



Vredo Dodewaard bv
Welysestraat 25a
6669 DJ Dodewaard (NL)
Tel. +31(0)488411254
info@vredo.com

**Your fields,
our passion**

vredo.com

ART.NUMBER

DETAILS

G00101056

VREDO VT7138

VREDO VT7138
Machine No.: 0113.017
Year of manufacture: 2022
Operating hours: 4,900 h
Options: tyre pressure system, Trimble GPS

Technical specifications

- Engine: Scania DC16 317A V8, 522 kW / 710 hp, water-cooled
- EU Stage 5 with SCR (AdBlue) and DPF
- Maximum torque: 3,320 Nm at 1,400 rpm
- Drive system: Vredo VVT700 CVT continuously variable transmission
- Two speed ranges: 0–20 km/h and 0–40 km/h
- Reverse speed: 0–17 km/h
- Fuel tank capacity: approx. 845 liters
- AdBlue tank capacity: 69 liters
- Fully air-suspended Claas comfort cab, incl. radio/CD player with Bluetooth (with external microphone for phone calls)
- Fully automatic climate control
- Control console integrated in the right armrest, incl. driving and slurry system joystick and touchscreen terminal
- All vehicle and slurry system data displayed on Hydac terminal
- Air-suspended Grammer Maximo super-comfort seat
- Instructor seat
- Electrically adjustable and heated mirrors, incl. kerb/approach mirror
- Efficient drivetrain thanks to EcoMode
- Cruise control with load limit control
- Permanent all-wheel drive with lockable longitudinal differential in the transmission for front axle and tandem rear axles
- Front and rear axles with transverse differential lock, switchable via pressure switch
- Steering: 6-wheel steering and crab steering; 100% crab steering on 1st and 2nd axle, partial crab steering on 3rd axle
- Tyres: Mitas 900/60 R42 SFT CHO 192 A8
- Hydraulically suspended front axle with pendulum damping; rear axles with automatic level control
- 3-point linkage, category 3 dimensions, double-acting rear linkage, self-steering in crab mode, torsion-suspended CAT 4 quick-coupler lower link hooks for implement suspension
- Actively controlled automatic ground adaptation: pressure-controlled, free-floating, distance-controlled or float position
- Lift stroke: 660 mm, maximum height approx. 1 m with 900 tyres
- Lifting capacity at ball ends: max. 105 kN (10.5 tonnes), continuous 75 kN (7.5 tonnes)
- External control for 3-point linkage on rear fenders for coupling/uncoupling implements
- Automatic lubrication system with 4-liter grease reservoir
- 1 closed-circuit pump: max. 267 l/min at 420 bar (slurry pump drive)
- 2 load-sensing pumps: each 170 l/min at 200 bar for external valves and internal functions (steering, cooling, suspension, etc.)
- 4 free double-/single-acting rear valves, adjustable from the cab
- Standard free return line 3/4"
- Reverse driving alarm
- Rear-view camera with LCD color monitor and speaker in the cab
- Connection for additional rear camera on the Trac
- Telescopic cylinder for tilting the tank on the chassis
- 2 rotating beacons on the cab



Vredo Dodewaard bv
Welysestraat 25a
6669 DJ Dodewaard (NL)
Tel. +31(0)488411254
info@vredo.com

**Your fields,
our passion**

vredo.com

- LED road lighting integrated in the front underrun protection
- 2 LED work lights on rear cab fenders
- 2 LED work lights underneath the cab
- 4 LED work lights in the cab roof
- Compressed air connections for cleaning cab and cooling system
- Rear compressed air quick coupling on the Trac
- Fire extinguisher, 5 kg
- Vredo Trac supplied as standard with emergency kit (main fuses, pressure sensors, connectors and O-rings)
- Standard 2-year Remote Teleservice license (Vredo Service can log into the machine remotely for troubleshooting). License can be extended after two years

CTIS VT7138-3 MOTOR COMPRESSOR

Central tyre inflation system via engine-driven compressor, 850 l/min at 4 bar and 1,500 rpm

- System for standard 900 tyres with overall width 3.0 m
- Air lines routed around the wheels, removable for road transport
- Operation from the cab
- Two settings: minimum and maximum pressure
- Actual tyre pressures displayed on touchscreen terminal; front axle and rear axles monitored separately

SUPPORT AXLE VT7138-3

- Support axle for VT7138-3
- Required for road approval when wide (≥ 30 m) trailing shoe or trailing hose applicators are mounted and the front axle load exceeds 11.5 tonnes
- Higher permitted gross vehicle weight

