

Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.*	Stock*	WPC*	РОН*		Sales price in \$
1599	B-axis cable S models	including B-axis board and mounting material		0.400 lb 85444290	DE	S			1		-	1 PCS	238.00
1917	Control cable blank changer	connecting cable between control unit G12/S5 and blank changer control unit		0.050 lb 84799070	DE	S			-		-	1 PCS	106.00
30448	Control unit S5	with pre-installed INI file — including mounting material		3.500 lb 85439000	DE	S		X	1		-	1 PCS	7,400.00
1451	Controller blank changer G12/S5			0.250 lb 85439000	DE	S		X	1		-	1 PCS	1,430.00

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Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	РОН*	PU*	Sales price in \$
2052	Data cable Renfert SILENT CAM	plug with 6 pinslength 5 m		0.364 lb	85087000	DE	U		-		-	1 PCS	74.00
1547	End switch	including roller lever and cable		0.035 lb	84799070	CZ	S		1		-	1 PCS	48.00
30367	Flow sensor	sensor without moving parts including mounting material and hose connectors		0.772 lb	90261021	FR	S		1		-	1 PCS	639.00
1832	Glass fuse T6.3A L250V	PU 10 pieces		0.002 lb	84799070	DE	U		-		-	1 PU	9.60

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1977	Gripper motor cable			0.046 lb	85444290	DE	S		1		-	1 PCS	32.00
30084	Internal USB cable			0.500 lb	85444290	CN	S		-		-	1 PCS	36.00
30449	Ionizer cover sensor	including mounting material		0.059 lb	84799070	DE	S		1		-	1 PCS	194.00
30463	Ionizer module	including mounting material		0.397 lb	84799070	DE	S		-		-	1 PCS	1,540.00

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Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.*	Stock*	WPC*	РОН*		Sales price in \$
1610	LED lighting for blank changer, white	light color white		0.200 lb 84799070	DE	S			1		-	1 PCS	216.00
1608	LED strip, white	light color white	100 market and 100 ma	0.050 lb 84799070	DE	S			-		-	1 PCS	157.00
1802	Loading unit board	including strain relief and mounting material		0.050 lb 84799070	DE	S			-		-	1 PCS	85.00
30450	Measuring key	including mounting material	111	0.033 lb 85365019	JP	S			1		-	1 PCS	582.00

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Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.*	Stock*	WPC*	РОН*		Sales price in \$
30451	Power input module	including mounting material		1.499 lb 84799070	DE	S			-		-	1 PCS	482.00
1589	Power supply cord B	 connector plug up to 120 V plug type B length approx. 1.8 m UL certified 		0.700 lb 85444290		U			1		-	1 PCS	14.00
30588	Pressure sensor board		Controlled Circuitors	0.400 lb 84799070	DE	S			-		-	1 PCS	735.00
1595	Proximity switch	including cable	COC	0.050 lb 84799070	HU	S			1		-	1 PCS	100.00

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Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock	WPC*	РОН*	PU*	Sales price in \$
30452	Spindle cable			0.772 lb	85444290	DE	S		1		-	1 PCS	336.00
1590	Switching mode power supply 100 W/24 V			1.190 lb	84799070	DE	S		1		-	1 PCS	262.00
30453	Switching mode power supply 750 W/48 V	- including mounting material Usable with machines whose serial numbers start iwth S5ID, S1ID2 or S2ID3.	TITE TO SERVICE TO SER	3.880 lb	85444290	DE	S		1		-	1 PCS	641.00
1611	USB cable	USB cable PC to machinelength approx. 1.8 m		0.150 lb	85444290	DE	U		-		-	1 PCS	13.10

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Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.*	Stock*	WPC*	РОН*	PU*	Sales price in \$
1612	USB connecting socket	without mounting material		0.100 lb 84799070	DE	S			-		-	1 PCS	30.00
30454	X-axis cable	including X-axis board and mounting material		0.121 lb 85444290	DE	S			-		-	1 PCS	294.00
30455	Y-axis cable	including Y-axis board and mounting material	*****	0.121 lb 85444290	DE	S			-		-	1 PCS	294.00
30456	Z-axis cable	including Z-axis board and mounting material		0.198 lb 85444290	DE	S			1		-	1 PCS	294.00

