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		price list international 2/2009			
Qty.	Item no.		EUR without VAT	incl. 20% VAT	Total
	Milling Machines Basic 540 , working area 510 x 308 x 70 mm				
	90BA0540-GPA	Basic 540 DOS Basic Package (1) - kit incl. SF-C2 motor control unit and milling software V4 LT	2.270,00	2.724,00	
	90BA0540-EPA	Basic 540 DOS Beginner's Package (1) - as DOS Basic Package plus KRESS 800 FME, set of bits	2.440,00	2.928,00	
	90BA0540-PPA	Basic 540 DOS Power Package (1) - as DOS Basic Package plus tool and reference switches, high frequency spindle system, set of bits	3.950,00	4.740,00	
	90XSTB0540GP	Basic 540 Xpert Start Basic Package - kit incl. SF-C2 motor control unit, XpertLINK and milling software XpertMILL LT	2.680,00	3.216,00	
	90XSTB0540EP	Basic 540 Xpert Start Beginner's Package - as Xpert Start Basic Package plus KRESS 800 FME and set of bits	2.840,00	3.408,00	
	90XSTB0540PP	Basic 540 Xpert Start Power Package - as Xpert Start Basic Package plus tool and reference switches, high frequency spindle system, set of bits	4.445,00	5.334,00	
	90XADB0540GP	Basic 540 Xpert Advance Basic Package - kit incl. XpertCNC motor control unit and milling software XpertMILL basic version, tool and reference switsches	3.640,00	4.368,00	
	90XADB0540EP	Basic 540 Xpert Advance Beginner's Package - as Xpert Advance Basic Package plus KRESS 800 FME and set of bits	3.820,00	4.584,00	
	90XADB0540PP	Basic 540 Xpert Advance Power Package - as Xpert Advance Basic Package plus tool and reference switches, high frequency spindle system, set of bits	5.100,00	6.120,00	
	7DS4-MONTAGE	Assembly of STEP-FOUR Basic 540 milling machine	250,00	300,00	
	95ZELLEB0540	Protective cell for Basic 540	610,00	732,00	
	96-MUG-B0540	Supporting base for Basic 540	596,00	715,20	
	94VACUUMA3WR	Vacuum table 4530 for Basic 540, 450 x 300 mm	192,00	230,40	
	94VAC-MAT-A3	Protective top skin 4530, 450 x 300 mm (replacement)	7,00	8,40	
	97T-NUT-B540	T-slot plate for Basic 540	440,00	528,00	
	97T-NUTSPANN	T-slot fixing set (12 parts)	210,00	252,00	
	Milling Machines Basic 1000 , working area 1024 x 420 x 70 mm				
	90BA1000-GPA	Basic 1000 DOS Basic Package (1) - assembled incl. SF-C2 motor control unit and milling software V4 Pro, tool and reference switches	2.910,00	3.492,00	
	90XSTB1000GP	Basic 1000 Xpert Start Basic Package - assembled incl. SF-C2 motor control unit, XpertLINK and milling software XpertMILL LT, tool and reference switches	3.320,00	3.984,00	
	90XADB1000GP	Basic 1000 Xpert Advance Basic Package - assembled incl. XpertCNC motor control unit and milling software XpertMILL basic version, tool and reference switches	4.185,00	5.022,00	
	95ZELLEB1000	Protective cell for Basic 1000	810,00	972,00	
	96-MUG-B1000	Supporting base for Basic 1000	950,00	1.140,00	
	97T-NUT-B100	T-slot plate for Basic 1000	920,00	1.104,00	
	97T-NUTSPANN	T-slot fixing set (12 parts)	210,00	252,00	
	Milling Machines Precise 760 , working area 750 x 458 x 100 mm				
	90P0760STGPA	Precise 760 DOS Basic Package - assembled incl. SF-C2 motor control unit and milling software V4 Pro, extension module "Drawing and Object Manipulation" and "Reaming and Layer distribution", tool and reference switsches	4.980,00	5.976,00	
	90XSTP0760GP	Precise 760 Xpert Start Basic Package - assembled incl. SF-C2 motor control unit, XpertLINK and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches	5.680,00	6.816,00	
	90XADP0760GP	Precise 760 Xpert Advance Basic Package - assembled incl. XpertCNC motor control unit and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches, emergency stop switch	6.189,00	7.426,80	
	95ZELLEP0760	Protective cell for Precise 760	785,00	942,00	
	96-MUG-P0760	Supporting base for Precise 760	850,00	1.020,00	
	94VACUUMA2WR	Vacuum table 6040 for Precise 760, 600 x 400 mm	230,00	276,00	
	94VAC-MAT-A2	Protective top skin 6040, 600 x 400 mm (replacement)	11,00	13,20	
	97T-NUT-P760	T-slot plate for Precise 760	630,00	756,00	
	97T-NUTSPANN	T-slot fixing set (12 parts)	210,00	252,00	
	91MAGNETPREC	Magnetic valves for Precise 760	219,00	262,80	

(1) Since January 2007 the **Basic 540/1000 DOS packages** come with the milling software V4 Pro instead of the LT version without additional cost. Therefore the backfitting of the XpertMILL milling software is only possible at the full version's and not at the update's price.

