

Technical Specifications

1- Diesel Engine

Make / Model:	Deutz TCD 2013 L4 2V
Max. Power:	129 kW at 2300 rpm
Max. Torque	670 Nm at 1600 rpm
Engine Emission:	EU Stage 3A / US EPA Tier 3
Diesel Tank:	150 l

With Catalytic Converter and Silencer

2- Transmission

Drive Train:	Hydrostatic Four-wheel drive
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3- Axles & Tyres

Make / Model:	Dana Spicer 112
Type:	Planetary
Front:	+/- 8° Oscillating
Rear:	Rigid
Tyres:	12.00 – 20

4-Performance

Max. Gradient:	30%
Max. Speed:	24,5 km/h
Slow and fast 2-gear	

5-Steering

Articulation, +/- 43° Orbitrol Type
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6- Braking System

Service Brake:	Hydraulically powered two-circuit oil immersed multidisc brakes in both axles
Safety/Parking Brake:	Spring applied hydraulic released SAHR Fail safe

7-Chassis

Type:	Articulated, high strength steel
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8- Hydraulic System

Pump Type:	Fixed and variable displacement
Max. Pressure:	380 bar
Flow Rate:	510 l/min at 2300 rpm
Hydraulic Oil Tank:	150 l
Return Oil Filter:	25 µm
Oil level, filtration and temperature indicators	

9- Electric System

Battery:	24 V - 2x105 Ah
Protection:	IP65
Lights:	2 x 3000 Lumen Led in front of the operator cabin 2 x 1500 Lumen Led behind the operator cabin 2 x 1500 Lumen Led on rear bumper 2 x 3000 Lumen Led on front bumper 2 x 1500 Lumen Led on boom Turn signals and taillights
Box Type:	Stainless steel
Beacon Lamp:	Amber color for driving Blue color for working with explosives

10- Titan Closed Operator Cabin

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- Closed 1-person cabin
 - ROPS & FOPS level 2 certified (EN ISO 3471:2008 / EN ISO 3449:2008)
 - Mechanical suspension with manual tilt, weight, height adjustable, "T" shaped seat with 3-point seat belt
 - Rear view camera and LCD screen in operator cabin
 - Levers and indicators for all drive controls
 - In-cabin radio output and location (12V)
 - Cabin lighting
 - Heated wing mirrors
 - Document box under the seat
 - Equipment box

11- Dimension & Weight

Length:	8.500 mm
Width:	2.000 mm
Height:	2.450 mm
Inner Turning Radius:	2.710 mm
Outer Turning Radius:	5.360 mm

12- Accessories

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- Warning signs and label
 - 2x4 kg portable fire extinguisher
 - 2 Wheel chocks
 - Rear towbar
 - Rear light and alarm
 - Battery Isolator switch

13- Boom & Scaler Tip

Epiroc SB 302 Hydraulic Breaker
Tip diameter: 80 mm
Pressure: 100-150 bar
Operating Weight: 300 kg
Dust suppression system with manual water reel
Hose length: 30 m
Control from the Operator's Cabin
Scrap-Push Plate
Hydraulically powered 8 l/sec compressor for air flushing for breaker

Max. Boom Angle: 60° up, 10° down
Boom Swing: +/- 35°
Boom extension: 2

14-Control System

CAN Bus System
Gear Selector: APC
Engine: ECU
Control: Main ECU
Warning: 7" HMI Display
With CAN feature display

15-Safety

- Hydraulic support legs opening right and left
- 2 pcs mechanical inclinometer at chassis
- 2 pcs electronic inclinometer sensor for rolling and pitching angles

16-Other

- Hydraulic suspension system on the boom

17-Options

- Automatic centralized lubrication system
- Manual Centralized greasing system
- Electric socket in cabin 220 Volt – 150 Watt
- Air-conditioner (Heating and Cooling) in the cabin
- Automatic and manual activated fire extinguishing system (Linear wired)
- 24 V emergency steering
- Additional side view camera
- Spare wheel