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Housings and Accessories

Art. No.	Description	Specifications	Picture Wei	ght	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock	WPC*	POH*	PU*	Sales price in \$
30535	Blank magazine door	including mounting material	0.0	00 lb	84799070	DE	S		-		-	1 PCS	641.00
30596	Front cover S5, type vhf	including handle and mounting material	0.0	00 lb	84799070	DE	S		-		-	1 PCS	920.00
1703	Gas spring 40 N	for front cover workpiece changer including mounting material	0.0	75 lb	83024900	DE	S		1		-	1 PCS	65.00
1567	Gas spring 70 N	for working area covers including mounting material	0.0	50 lb	83024900	DE	S		2	X	2	1 PCS	65.00

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Housings and Accessories

Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.* S	No.* Stock*	WPC*	POH*	PU*	Sales price in \$
1651	Hinged actuator for door locking switch			0.022 lb	84799070	JP	S		1		-	1 PCS	15.80
30594	Housing cover ARGEN Equipment SE	powder-coated metal housing: - colour signal white RAL 9003 - including foil labelling and housing screws - with identification plate		33.070 lb	84799070	DE	S		-		-	1 PCS	1,290.00
1814	Housing foot			0.003 lb	84799070	AT	U		-		-	1 PCS	9.80
1423	Housing screws	hexagon socket screwPU 20 pieces		0.100 lb	73181562	DE	S		1		-	1 PU	11.40

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Housings and Accessories

Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	POH*		Sales price in \$
1650	Interlock switch		TACOMA TO THE PARTY OF THE PART	0.450 lb	84799070	DE	S		1		-	1 PCS	421.00
1872	LED frames	including mounting material		0.100 lb	84799070	DE	Ø		-		-	1 PCS	58.00

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Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	РОН*	PU*	Sales price in \$
1761	Angle	including mounting material		0.024 lb	84799070	DE	S		-		-	1 PCS	19.60
1676	Angle plate	 for B axis cable S models including mounting material 		0.088 lb	84799070	DE	S		-		-	1 PCS	39.00
1681	Ball screw drive X-axis	including mounting material		1.150 lb	84799070	DE	S	X	-		-	1 PCS	1,240.00
1680	Ball screw drive Y-axis	including mounting material		1.050 lb	84799070	DE	S	X	-		-	1 PCS	1,200.00

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Art. No.	Description	Specifications	Picture W	Veight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	РОН*	PU*	Sales price in \$
1682	Ball screw drive Z-axis	including mounting material	1	1.000 lb	84799070	DE	S	X	-		-	1 PCS	1,110.00
1661	Bellows coupling	including screws		0.022 lb	84799070	DE	S		1		-	1 PCS	67.00
1575	Blank frame S2/S5	complete with fixing bows and fixing screws		0.400 lb	84799070	DE	U		3		-	1 PCS	131.00
30457	Carriage cover hinge			0.047 lb	84799070	DE	S		-		-	1 PCS	69.00

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Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	РОН*	PU*	Sales price in \$
1737	Chain link	for power chainPU 4 pieces		0.044 lb	84799070	DE	S		-		-	1 PU	22.90
1688	Chain tensioner			0.200 lb	84799070	DE	S		-		-	1 PCS	79.00
1709	Clamping pin workpiece holder	Set, consisting of: - clamping pin - pressure springs - screws - bushings - PU 4 pieces		0.150 lb	84799070	DE	S		1		-	1 PU	102.00
1677	Drive chain (blank magazine)	for blank changerchain and chain coupling		2.010 lb	84799070	DE	S		-		-	1 PCS	29.00

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Art. No.	Description	Specifications	Picture	Weight	Customs Tariff No.	C/O*	SL*	WL.* S	No.* Stock*	WPC*	POH*	PU*	Sales price in \$
1698	Drive gear workpiece changer	including mounting material		1.290 lb	84799070	DE	S		-		-	1 PCS	95.00
1576	Drive unit gripper carriage			0.600 lb	84799070	DE	S		-		-	1 PCS	426.00
1577	Drive unit release carriage			0.550 lb	84799070	DE	S		-		-	1 PCS	442.00
1697	Drive unit work piece changer	consisting of: - stepping motor - planetary gear - gear wheel, outer diameter 118 mm - support plate - screws		3.800 lb	84799070	DE	S		1		-	1 PCS	753.00

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1732	Energy chain	for connections on the loading unit		0.044 lb	84799070	DE	S		-		-	1 PCS	52.00
1500	Fixing bow set for blank frame S2/S5	 including mounting material set of 2 pieces 		0.088 lb	84799070	DE	U		4		-	1 SET	20.50
1837	Fixing bow set for blank frame S2/S5	including fixing screwsset of 2 pieces		0.088 lb	84799070	DE	U		1		-	1 SET	64.00
1570	Fixing insert for tool changer	rubber inserts for tool changerPU 2 pieces			84799070		U		5	X	1	1 PU	20.50