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Qty.	Item no.		EUR without VAT	incl. 20% VAT	Total	
	Milling Machines Precise 1000 , working area 1015 x 598 x 100 mm					
	90P1000STGPA	Precise 1000 DOS Basic Package - assembled incl. SF-C2 motor control unit and milling software V4 Pro, extension module "Drawing and Object Manipulation" and "Reaming and Layer distribution", tool and reference switsches	5.420,00	6.504,00		
	90XSTP1000GP	Precise 1000 Xpert Start Basic Package - assembled incl. SF-C2 motor control unit, XpertLINK and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches	6.110,00	7.332,00		
	90XADP1000GP	Precise 1000 Xpert Advance Basic Package - assembled incl. XpertCNC motor control unit and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches, emergency stop switch	6.589,00	7.906,80		
	Milling Machines Precise 1000 U , working area 1015 x 600 x 160 mm					
	90P1000U-GPA	Precise 1000 U DOS Basic Package - assembled with supported guidings incl. SF-C2 motor control unit and milling software V4 Pro, extension module "Drawing and Object Manipulation" and "Reaming and Layer distribution", tool and reference switsches	6.980,00	8.376,00		
	90XSTP1000UG	Precise 1000 U Xpert Start Basic Package - assembled with supported guidings incl. SF-C2 motor control unit, XpertLINK and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches	7.690,00	9.228,00		
	90XADP1000UG	Precise 1000 U Xpert Advance Basic Package - assembled with supported guidings incl. XpertCNC motor control unit and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], tool and reference switches, emergency stop switch	8.136,00	9.681,84		
	Milling Machine Superior 1600 , working area 1550 x 998 x 195 mm					
	90XADS1600GP	Superior 1600 Basic Package - assembled with supported guidings and ball bearing spindles, incl. XpertCNC motor control unit and milling software XpertMILL basic version, Xpert[DRAW], Xpert[CAM], Xpert[3D], supporting base, tool and reference switches, emergency stop switch	15.760,00	18.912,00		
	95ZELLE1600	Protective cell for Superior 1600	1.860,00	2.232,00		
	97T-NUT-P160	T-slot plate for Superior 1600	2.045,00	2.454,00		
	97T-NUTSPANN	T-slot fixing set (12 parts)	210,00	252,00		
	Electronic Components Xpert					
	92XPRT-LINK	XpertLINK Windows-adaptor for SF-C2 (sold with a software licence only)	175,00	210,00		
	92XPRT-LIFA	Xport interface to control external systems (sold with a software licence only)	365,00	438,00		
	92XPRTCNC2A	XpertCNC Dynamic Step Control 2A (sold with a software licence only)	1.350,00	1.620,00		
	92XPRTCNC3A	XpertCNC Dynamic Step Control 3A (sold with a software licence only)	1.680,00	2.016,00		
	92XPRTCNC3F	XpertCNC Dynamic Step Control 2A-SFU with integrated high frequency converter (sold with a software licence only)	1.920,00	2.304,00		
	92XPRTNOTAU	Xpert emergency stop switch for immediate milling stop	42,00	50,40		
	92XPRT-H-BOX	Xpert remote control box	370,00	444,00		
	92XPRTRELA	Xpert relay box	430,00	511,70		

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	Milling Software Xpert				
	80XPERT-MILT	XpertMILL LT (available only together with SF-C2 motor control unit and milling machine)	220,00	264,00	
	80XPERT-MUPD	Update of XpertMILL LT to XpertMILL	470,00	564,00	
	80XPERT-MILL	XpertMILL basic version, single user licence	650,00	780,00	
	80XPERT1MCAD	Xpert[DRAW], extension module CAD-operation	110,00	132,00	
	80XPERT2MTEC	Xpert[CAM], extension module milling technology	380,00	456,00	
	80XPERT3MIMP	Xpert[3D], extension module import filter DIN-ISO G-code, 3D-DXF	250,00	300,00	
