

**** TECHNICAL SPECIFICATIONS ****

ALTITUDE: 0 - 1000 METERS
CONNECTION VOLTAGE: 415 VOLT
COUNTRY OF DESTINATION: INDIA
FREQUENCY: 50 HZ
INSTALLATION: BRANCH BIESSE
LANGUAGE: ENGLISH
NORMS: EUROPEAN COMMUNITY
PACKING: CONTAINER
PHASE TYPE: THREE PHASE
SUPPLY OF: SINGLE MACHINE

ITEM CODE	DESCRIPTION	QUANTITY
9080218	Numerically controlled machining centres Rover B G The base machine includes: · mobile gantry structure with single Y axis · 1 back stop row with 140 mm stroke · 1 front stop row with 140 mm stroke · 4 side stops with 140 mm stroke (2 RH + 2 LF) including pneumatic system · Lifting bar support pneumatic system · 4 Lifting bar support for H=74 mm vacuum modules with front unloading · Automatic lubrication system · Auxiliary vacuum system · Vacuum system division in 2 working areas and 2 locking areas along X · Vacuum system depending from the quantity and type of selected pumps, up to max. 2 · Remote consolle · PC based Numerical control · Personal computer desktop with 3D video card and LCD 19" · Electrical equipment conditioned air · NOT CE safety system with 2 safety mats and perimetric high fence · Documentation · Maintenance equipment	1.00
9080913	Numerically controlled machining centre ROVER B 1938 G - COMP.1 - 3 / 4 AXES Working fields * : X = 3855 mm; Y (routing) = 1930 mm; Y (boring) = 1930 mm; Clearance: Z = 200 mm with H=74 mm vacuum modules; Z = 245 mm with H=29 mm vacuum modules; Loadable piece * : Y = 1930 mm - Clearance 60 mm with all operating groups Y = 1880 mm - Clearance 200 mm with all operating groups The base machine includes: · 6 ATS working tables - L = 1850 mm - 18 sliding bases · 1 back row of 6 reference stops with 140 mm stroke · 1 front row of 6 reference stops with 140 mm stroke at 1610 mm from back · 4 side reference stops with 140 mm	1.00

ITEM CODE	DESCRIPTION	QUANTITY
	stroke (2 DX + 2 SX) including pneumatic system·4 Lifting bar supports H = 74 mm with front unloading·Remote console·13.2 kW (17.7 HP) Electrospindle with ISO 30 adaptor and air cooling·C Axis prearrangement* For any technical details see the related layout	
7022275	Safety devices in conformity with the basic safety requirements of the regulation 2006/42/CE	1.00
7300706	2 Additional working tables L =1850 mmEach working table includes 3 carriages, 1 back stop and 1 front stop	1.00
7300698	ATS carriage in addition to the carriages already existing on base machine*Quantity depending from the total selected working tables	8.00
7350858	Pneumatic locking system divided in 2 work areas in X	1.00
AC010963	Battute di Rif. a 1078 mm per Pdl 1850	1.00
7350841	1 additional reference stop in Y with a stroke 140 mm Position in Y = size 16xx at 405 and/or 800 mm – size19xx at 530 and/or 1078 mm. *Quantity depending from the total selected working tables and reference row selected	8.00
7350192	2 Additional side stops with a stroke of 140 mm (1 Lh + 1 Rh)	1.00
7350053	Sensor for the detection of lowered stopsOne sensor on each stop the machine is equipped with should be selected.*Mandatory for 5-axes machines or Edge machines	30.00
7350842	2 additional lifting bar supports for loading ease - H=74 mm modules	1.00
7350056	12 clamping units for narrow pieces mechanical locking	1.00
7300804	250 m3/h rotary claws vacuum pump - Vacuum system required	1.00
7800120	Y Back moving carriage composition	1.00
7800205	Composition 1 - Carriage for 1 unit of 3 or 4 Axes	1.00

ITEM CODE	DESCRIPTION	QUANTITY
7212160	Additional Z carriage* For configurations 4 and 5 installed on front Y carriage* On Rover ATS : if selected as prearrangement for the installation of boring heads, is only compatible with BH10 and BH20* On Rover FT does NOT allow the subsequent retrofit of a boring head or front operating units* On Rover FT the selection is mandatory even for conf. 7	1.00
AC150915	Slot 1	1.00
7212813	13.2 kW (17.7 HP) Electrospindle with HSK F63 adaptor and air cooling,in replacement of the ISO 30 electrospindle of the base machine	1.00
7212127	360° rotation interpolating unit – Torque C-Axis * Requires the ISO or HSK electrospindle* Incompatible with the flange for the assembly of aggregates on an electrospindle* Incompatible with the mechanical pressing unit with pneumatic lowering	1.00
26484	Blowing unit for electrospindle* Incompatible with 5-axes units	1.00
AC150916	Slot 2	1.00
7200064	Boring head BH 17 L	1.00
7291163	16 positions Revolver Toolchanger, positioned on the X axis carriage * Incompatible with the 14 or 21 positions chain toolchanger, positioned on the X axis carriage* On Rover B, only for Configurations 1 and 3* On Rover B Edge is available for Configurations 1, 3, 4, 5; on Configurations 5 it can be used only by the 4-axes electrospindle* In case of integration of Synchro with configuration equal with Rover A 12-15-18 conf. 3A and revolver on X carriage, the maximum length of the tool from collet edge is 225 mm	1.00
7270063	HSK F63 tool holder for ERC40 collet - RH rotation *Maximum rotation speed 24,000 rpm *NOT inclusive of the ERC40 collet for tool locking	6.00
3407071	ERC40 elastic collet for tool locking - Diameter 11-12mm	1.00
3407082	ERC40 elastic collet for tool locking - Diameter 15-16mm	1.00
3407073	ERC40 elastic collet for tool locking - Diameter 17-18mm	2.00
3407075	ERC40 elastic collet for tool locking - Diameter 19-20mm	2.00

<i>ITEM CODE</i>	<i>DESCRIPTION</i>	<i>QUANTITY</i>
7001200	Complete set of tools for Rover machines running test	1.00
7530144	BiesseWorks Advanced - Machine versionIt requires the numerical control BH660.	1.00
7530074	BiesseWorks Advanced - Office version2 Hardware protection keys included * Requires the operating system Windows XP or Windows 7* For NC BH660, XP600 and NC1000 requires BiesseWorks Advanced - Machine version	1.00

**** SPECIAL EXECUTIONS ****

<i>ITEM CODE</i>	<i>DESCRIPTION</i>	<i>QUANTITY</i>
7350990	Vacuum module - Size 132x146 - H74mm, with high friction surface and integrated sealing gasket of the vacuum.It can be rotated through 360 degrees, with a step of 15 degrees	26.00
7350999	Vacuum module - Size 132x54 - H74mm, with high friction surface and integrated sealing gasket of the vacuum, equipped with rubber inserts to improve the piece seal in case of side pressures	10.00
ASR14381	Additional cost for EC regulations	1.00