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1541	Gripper stopper	including mounting material		0.050 lb 84799070	DE	S			-		-	1 PCS	24.60
1803	Harmonic drive	including harmonic drive grease		0.441 lb 84834090	DE	S	X		-		-	1 PCS	2,950.00
1708	Release lever	consisting of: - pneumatic cylinder - attachment - levers - bearings - shafts - screws - pins		0.570 lb 84799070	DE	S			-		-	1 PCS	524.00
30458	Spindle sealing	including metal plate and mounting material	40 \$40	0.661 lb 84799070		S			1		-	1 PCS	125.00

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Art. No.	Description	Specifications	Picture	Weight Custo	ms C/ No.	D* SL	* WI	* SNo	.* Stock	* WPC	POH*	PU*	Sales price in \$
1592	Stepping motor			0.850 lb 8501	091 C	N S			1		-	1 PCS	206.00
1804	Strain relief	including mounting material		0.013 lb 84799	070 D	E S			-		-	1 PCS	15.50
1699	Tension spring B-axis	including mounting material		0.050 lb 84799	070 D	E S			-		-	1 PCS	22.20
30459	Tool magazine cover	including mounting material	8 8 8	0.040 lb 84799	070 D	Ē U			-		-	1 PCS	47.00

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1700	Toothed rack	including mounting materiallength 220 mm		0.066 lb	84799070	DE	S		-		-	1 PCS	46.00
1701	Toothed rack	including mounting materiallength 118 mm			84799070	DE	S		-		-	1 PCS	39.00
1690	Workpiece holder			0.027 lb	84799070	DE	S		-		-	1 PCS	238.00

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1678	Blank frame release	including pneumatic connectors and mounting material		0.800 lb	84799070	DE	S		-		-	1 PCS	174.00
1686	Bulkhead fitting	for 6 mm pneumatic hosemax. 10 bar		0.050 lb	84799070	DE	S		-		-	1 PCS	9.50
1687	Bulkhead fitting	- for 6 mm hose - max. 20 bar		0.100 lb	84799070	DE	S		-		-	1 PCS	10.50
1828	Bulkhead fitting	for 4 mm hose		0.024 lb	84799070	JP	S		-		-	1 PCS	11.40

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1825	Filter element for service unit MICRO	date of manufacture of the machine from 04/2014		0.004 lb 84219990	HU	U		5	Х	2	1 PCS	9.00
1922	Plastic hose 4 mm	UL-94-certifiedPU 3 m		1.587 ozm	CZ	S		-		-	1 PU	15.20
1664	Plastic hose 6 mm	UL-94-certified10 bar max.PU 3 m		0.015 lb 39173200	DE	U		1		-	1 PU	15.20
1675	Plug connection USA			0.044 lb 84799070		S		-		-	1 PCS	9.90

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30460	Pneumatic cylinder carriage cover	including hose connections and mounting material		0.242 lb	84123100	DE	S		-		-	1 PCS	228.00
1666	Service unit MICRO	with water separator, manometer and pressure regulator		0.500 lb	84811005	DE	U		1		-	1 PCS	159.00
1673	Short stroke cylinder			0.270 lb	84799070	DE	S		-		-	1 PCS	95.00
1580	Solenoid valve MHE3	UL certified, cast-on connection wire		0.400 lb	84812090	DE	S		1		-	1 PCS	121.00

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1499	Solenoid valve MHP1-UL	for mounting at valve terminal, including – 2 screws – hose connector and plug-in connection wire – for UL certified machines – installed in S models since November 2013		0.816 lb	84812090	DE	S			1		-	1 PCS	74.00
1683	Throttle check valve	for hose diameter 4 mm		0.050 lb	84818079	CN	S			-		-	1 PCS	14.00

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30461	Accessory case S5	complete machine accessories	7.8	837 lb	84799070	DE	U		-		-	1 PCS	641.00
1910	Blank frame tower (BFT)	without blank frames	13.2	228 lb	84799070	DE	U		-		-	1 PCS	852.00
1725	Calibration blank 10 mm	 material PU diameter 98 mm thickness 10 mm 	0.5	500 lb	39211390	DE	U		1	X	3	1 PCS	7.50
1501	Calibration set	consisting of: - 3 x calibration blanks 10 mm made of polyurethane - 1 x 2,0 mm radius cutter for plastics - 1 x Digital micrometer screw gauge	1.3	300 lb	84799070	DE	U		3		-	1 PCS	233.00

