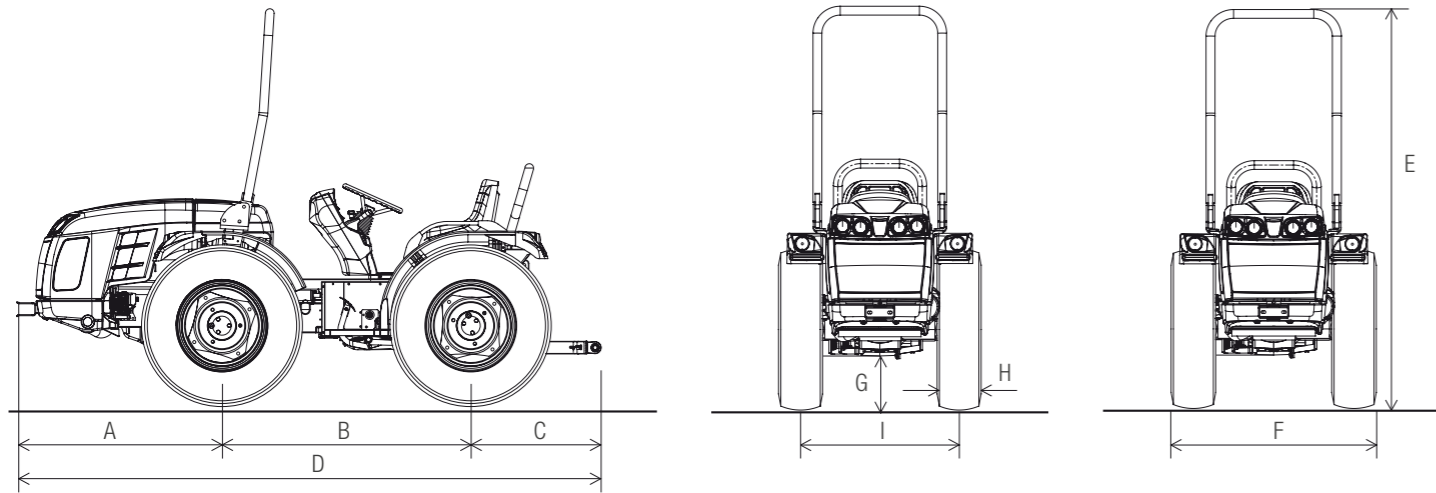


VALIANT 600 AR



A	B	C	D	E min / max	F min / max	G min / max
1157	1340	779	3276	2145 / 2220	1002 / 1438	220 / 270

Dimensions in mm

	8.25-16 WITH ADJUSTABLE RIM	210/95 R16 (7.50-16) WITH ADJUSTABLE RIM	250/80-18 WITH ADJUSTABLE RIM	280/70 R18 WITH ADJUSTABLE RIM	280/70R18 Garden WITH ADJUSTABLE RIM
H	212	208	240	282	282
I	794 / 1110	794 / 1110	865 / 1107	869 / 1119	869 / 1119
F	1006 / 1322	1002 / 1318	1105 / 1347	1151 / 1401	1151 / 1401

	320/65 R18 WITH ADJUSTABLE RIM	260/70 R20 WITH ADJUSTABLE RIM	31x15.50-15 XTC WITH FIXED RIM	31x15.50-15 STG WITH FIXED RIM	33x15.50-15 XTC WITH FIXED RIM
H	319	258	368	394	391
I	931 / 1119	846 / 1120	1003	1003	1003
F	1250 / 1438	1104 / 1378	1371	1397	1394

Dimensions in mm - min / max
H = Tyre width - I = Wheel track - F = Tractor width

VALIANT 600 AR	
ENGINE	4-cycle diesel engine with direct injection
Manufacturer	Kohler
Model	KDi 2504M
Number of cylinders	4
Displacement cm ³	2482
Suction	Naturally aspirated
Power KW/HP	36 / 49
Nominal speed (rpm)	2600
Maximum tractor torque (Nm/rpm)	170 / 1500
Cooling	Water
Tank capacity (l.)	45
CHASSIS	Swinging integral chassis (±15°) OS-FRAME with central articulation
DRIVE	Permanent four-wheel drive
TRANSMISSION	24-speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser
Transmission clutch	Multidisc in oil bath
DIFFERENTIAL	Front and rear with simultaneous locking and electro-hydraulic control
AXLES	Front and rear with planetary reduction units
REAR PTO	Independent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO
PTO clutch	Multidisc in oil bath with electro-hydraulic control
PTO rotation speed (rpm)	540
HYDRAULIC SYSTEM	Dual circuit with independent pumps
Hydraulic pump flow rate of the power steering and electro-hydraulic controls (l/min)	15.3
Hydraulic pump flow rate of the lift and control valves (l/min)	25.6
Maximum hydraulic pressure (bar)	180
REAR CONTROL VALVES	Mechanically controlled
Standard	With rear up/down lift: 1 double-acting with free flow oil return predisposition (total 2 hydraulic outlets) With draft-controlled rear lift: 2 double acting (total 4 hydraulic outlets)
Optional	With rear up/down lift: up to 7 hydraulic outlets in total and free flow oil return With draft-controlled rear lift: up to 4 hydraulic outlets in total
REAR LIFT	By two external cylinders. Standard: up/down lift - Optional: position and draft-controlled
3-point implement hitch	Standard: normal couplings cat. 1 Optional: quick-couplings cat. 1, L-shaped, arms adjustable in length and hooks adjustable in width
Third point tie rod	With manual adjustment
Ball joint lifting capacity (kg)	1200
DRIVING POSITION	Monodirectional or Reversible with rotating platform and twin pedal assembly
Steering wheel	Fixed
Seat	Comfort seat with adjustable suspension according to the operator's weight
SERVICE BRAKES	Multidisc in oil bath with mechanical control, acting on the rear wheels
Parking brake	Acting on service brakes
STEERING	Hydrostatic steering acting on the central joint. Flow deviator for steering unit in the reversible version
SAFETY	Front homologated roll-bar
DASHBOARD	With chrono-tacho-gyrometer, water thermometer, control warning lights and acoustic alarm. Reading of rpm, forward speed and rotation speed of pto
ELECTRIC SYSTEM	Battery 100 Ah - Alternator 80 A
TYRES	8.25-16 * 210/95R16 (7.50-16) * 250/80-18 * 280/70R18 * 280/70R18 Garden * 320/65R18 * 260/70R20 * 31x15.50-15 XTC * 31x15.50-15 STG * 33x15.50-15 XTC
TOW HOOKS	Standard: front and rear CUNA cat. B adjustable in height - Optional: rear tow hook EC approved
RUNNING ORDER WEIGHT	With roll-bar: 1510 kg
ADDITIONAL OPTIONS	Beacon lamp, front weights 100 kg total and wheel weights 45 kg each