	1284/1290	1631



STANDARD cabin



CONICAL cabin

Dimensions Vega K105 AR (mm):

E	F	G	H	I min/max	L min/max	M min/max	N min/max
1348	1495	882	3725	161/271	2254/2364	2070/2180	2139/2249

TECHNICAL FEATURES	Vega K105 AR
ENGINE	KUBOTA V3800 CR-TE4
Number of cylinders	4 in-line
Displacement (cm ³)	3,769
Intake	Turbo
Fuel system	Direct injection "Common rail"
Emission level	Stage 3B
Balancing	Counter-balance shafts
Power (kW/HP)	72.1 / 98
Rated speed (rpm)	2,400
Maximum torque (Nm/rpm)	330 / 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
CHASSIS	Swinging integral chassis OS-FRAME with central articulation
DRIVE	Four-wheel drive. Front-wheel drive disengagement with electro-hydraulic control
TRANSMISSION	32 speeds synchronized gearbox: 16 FWD and 16 REV with synchronized reverser
POWER SHUTTLE EASYDRIVE® (optional)	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
DIFFERENTIAL	Front and rear. Differential lock: front and rear simultaneously or only rear 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)	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
REAR CONTROL VALVES	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
ELECTRIC SYSTEM	Battery 100 Ah / 12 V - Alternator 95 A
Rear power outlets	7 pin and 3 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 with free return
Three-point hitches	Rigid with quick couplings cat. 1
Lifting capacity (kg)	800
DRIVING PLATFORM	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 and safety belt	Standard: comfortable sprung seat, adjustable according to the driver's weight - Optional: "Kab Seating" or pneumatic seat
SERVICE BRAKES	Oil bath discs with hydrostatic control, acting on the four wheels
Parking brake	Automatic and independent Brake-Off
STEERING	Hydrostatic steering acting on central articulation. Flow deviator for steering unit
SAFETY	Standard: front homologated roll-bar
CABIN (optional)	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
INSTRUMENT PANEL	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
TYRES (standard)	250/80R18
Optional	11.5/80-15.3 * 280/70R18 * 320/65R18 * 250/85R20 * 300/70R20 * 320/70R20 * 340/65R20 * 31x15.50-15 con battistrada XTC o STG * 33x12.50-15 T413 * 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)	2,300
With cabin (kg)	2,445
OPTIONAL	Front bumper, Beacon lamp, Front weight, Weights for wheels, Active carbon filter for cabin