	80XPERT4MROT	Xpert[ROTATION], extension module rotation axis incl. activation of 4th axis in XpertCNC controller	490,00	588,00	
	80XPERT5MWZW	Xpert[WZW], extension module tool changer	350,00	420,00	
	92XPERT-USB1	USB-software protection key to prepare data on external PC (basic equipment)	55,00	66,00	
	92XPERT-USB2	USB-software protection key, see above (from second key on, max. 3 keys available per licence)	170,00	204,00	
	80XPERT-UPV2	Update of milling software V2 to Xpert MILL	370,00	444,00	
	80XPERT-3-LT	Update of milling software V3LT to XpertMILL LT	110,00	132,00	
	80XPERT-3-GV	Update of milling software V3LT to XpertMILL	580,00	696,00	
	80XPERT-UPV3	Update of milling software V3 Pro to XpertMILL	260,00	312,00	
	80XPERT-UPM1	Update of V3 extension module 1 "Drawing and Object Manipulation" to Xpert[DRAW]	30,00	36,00	
	80XPERT-UPM2	Update of V3 extension module 2 "Reaming and Layer Definition" to Xpert[CAM]	210,00	252,00	
	80XPERT-4-LT	Update of milling software V4LT to XpertMILL LT	70,00	84,00	
	80XPERT-UPD1	Update of milling software V4LT to XpertMILL basic version	540,00	648,00	
	80XPERT-UPD2	Update of milling software V4 Pro to XpertMILL basic version	160,00	192,00	
	80XPERT-UPD3	Update of V4 extension module 1 "Drawing and Object Manipulation" to Xpert[DRAW]	20,00	24,00	
	80XPERT-UPD4	Update of V4 extension module 2 "Reaming and Layer Definition" to Xpert[CAM]	160,00	192,00	
	80XPERT-UPD5	Update of V4 extension module 3 "3D-NC-Control" to Xpert[3D]	20,00	24,00	
	8WSL-FONT00	Single Line Fonts (6 pcs.) for Windows, engraving fonts	155,00	186,00	
	8SW-DP700400	DeskProto 5.x Lite, post-processor to create milling contours	248,00	297,60	
	8SW-DP700100	DeskProto 5.x full version, post-processor to create milling contours	995,00	1.194,00	
	Electronic Components DOS				
	9285000SF-C2	Motor control unit SF-C2 (sold only with a software licence)	480,00	576,00	
	92-RB-SFC200	Relay box for SF-C2 to control external devices (router, suction etc.)	130,00	156,00	
	92-RB-DONGLE	Relay box for interface to control external devices	152,00	182,40	
	92-RB-ACDC00	Relay box + to control magnetic valves and external devices	275,00	330,00	
	92-NOTAUSBOX	Combined emergency stop/relay box	560,00	672,00	
	Milling Software DOS				
	8SWFR4-XLT00	Milling software V4 LT	160,00	192,00	
	8SWUPDATE400	Update of milling software V4LT to V4 Pro	380,00	456,00	
	8SWFRPR4-X00	Milling software V4 Pro	490,00	588,00	
	8SWFR4-XM100	Extension module 1 "Drawing and Object Manipulation" (only available with V4 Pro)	90,00	108,00	
	8SWFR4-XM200	Extension module 2 "Reaming and Layer Distribution" (only available with V4 Pro)	220,00	264,00	
	8SWFR4-XM300	Extension module 3 "3D NC-Control" (only available with V4 Pro)	370,00	444,00	
	8SWUPD3-4L00	Update of milling software V3LT to V4LT	40,00	48,00	
	8SWUPD3-4P00	Update of milling software V3 Pro to V4 Pro	100,00	120,00	
	8SWUPD-XM100	Update to extension module 1 V4 (only available with V4 Pro)	10,00	12,00	
	8SWUPD-XM200	Update to extension module 2 V4 (only available with V4 Pro)	50,00	60,00	
	8SW-DONGLE00	LPT-software protection plug to prepare data on external PC (max. 3 per software licence)	30,00	36,00	
	8SW-DONG-USB	USB-software protection plug to prepare data on external PC (max. 3 per software licence)	55,00	66,00	
	8SW-DONGLF00	Dongle to control external systems (sold only with a software licence)	50,00	60,00	
	8SW-IF-PROFI	Interface to control external systems incl. current reduction (sold only with a software licence)	136,00	163,20	

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		Routers / Spindles			