OPTION VT7138 TRIMBLE GPS TMX / RTK

- Trimble Autopilot RTK with TMX 2050 display
- TMX 2050 display with Precision IQ software
- AG25 GNSS antenna mounted at the rear above the pivot point of the lifting swivel frame
- Fully integrated into the Trac steering system
- Operates also in crab steering mode
- Supports GPS and GLONASS satellites
- Standard EGNOS signal: 0–30 cm accuracy (absolute 0–2 m)
- RTK accuracy: 0–2 cm (absolute 0–2.5 cm)
- Without RTK correction signal subscription
- Includes RTK SIM card modem
- RTK subscription to be arranged with supplier (Trimble) in consultation with customer
- Fully installed and tested

OPTION GPS SECTION CONTROL TRIMBLE VT7138

- Trac equipped with GeoSwitch ISO controller for connection between Trimble GPS system and dosing computer
- GeoSwitch ISO controller sends signals via CAN bus to the (optional) section control of the slurry applicator
- Slurry application rate automatically adjusted when switching sections
- Possibility to work with application maps
- No separate controller required for application maps
- Section control of slurry applicator via ISOBUS connector at rear of the Trac

GRAMMER MAXIMO EVOLUTION ACTIVE SEAT

- Grammer Maximo Evolution active seat MSG 95 EL/742 with active climate system and automatic weight adjustment
- Additional cost compared to standard seat



Vredo Dodewaard bv
Welysestraat 25a
6669 DJ Dodewaard (NL)
Tel. +31(0)488411254
info@vredo.com

**Your fields,
our passion**

vredo.com

WINDSCREEN WIPERS ON CAB DOORS

- Windscreen wipers on left and right cab doors
- Switches mounted in the upper cab area

EXTRA WORK LIGHTS ON FENDERS

- 2 additional LED work lights on the rear cab fenders

TANK VT7138-3 ZBV 32000Zs FLEXTANK

Standard equipment of the ZBV 32000Zs tank unit:

- Construction made of glass fibre reinforced plastic (GFRP) with 5 baffles
- Tank capacity: 25 m³ GFRP tank with inflatable rubber hood (7 m³) up to 32 m³
- Hydraulically tiltable tank
- Easily removable thanks to twistlock construction
- Venting and aeration
- Automatic pump shut-off during filling and emptying
- Mechanical and electronic level indication on terminal
- Adjustable filling volume via terminal
- 8" three-way valve at rear of tank for filling, emptying and recirculation
- LED work lighting at rear of tank
- Rotating beacon and camera at rear of tank
- 1 inspection hatch at rear of tank

6" HOSE TO APPLICATOR KKV 6" 20°

- 6" – 10 bar hose
- 6" KKV mounted at a 20° angle to the slurry distribution box
- 6" nut coupling for applicator
- Robust hose guidance for crab steering operation

ZBV 32000Zs PREPARATION FOR VOGELSANG SWINGMAX

- Transport hooks / holders on the tank
- Extended CAT 4 hooks
- 4-point tank mounting with reinforced frame
- Crab steering possible with the Trac, not with the applicator
- Slurry distribution box with 2x 6" quick couplings
- Hydraulic / electrical adaptations
- Software adaptation

PUMP-FILTER UNIT PF12000

Technical specifications of pump/filter suction arm unit:

- Complete unit mounted at the front of the frame
- Vogelsang positive displacement pump VX186-520QD, 12,000 l/min, hydrostatically driven
- Axial protection plates on the positive displacement pump
- Vredo cutting filter FT 6200 with hardened steel internals and ejector system, operable from the cab
- 10" DN250 front suction system, swivelling 135°
- Slurry pump return system
- Filling at reduced, variable engine speed
- Electro-hydraulic operation via multifunction joystick
- Adjustment of slurry system parameters via terminal
- Automatic suction arm operation
- 6" suction connection
- Integrated underrun protection with LED road lighting
- Underrun protection supplied as standard with flexible access step

TELESCOPIC DOCKING SUCTION ARM PF12000

- 10" suction arm tube extendable by 1.6 m



Vredo Dodewaard bv
Welysestraat 25a
6669 DJ Dodewaard (NL)
Tel. +31(0)488411254
info@vredo.com

**Your fields,
our passion**

vredo.com

- Docking over wide ditches up to approx. 7.2 m measured from the centre of the front axle, height up to 4 m
- With 10" docking ball
- 2 extension cylinders
- Air-operated sealing
- 4" aeration

CENTRIFUGAL LOADING PUMP PF12010

- Centrifugal pump mounted in the docking arm
- Additional loading capacity up to 16,000 l/min
- Hydrostatically driven with separate hydraulic pump, up to 200 hp drive power
- Vent valve
- Works together with the positive displacement pump in bypass mode

OPTION DRIVE FOR CENTRIFUGAL PUMP VT7138

Drive for centrifugal pump in the VT7138 docking arm

Required for options:

- 1932O100-01 = Centrifugal loading pump PF12010
- 1932O101-01 = DK silo suction arm & centrifugal pump

EXTRA WORK LIGHTS ON THE TANK

- 2 additional LED work lights at the rear of the tank next to the standard work lights
- Mounted 1 left and 1 right

