

## HEADER INFORMATION

|                 |                     |
|-----------------|---------------------|
| SERIAL NUMBER   | 5413300             |
| REVISION NUMBER |                     |
| ITEM CODE       | 6020A0155           |
| PRODUCT DESCR.  | ROVER C 9.50 CONF.3 |
| ORDER DATE      | 15/01/2010          |
| DELIVERY DATE   | 22/03/2010          |
| ORDER CONF. N.  | ACOR010119/0005     |
| PROJECT N.      |                     |

## TECHICAL SPECIFICATIONS

|                        |                          |
|------------------------|--------------------------|
| NORMS                  |                          |
| COUNTRY OF DESTINATION | NORVEGIA                 |
| LANGUAGE               | NORVEGESE                |
| FREQUENCY              | 50 HZ                    |
| CONNECTION VOLTAGE     | 400 V                    |
| PHASE TYPE             |                          |
| PACKING                | ASSENTE                  |
| SUPPLY OF              | INSTALLATA SINGOLARMENTE |
| ALTITUDINE             | DA 0 A 1000 M S.L.M.     |

## ITEMS LIST

| QNT. | CODE    | DESCRIPTION                                                                                                                                                                                                                                                                            |
|------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 9080951 | N umerically controlled machining center R over C 9 . 5 0 Working fields - configuration 1 :X = 485 0 mm; Y = 1 9 35 mm; Z = 250 mmWorking fields - configuration 2 : X = 460 0 mm; Y = 1 9 35 mm; Z = 250 mmWorking fields - configuration 3 :X = 460 0 mm; Y = 1 9 35 mm; Z = 275 mm |
| 1    | 7022123 | CE Safety devices                                                                                                                                                                                                                                                                      |
| 1    | 7300616 | 8 ATS panel supports - L = 152 5 mm - 24 sliding bases                                                                                                                                                                                                                                 |
| 1    | 7350315 | Automatic positioning of 8 panel supports and sliding bases (EPS X-Y )                                                                                                                                                                                                                 |
| 1    | 7300504 | Belt conveyor for the removal of chips and off-cuts                                                                                                                                                                                                                                    |
| 1    | 7350247 | Multizone - 8 panel supports and 24 sliding bases                                                                                                                                                                                                                                      |
| 1    | 7350429 | 8 rear reference stops with a stroke of 115 mm                                                                                                                                                                                                                                         |
| 1    | 7350417 | 8 Stops with a stroke of 140 mm positioned at 1175 mm (L= 12 80 - 1525 - 1800 mm)                                                                                                                                                                                                      |
| 1    | 7350405 | 8 Stops with a stroke of 140 mm positioned at 375 mm (L= 12 80 - 1525 - 1800 mm)                                                                                                                                                                                                       |
| 1    | 7350191 | 4 Side stops with a stroke of 140 mm (2 Lh + 2 Rh) inclusive of the pneumatic system.                                                                                                                                                                                                  |
| 1    | 7350192 | 2 Additional side stops with a stroke of 140 mm (1 Lh + 1 Rh)                                                                                                                                                                                                                          |
| 1    | 7350194 | 4 removable central stops with a stroke of 140 mm (2 Lh + 2 Rh) inclusive of the pneumatic system                                                                                                                                                                                      |
| 1    | 7350195 | 2 Additional central stops with a stroke of 140 mm (1 Lh + 1 Rh)                                                                                                                                                                                                                       |
| 36   | 7350053 | Sensor for the detection of lowered stops                                                                                                                                                                                                                                              |
| 1    | 7350206 | Pneumatic system for bar supports - 4 independent work areas in X and Multizone                                                                                                                                                                                                        |
| 1    | 7350244 | 8 lifting bar supports for loading ease - H=74mm modules                                                                                                                                                                                                                               |
| 1    | 7300912 | Vacuum system for 2 250 m3/h pumpsIncompatible with the v acuum system for CFT                                                                                                                                                                                                         |
| 2    | 7300918 | 250 m3/h rotary veins vacuum pump for standard vacuum system                                                                                                                                                                                                                           |
| 1    | 7800240 | Configuration 3                                                                                                                                                                                                                                                                        |