	93PROXXON220	PROXXON IB/E 220V router	93,00	111,60	
	93KRE-800FME	KRESS 800 FME, router 800W, with 6 mm and 1/8" collet	179,00	214,80	
	04KRSZ120000	Cap nut for Kress 800 FME	18,20	21,84	
	04KRSZ120300	3mm collet for Kress 800 FME	29,00	34,80	
	04KRSZ120318	1/8" collet for Kress 800 FME	29,00	34,80	
	04KRSZ120600	6mm collet for Kress 800 FME	15,00	18,00	
	98-KR-ABSAUG	Suction collar 43mm incl. Brush for Kress router	115,00	138,00	
	7V-BUERSTE-1	Replacement brush for suction collar, 50mm	32,00	38,40	
	7V-BUERSTE-2	Replacement brush for suction collar, 60mm	32,00	38,40	
	98-KR-GRAVUR	Engraving device for height regulation for KRESS 800 FME router or other 43mm routers	310,00	372,00	
	93SFSPIND160	cable, 1/8" collet	1.640,00	1.968,00	
	93SF-SPINDWH	STEP-FOUR HF-spindle 160W, cased, incl. Cooling block, for use with XCNC Dynamic Step Control 2A-SFU with integrated HF-converter	945,00	1.134,00	
	98-SF-SLNASE	Sealing air nose for HF-spindle 160W incl. 6m tube, plug nipple and screw in union	52,00	62,40	
	98-SF-ABS160	suction adaptor for 160W spindle	12,50	15,00	
	98-SF-GRAVUR	Engraving device for height regulation for STEP-FOUR spindle system and Jäger HF-spindle 33A1	290,00	348,00	
	98-SF-ABSAUG	suction adaptor for engraving device	41,00	49,20	
	322-SFAK0760	HF-spindle-connecting cables for Precise 760/1000/1000 U and Superior 1000	68,00	81,60	
	322-SFAK1600	HF-spindle-connecting cables for Superior 1600	70,00	84,00	
	04SPANN1/8ZO	1/8" collet for 160W spindle	45,00	54,00	
	04SPANN3-0MM	3mm collet for 160W spindle	45,00	54,00	
	04SPANN235MM	2,35mm collet for 160W spindle	45,00	54,00	
	93SPIND42-2W	STEP-FOUR HF-spindle 42-2 W27 FS 300W, cased, incl. cooling block, converter, cable, collet 1/8"	4.066,00	4.879,20	
	928571IF-EXT	STEP-FOUR external HF-interface to control the HF-spindle 42-2 W27 FS 300W through the STEP-FOUR milling software	140,00	168,00	
	93-TMPE0-SET	ELTE asynchronous spindle 400W incl. external inverter, interface (for software control), 3 collets (3/3.5/6mm), from Precise 760 on	1.580,00	1.896,00	
	93TMPE0L-UMF	ELTE asynchronous spindle 400W incl. built-in inverter, 3 collets (3/3.5/6mm), from Precise 760 on	970,00	1.164,00	
	04-ER11-XXXX	collet ER11 1-7mm, in 0.5mm steps	10,80	12,96	
	93-HSD1KWSET	HSD asynchronous spindle 1000W incl. external converter, interface (for software control), 3 collets (3.5/6/8mm), only for Superior series	1.980,00	2.376,00	
	04-ER20-XXXX	collet ER20 2-13mm, in 0.5mm steps	13,60	16,32	
		Accessories for Milling Machines			
	00FS-VHM9001-1/8	Set of bits, solid carbide, 1/8" shank, two flutes (5 pcs., 0,6, 0,8, 1,2, 1,6, 2 mm)	39,70	47,64	
	00FS-VHM-XXX	Set of bits, solid carbide, 1/8" shank, two flutes (5 pcs. of typemm)	39,70	47,64	
	93SCHLEPPM01	STEP-FOUR plotting knife incl. knife holder, knife, set of films, sample disk	220,00	264,00	
	03-MHRD00501	Knife holder	76,00	91,20	
	03ERSATZMESS	Replacement knife	25,00	30,00	
	7VFOLIENSATZ	Set of films	11,00	13,20	
	93PLOTSTIFT	plotter-pen incl. 4 refills, for 33mm clamp collar	38,00	45,60	
	7V-CLEANSET	STEP-FOUR maintenance set incl. MAKRA assembly cleaner, service oil plus and SYNCO Super Lube	36,00	43,20	
	7VREIN-R3000	MAKRA assembly cleaner 600 ml R3000	5,00	6,00	
	7VSERVICEOIL	MAKRA service oil plus 300 ml	19,75	23,70	
	7VSUPER-LUBE	SYNCO Super Lube multi purpose grease, tube 85g	14,50	17,40	
	94-MINI-COOL	MINI-COOL mist spray unit (compressor not included)	165,00	198,00	
	94-MMS-1-UNI	Minimal quantity spray unit MMS-1 (compressor not included)	92,50	111,00	
	7VJOKISCHN-P	JOKISCH lubricant n-Paraffin, 10 kg	94,00	112,80	
