



Product Model Specification	
Customer:	Stock
Project/Mine/Dealer:	122D70221-1 Canada Stock DD422iE
Country:	Canada
Market Area:	Americas
SalesArea:	Canada

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

Altitude -- 1000 to 1500 meters above sea level  
Ambient temperature -- 0°C...+25°C  
Disassembly -- Not required  
Drill bit diameter -- 45 mm  
Electric standard -- Canadian  
Flushing -- Normal water  
Frequency -- 60 Hz  
Manual languages -- English  
Manual languages -- French  
Sign/label languages -- English  
Sign/label languages -- French  
Training -- Not required  
Voltage -- 575 V

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## Equipment Specification

Sandvik DD422iE development drill:  
1 x C400E carrier with electric driveline  
1 x 160 kW electric motor for tramming and drilling  
4 x SoNick batteries (100kWh Total energy)  
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 carrier jacks (front)  
2 x SJ600 carrier jacks (rear)  
2 x RD525 rock drills (OMS125)  
2 x Rock drill shank adapter  
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)
- 1 x Knowledge box
- 1 x Sandvik standard colour scheme
- Documentation:
- 1 x Operator's manual
- 1 x Maintenance manual
- 1 x Technical manual (in English only)
- 1 x Parts manual (in English only)
- 2 x Toolman (USB key)



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## Options

- \*End-of-hole air flushing (including CT28)
- Water hose reel THR2.5E and 65 m (Ø38 mm) hose
- \*Feed length 18' instead of 12' (two feeds)
- Bit changer (12+2 bits) including SCR in both booms (bit diameters in site info)
- \*Foam filled tires (4 pcs)
- Automatic greasing system for carrier and booms (2-boom)
- Bypass hydraulic oil filter
- Fast filling and evacuation system for hydraulic oil
- Indicator light for jacks (up and down)
- Rod rack (max load 400 kg) on carrier side
- Vacuum pump for hydraulic oil
- Current reducer unit
- Outlet on carrier 110 V (15 A, single-phase, 1.6 kW)
- \*SoNick batteries (4 pcs) for 400iE/900iE carriers (rental option, see the terms and conditions)
- Remote joystick controlled spot lights (2 pcs)
- Indicator lights for boom movement prevention switch
- Access protector (mandatory in Europe with automated drilling)
- Automatic fire suppression system ANSUL (6 nozzles)
- Tramming cameras (rear and side)
- Data transfer (WLAN) including remote user interface (GUI) view
- Automation package: Platinum (DD422i/DD422iE)
- Boom collision avoidance (DD422i/DD422iE with automation package Platinum)

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## Extra Items

- iSURE IV (one year's license including iSURE I, II & III)
- Package: Anti-freezing (DD422iE)
- Package: Country specific options for Canada and USA
- Spare: Carriage for RD520 / RD525 rock drill
- Spare: RD525 rock drill
- Spare: Wheel assembly for C400E carrier (foam filled tire)
- Teleremote drilling operation (complete)
- Trailing cable and plug
- Pre-delivery Inspection
- Remote Monitoring Service
- 40 hrs Commissioning + 60 hrs Maintenance training + 60 hrs Operator Training (excl. travel)
- 2.5% Steel Surcharge