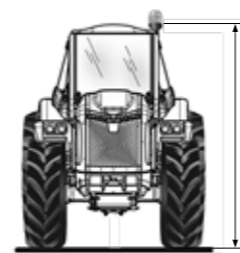
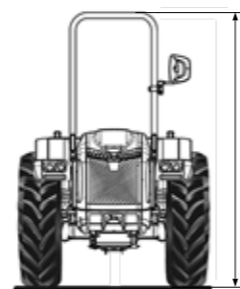
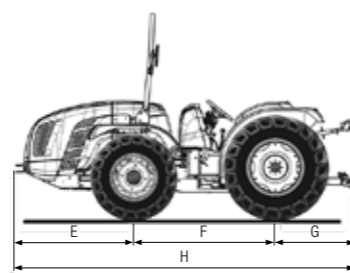
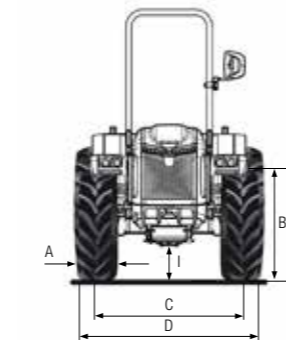


Vega K105 SDT

	260/70R16	300/70R20	260/70R16	340/65R20	280/70-18	360/70R20
	Front	Rear	Front	Rear	Front	Rear
A Tyre width (mm)	258	286	258	343	265	357
B Tyre diameter (mm)	770	958	770	958	849	1042
C Wheel track min/max (mm)	1122/1522	1054/1490	1122/1522	1054/1490	1098/1538	1170/1490
D Width min/max (mm)	1380/1780	1340/1776	1380/1780	1397/1833	1363/1803	1527/1847

	280/70-18	320/70R24	320/65R18	380/70R20	340/65R18	420/65R24
	Front	Rear	Front	Rear	Front	Rear
A Tyre width (mm)	265	316	319	370	343	418
B Tyre diameter (mm)	849	1092	873	1078	899	1155
C Wheel track min/max (mm)	1098/1538	1034/1518	1166/1470	1170/1490	1170/1466	1190/1460
D Width min/max (mm)	1363/1803	1350/1834	1485/1789	1540/1860	1513/1809	1608/1878

	Dimensions Vega K105 SDT (mm):						
	E	F	G	H	I min/max	L min/max	M min/max
Vega K105 SDT RS	1348	1607	918	3873	157/257	2216/2316	1792/1857
Vega K105 SDT DUALSTEER®	1348	1607	918	3873	134/234	2216/2316	1792/1857



Compact AIRTECH cabin

TECHNICAL FEATURES	Vega K105 SDT RS	Vega K105 SDT DUALSTEER®
ENGINE	KUBOTA V3800 CR-TE4	
Number of cylinders	4 in-line	
Displacement (cm ³)	3769	
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)	70 lt (version with roll-bar) - 54 lt (version with cabin)	
CHASSIS	Swinging integral chassis OS-FRAME with steering wheels	Swinging integral chassis OS-FRAME with central articulation and steering wheels
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 with epicyclic reduction units and rear with bull-gear 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 steering unit 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, 3 double acting (replacing the standard ones) and oversized pump 49 lt/min. Potentiometer to change the sensibility of the joystick	
FRONT CONTROL VALVES (only with joystick)	4 double acting, 1 single acting and 1 single acting with adjustable flow and free return with E-Plug System	
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 cat. 1 and 2, arms with non-adjustable length or 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)	2,700	
FRONT LIFT (optional)	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	Monodirectional with platform suspended on silent block. Suspended pedals mounted on control column	
Steering wheel	With adjustable inclination	
Seat with 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	Standard: acting on the rear transmission, with hand lever - Optional: automatic and independent Brake-Off with knob on the dashboard	
STEERING	Hydrostatic steering acting on the front wheels	Double steering system DUALSTEER® with 4-cylinders. Hydrostatic steering acting on front wheels and central articulation
SAFETY	Standard: front homologated roll-bar	
CABIN (optional)	Compact AIRTECH version, pressurised and homologated cat. 4. Sound-proof with monocoque body fitted on silent-block, beacon lamp and fabric covered seat. Safety cell integrated in the structure, instrument panel and air ducts (car type). Air conditioning system and Brake-Off	
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)	260/70R16*300/70R20	
Optional	260/70R16*340/65R20 - 280/70-18*360/70R20 - 280/70-18*320/70R24 - 320/65R18*380/70R20 - 340/65R18*420/65R24	
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)	2,520	2,570
With Compact cabin (kg)	2,700	2,700
OPTIONAL	Front bumper, Beacon lamp, Front weight, Weights for front wheels, Cast-iron rim flanges for rear wheels 24", Front plate for implements connection, Active carbon filter for pressurised cabin	