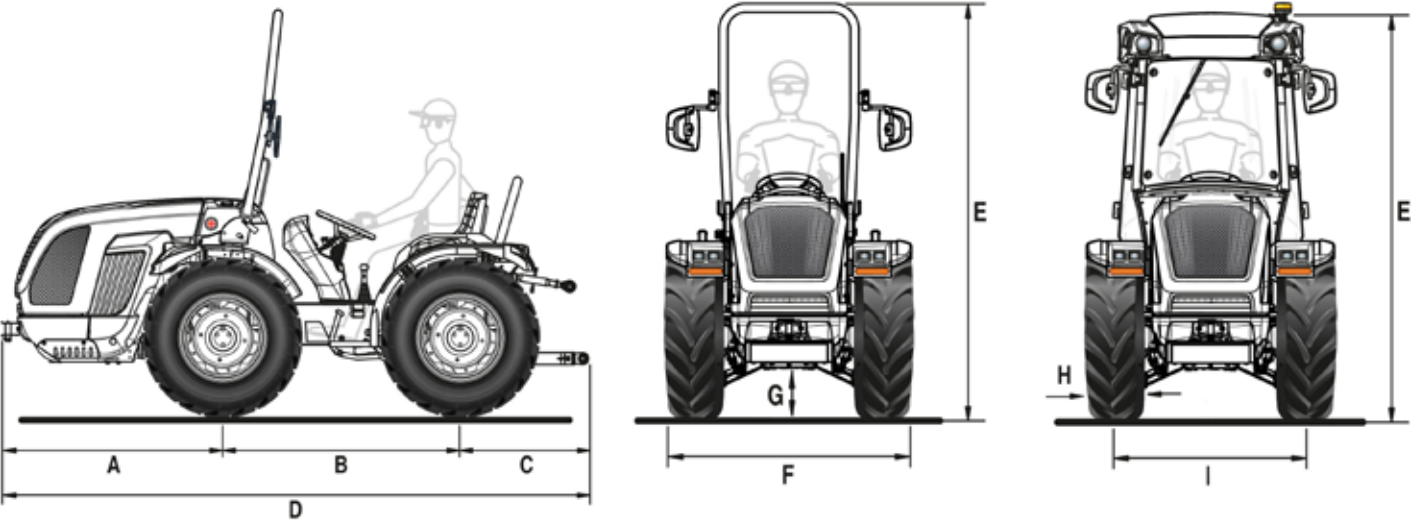


VANGUARD 65 RS



A	B	C	D	E min / max (with roll-bar)	E min / max (with cab)	F min / max	G min / max
1248	1390	779	3417	2195 / 2270	2087 / 2132	1207 / 1643	200 / 275

Dimensions in mm

	8.25-16	210/95 R16	250/80-18	280/70 R18	280/70 R18 Garden
	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim
H	212	208	240	282	282
I	999 / 1305	999 / 1305	996 / 1312	984 / 1324	984 / 1324
F	1211 / 1517	1207 / 1513	1236 / 1552	1266 / 1606	1266 / 1606

	320/65 R18	260/70 R20	31x15.50-15 XTC	31x15.50-15 STG	33x15.50-15 XTC
	with adjustable rim	with adjustable rim	with fixed rim	with fixed rim	with fixed rim
H	319	258	368	394	391
I	1074 / 1324	987 / 1325	1100 / 1208	1100 / 1208	1100 / 1208
F	1393 / 1643	1245 / 1583	1468 / 1576	1494 / 1602	1491 / 1599

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

TECHNICAL FEATURES	VANGUARD 65 RS
ENGINE	Rehiko KDI 1903 TCR Diesel common rail direct injection Turbo intercooler 3 cylinders 1861 cc Liquid cooling Stage V
Power	42 kW / 56 hp @2600 rpm Max torque 190 Nm@1500 rpm
Engine speed management	Electronically regulated with hand throttle knob and button with functions for: memorize/recall/exclude the set engine speed
CHIASSIS	Swinging integral chassis (±15°) OS-FRAME with steering wheels
DRIVE	Permanent four-wheel drive
TRANSMISSION	24-speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser
Min/max forward speed (km/h)	0.7 / 32
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)	540/540E
HYDRAULIC SYSTEM	Dual circuit with independent pumps
Hydraulic flow rate of the power steering and electro-hydraulic controls (l/min)	17
Hydraulic flow rate of the lift and control valves (l/min)	22 (optional: oversized pump with 30 l/min flow rate and heat exchanger)
Maximum hydraulic pressure (bar)	180
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 (arms not adjustable in length) or quick-couplings cat. 1 and 2, L-shaped (arms adjustable in length and hooks adjustable in width)
Third point tie rod	Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm (only for lift with L-shaped arms)
Ball joint lifting capacity (kg)	1510
REAR CONTROL VALVES	Mechanically controlled
Standard	With rear up/down lift: 1 double-acting and free flow oil return (total 3 hydraulic outlets) - With position and draft-controlled rear lift: 1 double-acting, 1 multifunctional double-acting and free flow oil return (total 5 hydraulic outlets)
Optional	With rear up/down lift: up to 7 hydraulic outlets in total and free flow oil return
Joystick (optional)	Proportional electronic control of rear lift and control valves consisting of: 1 continuous flow with adjustable flow rate and free flow oil return, 3 double-acting (replacing the standard ones), oversized pump and heat exchanger (total 8 hydraulic outlets)
DRIVING POSITION	Monodirectional or reversible with rotating platform suspended on silent blocks and twin pedal assembly
Steering wheel	Height adjustable
Seat	Comfort seat with adjustable suspension according to the operator's weight, safety belt and man-on-board sensor
SERVICE BRAKES	Multidisc in oil bath with mechanical control, acting on the rear wheels. Independent manoeuvring brakes acting on the rear wheels
Parking brake	Acting on service brakes
STEERING	Hydrostatic steering with two steering cylinders acting on the front wheels. Flow deviator for steering unit in the reversible version
SAFETY	Front homologated roll-bar with gas spring for easy lowering and lifting
CABIN (optional)	VISTA CLIMA model, homologated and soundproofed with monocoque body with a 4-upright suspended on silent block. Ventilation, heating and air-conditioning system. Fabric seat, car radio preparation, LED beacon lamp, front and rear LED working lights
DASHBOARD	Instrument panel with analogue gauges and TFT digital colour display
Standard equipment	Vehicle Control Unit, LED street light and indicator system, single-pole dashboard socket, rear 7-pin socket
TYRES	Tractor: 8.25-16 * 210/95R16 * 250/80-18 * 280/70R18 * 320/65R18 * 260/70R20 Garden: 280/70R18 Terra Tyre: 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 or EC with Slider frame or CUNA with Slider frame or EC tow bar with Slider frame
RUNNING ORDER WEIGHT	With roll-bar: 1660 kg - With cabin: 1800 kg
ADDITIONAL OPTIONS	Dual Floating System™ hydraulic suspension including 5 hydraulic outlets and free flow oil return, Self Cleaning System™, front bumper, beacon lamp, front LED working lights, rear adjustable working light, front weights 110 kg total and wheel weights 45 kg each