| QNT. | CODE    | DESCRIPTION                                                                                                                                                                  |
|------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 7800241 | Composition C3-A1                                                                                                                                                            |
| 1    | SLOT1   | SLOT 1                                                                                                                                                                       |
| 1    | 7212061 | Operating unit with 5 interpolating axes<br>* Requires the sensors on all the pneumatic stops                                                                                |
| 1    | 7210023 | Prearrangement for the assembly of chip deflectors with pneumatic or inductive sensor on a 5-axes operating unit                                                             |
| 1    | 7291095 | Belt tool changer with 15 places for 5 axes unit                                                                                                                             |
| 1    | 7510070 | NC tool identification system for tools and aggregates.For vertical belt toolchanger with 10 or 15 positions, positioned on the Y axis carriage.                             |
| 1    | 7800244 | Composition C3-P1                                                                                                                                                            |
| 1    | 7212038 | Additional Z carriage for back operating units, controlled by an independent Z axis                                                                                          |
| 1    | 7200031 | Boring head BH 9 with quick change connections                                                                                                                               |
| 1    | SLOT2   | SLOT 2                                                                                                                                                                       |
| 1    | 7212069 | Peak Power electrospindle, with liquid cooling.High torque electrospindle, specific for hard machinings with low rotation speed.HSK F63 adaptor.Liquid cooling box required. |
| 1    | 7212032 | Operating device with 360° rotation and gear transmission.Incompatible with the flange for aggregate assembly.                                                               |
| 1    | 7212017 | Blowing unit with 4 nozzles for electrospindle *Requires ISO or HSK electrospindle<br>*Incompatible with Operating Unit with 5 Interpolating Axis                            |
| 1    | 7210022 | Prearrangement for the assembly of chip deflectors with pneumatic or inductive sensor on a standard electrospindle                                                           |
| 1    | 7210026 | <del>Prearrangement for mechanical copying unit</del><br><del>* Not compatible with the ring mechanical pressing unit</del>                                                  |
| 1    | 7291069 | Revolving tool changer with 10 places                                                                                                                                        |
| 1    | 7510007 | NC tool identification system, for tools and aggregates stored in the front tool changer on the Y/Z carriage.                                                                |
| 1    | 7291059 | Pick-up tool changer<br>* available only for Rover C configuration 3                                                                                                         |
| 1    | 7291073 | <del>Chain tool changer with 22 places at 180° center distance</del><br><del>* the pick-up tool changer can be reached only by the 5-axes electrospindle</del>               |
| 1    | 7510006 | NC tool identification system for tools and aggregates.For external, chain or revolver toolchanger, positioned on the X axis carriage (rear and front).                      |
| 1    | 7210032 | Iron gripper for chip deflectors with pneumatic or inductive sensor, positioned in the chain tool changer                                                                    |
| 1    | 7210030 | Iron gripper positioned on chain tool changer for chip deflector compatible with 5 axes electrospindle                                                                       |
| 3    | 7250008 | Mechanical copying unit for floating tracing with HSK F63 connection - tool dia. 111 mm                                                                                      |
| 1    | 7250088 | HSK F63 Aggregate with 2 outlets for horizontal routings, one outlet is in line with the electrospindle                                                                      |
| 1    | 7250085 | HSK F63 Aggregate with 1 spindle for routings on the panel bottom side                                                                                                       |
| 47   | 7270070 | Chip for tool data storage *Choose qty. 1 for each toolholder or aggregate required *Only for HSK toolholders or aggregates                                                  |
| 1    | 7570010 | Additional inverter for electrospindles                                                                                                                                      |
| 1    | 7570016 | Liquid chilling unit for liquid cooled systemsCapable to chill two electrospindles or one electrospindle and one liquid cooled boring head.                                  |
| 1    | 7000200 | Automatic lubrication system                                                                                                                                                 |
| 1    | 7530075 | Software update from BiesseWorks Basic machine to BiesseWorks Advanced machine                                                                                               |
| 1    | SR06045 | Electric prearrangement for machine interfacing with a loading/unloading robot. For Rover B and C                                                                            |
| 1    | SR06029 | inversione dir. tappeto trucioli                                                                                                                                             |