



Charging truck

UV211 Cabin on boom frame



ANFO Charging equipment. High speed and high charging density for face and up holes.

Technical features

- ANOL CC charging equipment.
- ANOL CC vessels with volumes of 300, 500, 750 or 1000 litres.
- Charging capacity of up to 130 kg per minute with high density.
- Crystalline/prilled ANFO, or 50/50 crystalline and prilled wich can be charged in all directions and in different sizes.
- Charging can be done with external air or onboard compressor, hydraulic driven by diesel engine or electric power pack.
- Heavy-duty carrier.
- The frame is made in heavy duty steel square tube joint with continous welds for maximum fatigue strength.
- Small turning radius gives high maneuverability in narrow drifts.
- The truck has articulated frame steering by two hydraulic cylinders. There is a safety locking device for maintenance.
- Excellent traction/speed performance.
- Diesel engine and hydrodynamic transmission.
- Four-wheel drive.
- The driver operates from a well protected FOPS approved canopy or cabin.
- The driver has a comfortable chair with arm-rests and the canopy is also provided with an extra seat for one passenger. Both seats are equipped with a two point safety belt.
- The axles on the truck are DANA Clark Hurth type Rigid 112/138.
- The brakes are oil cooled with wet multiple-disc brakes integrated in the axle. The service brake is hydraulic with inboard wet disc brakes. Spring applied hydraulic released (SAHR) parking and emergency brake.
- DANA Clark FT-24 000, is a full power shift transmission with torque converter and gear box (3/3). The gear changes through hydraulic wet disc clutches.
- Two hydraulic jacks on the boom side.
- Each component has been tested in the most difficult environments to be able to stand for hard conditions.

Standard

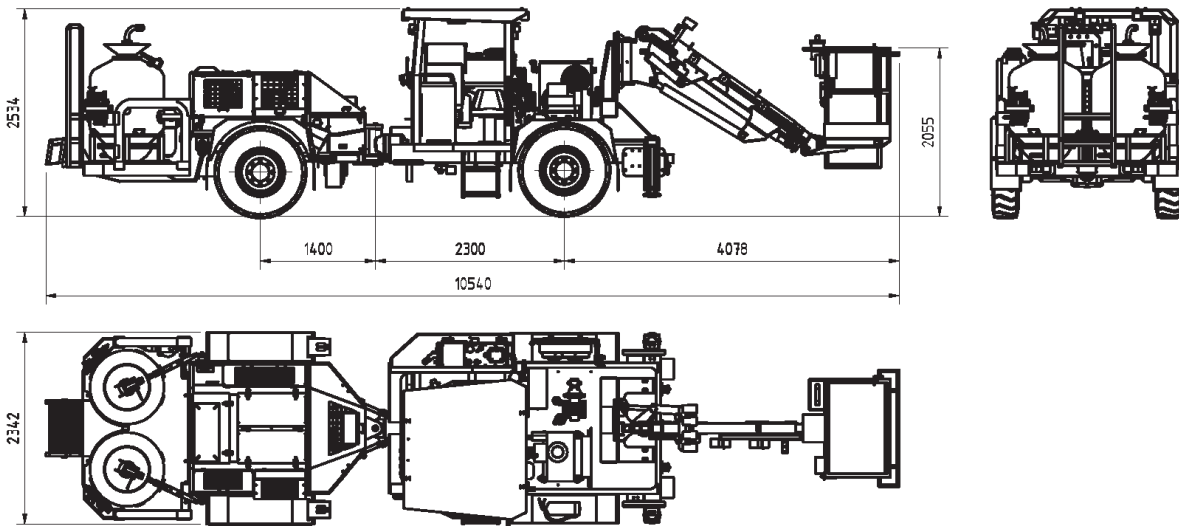
CE mark according to European standards.
Design norm: Directive 2006/42/EEC

Options

- Double outlet for connection of two charging hoses.
- Tripple hose.
- Nozzle for hose 30x38.
- Hose Pusher.
- Metre counter for hose Pusher.
- Equipment for replenishment of the charging equipment.
- Detonator box in basket.
- Storage deck and cabinets for packaged explosive, detonators and cord.
- Automatic fire extinguisher.
 - Fogmaker
 - ANSUL
- Emergency steering.
- LED light.
- Xenon light on roof, front or back.
- Flashing lights for turning vehicle.
- Brake lights (red light).
- Reversing lamp (white light).
- Yellow beacon.
- Cable reel with 5 slings, Pilot.
- Mirrors on the canopy
- Spare wheel with rim and tyre.
- Grease pump and container including hose reel.
- Lockable storage box under passenger seat.
- Fast filling Wiggins ZNC2A system.

