**Technical Features Valiant 600 RS**

### Chassis
- Swing-Integral Chassis (OS-FRAME) with steering wheels.

### Engine
- 4-cylinder Diesel engine with direct injection.
- Manufacturer: KOHLER
- Model: KO2 250V4M
- Number of cylinders: 4
- Displacement: 2.482 L
- Suction: Naturally aspirated
- Power kW/HP: 36 / 49
- Nominal speed (rpm): 2000
- Maximum tractor torque (Nm/rpm): 170 / 1500
- Cooling: Water
- Tank capacity (L): 45
- Transmission: Synchronized gearbox: 24 speeds (12 forward and 12 reverse) with synchronized reverser.

### Axles
- Four-wheel drive, permanent.
- Power take-off (PTO): Rear, independent from the pto, and synchronized with the gearbox, engageable under load with brake in disengaged position.
- PTO clutch: Multidisc, in oil bath.
- Engagement control: Electro-hydraulic.

### Hydraulic System
- Double circuit with independent pumps.
- Flow rate to the hoist and the distributors (l/min.): 25.6
- Flow rate to hydraulic pump which controls the hydroguide and electro-hydraulic control (l/min.): 15.3
- Maximum hydraulic pressure (bar): 180

### Distributors
- Mechanical control to max. 4 hydraulic couplers.
- Rear (standard): 1 double acting (Hydraulic lift by ram) + 2 double acting (Draft and position control)
- Rear (optional): 1 single acting and 1 double acting with float or 2 double acting in addition to the standard one (Hydraulic lift by ram) + 1 single acting and 1 double acting with float instead of the standard one (Draft and position control).

### PTO clutch
- Multidisc, in oil bath.
- Engagement control: Electro-hydraulic.

### Electrical System
- Battery (Ah): 100
- Alternator (A): 80

### Rear Lift
- Standard: by two external rams
- Optional: draft and position control
- Three-point hitches: Standard: standard couplers cat. I - Optional: quick couplings cat. I, L-shaped lift arms, lift rods adjustable in length and hooks adjustable in width
- Three-point tie bar: With manual adjustment
- Lifting capacity at the end of the arms (kg): 1200

### Driving Unit
- Driving platform: Monodirectional or reversible with rotating platform and twin pedal assembly.
- Steering wheel: Adjustable.
- Service Brakes: Oil immersed multidisc, acting on the rear transmission, with mechanical control.
- Parking brake: Acting on the service brakes.

### Steering
- With hydrostatic steering, acting on the front wheels. Flow deviator for steering unit for the reversible version.

### Safety
- Roll-bar frame (standard): Front, homologated.

### Console
- Digital type: With chrono-tacho-thermometer, water thermometer, control warning lights and acoustic alarm. Reading of rpm, forward speed and rotation speed of power takeoff.

### Tyres
- Standard: 8.25-16
- Optional: 250/80-18, 280/70R18, 320/85R18, 360/70R20, 31x15.50-15 XTC and STG, 31x13.50-15 Garden

### Tow Hooks
- Standard: Rear CUNA and front
- Optional: Rear CUNA, L-shaped lift arms, lift rods adjustable in length and hooks adjustable in width

### Weight Operational
- With roll-bar (kg): 1560
- Optional: Accumulator for weight compensation HDR with Dual Floating System (only for reversible version), Flash light, front weight and weights for wheels.