	94KOMPRESSOR	GOLF 231-24 compressor, oilfree, 8 bar, 235 l/min, 1,5 kW	294,00	352,80	
	94GM80P-NILF	NILFISK GM80P high performance vacuum cleaner, for use with vacuum tables	370,00	444,00	
	94STATIC-MAT	STATIC-MAT engraving mat 300x300 mm	76,00	91,20	
	7VMULTI-TAPE	MULTI TAPE double sided tape, 25 mm wide, 50 m long	15,00	18,00	

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Qty.	Item no.		EUR without VAT	incl. 20% VAT	
		WING designer V2 Wing Construction Programme			
	8S4-WD-UPDV2	Update to WING designer V2	50,00	60,00	
	8S4-WD-GRUND	Basic module V2 incl. wing editor, data base and printing function	240,00	288,00	
	8S4-WDPROFIL	Extension module airfoil editor incl. HPGL-export	95,00	114,00	
	8S4-WD-S4PRO	Extension module milling and DXF for the export of STEP-FOUR milling files (SMF) and DXF-files into STEP-FOUR milling software V3/4	145,00	174,00	
	8S4-WD-S4CUT	Extension module cutting for the export of STEP-FOUR cutting files (SWF) into STEP-FOUR cutting software V3	120,00	144,00	
		Wing Cutting Machines PC-CUT Standard working area 320 x 560 x 300-1400 mm			
	90STSNGRUNDP	Wing Cutting Basic Package - kit incl. SF-C2 motor control unit, wing cutting software V1.66	2.130,00	2.556,00	
	90STSNKOMPPA	Wing Cutting Complete Package - as Basic Package plus cutting transformer	2.465,00	2.958,00	
	90STSNPROFIP	Wing Cutting Professional Package - as Complete Package plus professional cutting software V4 Pro	3.125,00	3.750,00	
		Professional Cutting Machine PC-CUT working area 1000 x 1000 x 300-1400 mm			
	90CUT1000KPA	system and supporting base	11.200,00	13.440,00	
	98-DREHT-CUT	Turntable with software extension (only for PC-CUT 1000)	2.540,00	3.048,00	
	7D-DREHT-MON	Assembly of turntable	210,00	252,00	
		Components and Accessories for Cutting machines			
	8SW-CUT--V1X	Wing cutting software V1.66 (not possible with external systems)	110,00	132,00	
	8SW-UPDSN300	Update of V2 to cutting software Version 3 Pro	102,00	122,40	
	8SWSNUPDV400	Update of V3 to cutting software Version 4 Pro	100,00	120,00	
	8SWSNX-LT400	Cutting software V4 LT	295,00	354,00	
	8SWSNUPDLT00	Update of V4LT to V4 Pro	490,00	588,00	
	8SWSNPR4-X00	Cutting software V4 Pro	753,00	903,60	
	8SWSNPR4M100	Extension module 1 "Drawing and Object Manipulation" (only available with V4 Pro)	90,00	108,00	
	8SWSNPR4M200	Extension module 2 "Turntable control"	370,00	444,00	
	8SW-DONGLE00	LPT-software protection plug to prepare data on external PC (max. 3 per software licence)	30,00	36,00	
	8SW-DONG-USB	USB-software protection plug to prepare data on external PC (max. 3 per software licence)	55,00	66,00	
	8SW-DONGLF00	Dongle to control external systems (sold only with a software licence)	50,00	60,00	
	8SW-IF-PROFI	Interface to control external systems incl. current reduction (sold only with a software licence)	136,00	163,20	
	9285400420ST	Cutting transformer for software-controlled cutting temperature	410,00	492,00	
	7VW-06-KONFI	Replacement wire, ready made	25,00	30,00	

Terms and conditions: We deliver according to the general conditions of the Austrian Electro- and Electronic Industry. Prices are net, ex factory, without taxes, insurance, customs and shipping charges. Payment before delivery. After written order you receive an order confirmation indicating the expected date of delivery and the amount to pay. This amount has to be paid by check, money order, cashier's check or credit transfer. Time of delivery is approx. 2 weeks after receipt of order. Previous price lists are obsolete. Terms and conditions are subject to correction and change without notice.
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