
HEADER INFORMATION

SERIAL NUMBER	1000020374
REVISION NUMBER	
ITEM CODE	Biesse S.p.A. - Operating Unit
PRODUCT DESCR.	Rover A 1632 Smart
ORDER DATE	27/07/2017
DELIVERY DATE	20/10/2017
ORDER CONF. N.	17502265
PROJECT N.	

TECHICAL SPECIFICATIONS

NORMS	
COUNTRY OF DESTINATION	UCRAINA
LANGUAGE	RUSSIAN
FREQUENCY	50 HZ
CONNECTION VOLTAGE	400 VOLT
PHASE TYPE	THREE PHASE
PACKING	NO PACKING
SUPPLY OF	SINGLE MACHINE
ALTITUDE	

ITEMS LIST

QNT.	CODE	DESCRIPTION
1	9080237	Numerically controlled machining centres ROVER A SMART - Centralized manual lubrication system- PC-based numerical control with Windows - EC-UKCA Safety devices - Industry 4.0 - Integration with factory systems
1	9080887	Numerically controlled machining centre ROVER A SMART 1632Working fields : X = 3280 mm; Y = from 1580 to 1660 mm, according to working conditionsZ = 200 mm - 5 axes unit and boring unit, with modules H=74 mmZ = 245 mm - 5 axes unit and boring unit, with modules H=29 mmLoadable piece: Y = 1900 mm Length of the working tables (not included) = 1280 mmVacuum system - 2 areasAuxiliary vacuum system - 2 areasRM850 remote keyboard
1	7800151	Configuration 2Compatible with the Revolver toolchanger with 16 places and the side Rack toolchanger with 12 places.The toolchangers can also be retrofitted.
1	7300725	6 ATS panel supports - 18 sliding bases
6	7350943	Stop of the back line with a stroke of 115 mm and extension of 25 mm
6	7350957	Stop of the middle line, positioned at 1190 mm, with a stroke of 140 mm* Quantity depending from the total selected working tables
1	7350191	4 Side stops with a stroke of 140 mm (2 Lh + 2 Rh) inclusive of the pneumatic system.
16	7350960	Sensor for the detection of lowered stops
1	7350946	4 lifting bar supports for loading ease - H=74mm modules.
1	7300804	250 m3/h rotary claws vacuum pump
12	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
6	7350992	Vacuum module - Size 132x75 - H74mm, with high friction surface, integrated sealing gasket of the vacuum and prearrangement for needles. It can be rotated through 360 degree, with a step of 15 degree
6	7350993	Vacuum module - Size 132x54 - H74mm, with high friction surface, integrated sealing gasket of the vacuum and prearrangement for needles. It can be rotated through 360 degree, with a step of 15 degree

QNT.	CODE	DESCRIPTION
1	7300515	Belt conveyor for chips and off-cuts removal
1	7000207	Automatic lubrication system
1	7212875	13 kW (17.4 HP) operating unit with 5 interpolating axes, HSK F63 adaptor and liquid cooling.* Requires bSolid or another external software package approved by BIESSE to manage the 5 axes operating unit* Requires a liquid cooling unit between liquid cooling box and heat exchanger* Requires sensors on all the pneumatic stops * Requires one automatic tool changer or Pick-up tool changer* For Nesting machines requires the selection of the line of 6 additional stops positioned inside the worktable, when the vacuum modules H=74 are selected
1	7212830	Additional Z carriage for back operating units, controlled by an independent Z axis
1	7200064	Boring head BH 17 L
1	7570016	Liquid chilling unit for liquid cooled systemsCapable to chill two electrospindles or one electrospindle and one liquid cooled boring head.
1	7291155	Rack tool changer with 12 places installed on the basement
1	7291163	16 positions Revolver Toolchanger, positioned on the X axis carriage
1	7270066	Tool-holder with HSK F63 adaptor, equipped with a long flange for sawblade used on 5-axes unit
1	7001109	300mm sawblade for tool-holder with flange
1	7530392	bSolid 3D CAD-CAM program to design, simulate and manage the machining processes of the Biesse machining centers and boring machines. The use of additional optional modules allows to expand and specialize the performance of the bSolid base module.* Minimum requirements needed of the PC for installation in office:Processor: Intel Core I5 or I7RAM: At least 8 GB RAMWindows 10 64-bit Operating SystemnVidia Graphic Card compatible with OpenGL 4.4 with at least 2 GB RAMMaximum resolution 1920x1080 with 16M colorsSSD Hard DiskAt least 20 GB of free space on the Hard Disk
1	7530397	bSolid - 3 Axes MachiningModule for surface roughing and finishing with dedicated tools and machine interpolating movements in the 3 axis X,Y,Z.
1	7530398	bSolid - 5 Axes MachiningModule for surface machining with 5 Axis Unit and interpolating movements on all the 5 available axis (X,Y,Z,C,B).* The design of surfaces over which it's possible to apply these machinings requires at least one module on the choice between:bSolid - External format importbSolid - Surfaces DesignbSolid - Surfaces from image* It requires a machine with a 5 Axes Unit
1	7530396	bSolid - 3D EngravingModule for engraving on bi-dimensional geometries (2D).
1	7530393	bSolid - External format import.Module for the import of external files in the following formats: .SAB .SAT .CIX .BPP .EXP .MODEL .SESSION .CATPART .CATPRODUCT .CID .DAE .DWG .DXF .BMP .ICP .IGES . IGS .IPT .JPG .PRT .X_B .X_T .XMT_BIN .XMT_TXT .PDF (SOLO 3D) .PNT .PRT .3DM .PAR .PSM . SLDPRPT .STEP .STP .STL .TAS .VDA .OBJ .VMRL .WRL .
1	7530394	bSolid - Surface DesignModule for surface design.
1	7530213	Additional license for bSolid* It includes 1 USB key for software activation
5	7530214	Extra license for a single additional bSolid module.* Quantity depending from the quantity of additional modules selected