

Description of Equipment:

Sandvik DS411 (TS2-051:06)
Altitude -- 2000 to 2500 meters above sea level
Bolt diameter for BH -- 25 mm to 28 mm with rubber bolt holder
Bolt plate size -- Other bolt plate size (Please specify in INFO field) - 200 mm X 200 mm bolt plates
Disassembly -- Not required
Electric standard -- Standard (European)
Frequency -- 50 Hz
Grout cartridge (resin or cement) -- Not applicable
Manual languages -- Spanish
Nut size -- Other nut size (please specify in INFO field) - drawing to be supplied
Sign/label languages -- Spanish
Voltage -- 380 V

Basic Unit

Sandvik DS411 rock bolter:
1 x NC7N undercarrier with hydrodynamic transmission
1 x M-B OM904LA diesel engine (110 kW Tier3)
1 x FOPS/ROPS (ISO3449/3471) operator's cabin
-- Cabin airconditioning system
-- CD/MP3-player/radio, loudspeakers and 12 V outlet
-- Cabin protection grill and boot washer
2 x TJ40 hydraulic jacks (front)
2 x TJ60 hydraulic jacks (rear)
1 x RD314 hydraulic rock drill
1 x BH bolting head
1 x TBR60 telescopic boom
1 x TPC301EW control system
1 x HPP355 powerpack (55 kW)
1 x Star-Delta (380-690 V) or soft starter (575 V)
1 x OW30 oil cooler
1 x SLU1 shank lubrication device
1 x CTN10 air compressor for shank lubrication
1 x IP5 air cleaner for external air supply
1 x WBP1 water booster pump
1 x WP70 water pressure reduction valve
1 x MSE10 main switch gear
1 x 110 V or 230 V (16 A) outlet on carrier
1 x TCR3E automatic cable reel
1 x Remote controls for cable and water hose reel
6 x 50 W (24 V) LED lights (front)
4 x 50 W (24 V) LED lights (rear)
1 x 40 W (24 V) LED manual search light
2 x Parking LED lights
1 x Stair and service lights
1 x Trammig alarm
1 x Carrier centralized greasing points
1 x Electric filling pump for hydraulic oil
1 x Hand held fire extinguisher (type ABC)
1 x OptiMine / FDM / WLAN data transfer readiness
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

Options

Water hose reel THR2.5E and 100 m (Ø32 mm) hose
*Bolting system BC: Cement bolts and onboard cement mixer
*Bolting system S: Split-Set bolts

Bolt storage and bit rack on the front module (bolt length < 3 m)
Bolting head oiler for BC and BCS system (TS2-291)
Cement mixer dust collection system
Dry cement silo (500 kg) on carrier right side
Remote controlled washing system for bolting module (for cabin units)
Screen handler on dedicated boom
Cabin heating system (drilling and tramming)
Automatic greasing system for carrier and booms (2-boom)
High pressure (180 bar) cleaning system with reel (TS2-343)
Electric cable PUR (3x50 + 3x10) length 150 m for 380-480 V
Amber LED (24 V) flashing light
Automatic fire suppression system ANSUL (6 nozzles)
Tramming cameras (rear and side)
Wheel chocks and holders (2 sets)

Extra items

Documentation: Extra spare parts manual (printed)

Spare: Wheel assembly for NC7 carrier