Other options and dimensions on request.

Technical data



Standard electric system

Voltage	24 V
Battery capacity	2 x 12 V, 70 Ah
Headlight front	2 x 70 W
Headlight front on roof	2 x 70 W or 2 x 35 W
Headlight rear	2 x 70 W
Headlight rear on roof	2 x 70 W or 2 x 35 W
Loud-tone horn	1 x 60 W
Hour meter	Yes
Tachometer	Yes (Perkins) No (Deutz)
Voltmeter	Yes (Perkins) No (Deutz)
Fuel level indicator	Yes
Thermometer for engine	Yes (Perkins) Signal lamp (Deutz)
Audio back up alarm	Yes
Cable	Flame retardant

Compressor

Electrical	GDCT 12B Motor 30 kW
Diesel	CT 12D 30 HAA DH 4 m ³

Speed forward and reverse

Gear 1	6.1 km/h
Gear 2	12.7 km/h
Gear 3	26.8 km/h

Volume data-service

Fuel tank	170 dm ³
Hydraulic tank	approx. 170 dm ³
Engine with oil filter	14 dm ³ (Deutz) 6.5 dm ³ (Perkins)
Transmission	26 dm ³
Axles including planetary gear	20 dm ³

Dimensions

Length (transport)	10 540 mm
Width	2 342 mm
Height	2 534 mm
Total weight on truck	20 000 kg

Functional data

Ground clearance	368 mm
Height from ground to first step	419 mm otherwise option
Turning radius outer	6 862 mm
Turning radius inner	3 755 mm
Drive	4x4
Hill climbing ability	1:4
Rims	8.00 x 20
Tyres	12.00 x 20
Steering angle	± 40°
Oscillation	± 12°

The two engine options

The service truck comes with the option of two engines. The Deutz TCD 2013 L42V or the Perkins 1104D-E44TA

Deutz TCD 2013 L42V

Manufacturer	Deutz
Type	TCD 2013 L42V
Stage	IIIA
Design	4 cylinders in line water cooled
Max power	113 kW @ 2 300 rpm
Piston displacement	4.76 dm ³
Compression rate	17.6 : 1
Exhaust system	silencer
Aspiration	Turbocharged
Generator capacity	standard 28 V 80 A
Air filter	Standard air filter
Cyclonic Airfilter	Option
Fuel consumption at 100% efficiency	209 g/kWh = 0.17 L/kWh
Recommended fuel (Warranty cover)	EN590/2004 JIS K 2204: 1 and 31 ASTM D 975:1D-2D 2

Perkins 1104D-E44TA

Manufacturer	Perkins
Type	1104D-E44TA
Stage	IIIA
Design	4 cylinders in line water cooled
Max power	106 kW @ 2 200 rpm
Piston displacement	4.4 dm ³
Compression rate	16.2 : 1
Exhaust system	with silencer
Aspiration	Turbocharged
Generator capacity	max 100A, standard 24 V 55 A
Air filter	Standard air filter
Cyclonic Airfilter	Option
Fuel consumption at 100% efficiency	230 g/kWh = 0.28 L/kWh
Recommended fuel (Warranty cover)	DIN E 590 DERV (class A-F and 0-4) BS2869 Class A2 (Off highway, gas oil, red diesel) ASTM D975-91 Class 1-1DA and Class 2-2DA JIS K2204 (1997) Grades 1, 2, 3 and special grade 3 Diesel fuel mix with 5 vol% RME in accordance with proposal 51606 JIS J2203

Contact us for further information.

GIA Industri AB
Box 59
SE-772 22 Grängesberg
Sweden

Phone +46 (0)240 797 00
Fax +46 (0)240 797 25
Email: info@gia.se
Web: www.gia.se

Charging truck UV211