



Product Model Specification	
Customer:	Nevada Gold Mines
Project/Mine/Dealer:	Turquoise Ridge
Country:	United States
Market Area:	Americas
SalesArea:	USA

Equipment:	Sandvik DD422iE / Sandvik DD422iE (TS2-333:01)
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Site Info

Altitude -- 1000 to 1500 meters above sea level
Ambient temperature -- Between 0° and +30°C
Disassembly -- Not required
Electric standard -- US
Flushing -- Normal water
Frequency -- 60 Hz
Manual languages -- English
Sign/label languages -- English
Training -- Not required
Voltage -- 480 V

Equipment Specification

Sandvik DD422iE development drill:

- 1 x C400E undercarrier with electric driveline
- 1 x 160 kW electric motor for tramming and drilling
- 1 x Multivoltage system (380 - 1000 V, 50 and 60 Hz)
- 1 x FOPS/ROPS (ISO3449/3471) operator's cabin
- 1 x Cabin airconditioning and heating system
- 1 x CD/MP3-player, radio, loudspeakers and 12 V outlet
- 1 x Cabin safety grill and boot washer
- 2 x SJ500 hydraulic jacks (front)
- 2 x SJ600 hydraulic jacks (rear)
- 2 x RD525 rock drills (OMS125)
- 2 x TF500-12 feeds
- 2 x SB60 telescopic booms
- 1 x SICA control system platform
- 1 x Advanced torque control system for drilling
- 1 x Flushing flow control (2-boom)
- 2 x OW30 oil coolers
- 1 x SLU2 shank lubrication device
- 1 x CTN10 air compressor for shank lubrication
- 1 x WBP2 HP water booster pump
- 1 x Air and water outlets (quick coupling)
- 1 x MSE20 main switch gear
- 1 x TCR4CD automatic cable reel
- 1 x Remote control for cable and water hose reels
- 6 x 50 W (24 V) LED lights (front)
- 2 x 50 W and 2 x 17 W (24 V) LED lights (rear)
- 2 x Parking LED lights
- 1 x Stair and service lights
- 1 x Amber LED (24 V) flashing light
- 1 x Tramming alarm
- 1 x Carrier centralized greasing points
- 1 x Electric filling pump for hydraulic oil
- 1 x Manual greasing unit with pump, reel and nozzle
- 1 x Wheel chocks and holders (2 sets)
- 1 x Hand held fire extinguisher (type ABC)
- 1 x Cable kit for spare part programming
- 1 x Control system SW support package (1st year)

3 x SoNick batteries rental or purchased (select option)
1 x MySandvik Remote Monitoring
Sandvik standard colour scheme
Documentation:
2 x Operator's manual
2 x Maintenance manual
2 x Technical manual (in English only)
2 x Parts manual (in English only)
2 x Toolman CD



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Options

- *Feed length 18' instead of 12' (two feeds)
- SoNick batteries (3 pcs) for 400iE carrier (purchase option)
- Air mist flushing kit (IP5 cleaner and flow control for external air and water)
- Water hose reel THR2.5E and 65 m (Ø38 mm) hose
- Automatic greasing system for carrier and booms (2-boom)
- Bypass hydraulic oil filter
- High pressure (180 bar) cleaning system with reel (TS2-343)
- Indicator light for jacks (up and down)
- Rod rack (max load 400 kg) on carrier side
- Vacuum pump for hydraulic oil
- Current reducer unit
- Remote joystick controlled spot lights (2 pcs)
- Tramming cameras (rear and side)
- Data transfer (WLAN) including remote user interface (GUI) view
- Drilling automation package: Platinum (DD422i and DD422iE)

Extra Items

- Documentation: CATbase manuals
- Package: Harsh water environment
- Package: High ambient temperature (water flushing)
- Spare: RD525 rock drill
- Spare: Wheel assembly for NC400D carrier
- Special tools for RD520 and RD525 rock drills