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1744	Cylinder head screw for spindle attachment	for S modelsPU 6 pieces		0.050 lb	73181568	DE	S		-		-	1 PU	9.90
1641	Elbow fitting for vacuum sensor			0.020 lb	84799070	DE	U		-		-	1 PCS	13.20
1850	Fin Food Lube	- for linear guiding - PU 250 ml safety data sheet: http://download.vhf.de	FEMILE 2014 In June WE CONTROL WE WANTED WE WANTED	0.500 lb	27101999	NL	S		1	X	1	1 PCS	64.00
1574	Fixing screw blank frame S2/S5	PU 4 pieces		0.044 lb	73181562	DE	U		1		-	1 PU	5.30

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1846	Flexible crevice nozzle			0.379 lb	84799070	MY	U		-		-	1 PCS	74.00
1923	Grub screw M5x10 A2	PU 3 pieces		0.044 lb	73181535	DE	U		1	X	1	1 PU	5.30
1540	Hose connection	Connection adapter for 45 mm suction hose		0.350 lb	84799070	DE	U		2		-	1 PCS	31.00
30462	Ionizer cover			0.397 lb	84799070	DE	U		-		-	1 PCS	172.00

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30464	Ionizer cover gasket			0.011 lb	84799070	DE	S		1		1	1 PCS	8.20
1543	M3 thread insert with assembling aid	 for blank frame S2 and S5 and block holder S1 and S2 to be glued with Loctite 603 		0.004 lb	84799070	DE	S		10		-	1 PCS	6.50
30059	M5 thread insert with assembling aid			0.010 lb	84799070	DE	S		10		-	1 PCS	6.50
2054	Maintenance kit S models service level U	 includes all supplies needed for end users to perform maintenance after approximately 1,000 milling hours instructions on how to use the SL U maintenance kit can be found in the user guide 	Acceptance to \$1.700	0.820 lb	84799070	DE	U		2		1	1 PCS	263.00

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1667	Sealing tape self-adhesive	Sealing for working area1000 mm		0.050 lb	84799070	DE	S		1	X	1	1 PCS	14.70
1674	Spindle sealing			0.002 lb	84799070	DE	S		5		-	1 PCS	9.60
30336	Spindle sealing lip cover	including mounting material		0.221 lb	84799070	DE	S		-		-	1 PCS	59.00
2020	Transport lock S models	for spindle SFS 300P		0.117 lb	39239000	DE	U		1		-	1 PCS	23.70

^{*} PU = packing unit | C/O = country of origin | SL = service level (U=user, S=service | WL = warranty limitation | SNo. = serial number required | Stock = stock recommendation * WPC = wear parts and consumables | POH = parts on hand (recommended minimum quantity for on site service calls)



Art. No.	Description	Specifications	Picture V		Customs Tariff No.		SL*	WL.*	SNo.*	Stock*	WPC*	POH*		Sales price in \$
1865	White Grease	- for ball screw spindles - tube 150 ml safety data sheet: http://download.vhf.de	Mariner Committee Committe	0.500 lb	27101999	NL	U			1	Х	-	1 PCS	63.00

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Spindles and Accessories

Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock	* WPC	POH*	PU*	Sales price in \$
1728	Collet chuck 3 mm, rust-proof	packed separately	AND COMMENTS OF THE PARTY OF TH	0.013 lb 84661020	DE	U		2	X	2	1 PCS	180.00
1524	High frequency spindle SFS 300P	- high frequency spindle rotational speed 5,000 to 60,000 RPM maximum power output 600 W continuous power 300 W 4-fold bearing hybrid ceramic ball bearings stainless steel collet chuck including service set (order no. 1730) and mounting material version with blocking air and cone cleaning including pneumatical collet chuck	The state of the s	2.900 lb 84799070	DE	S		X 1	X	1	1 PCS	4,950.00
1730	Spindle service set	for collet chuck maintenance	SPINDLE SERVICE SET Thursel ha Charley thath Charley thath	0.132 lb 96039099	DE	U		1	Х	1	1 PCS	57.00

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Tools

Art. No.	Description	Specifications	Picture We	/eight	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock*	WPC*	РОН*	PU*	Sales price in \$
1901	Bit extension	length: 150 mmtype: C 6.3 (1/4 in)magnetic	0.	0.110 lb	82042000	DE	U		-		-	1 PCS	27.00
1512	Dial indicator with stand	- with 3D articulated arm and clamp stand - for true running and axis backlash measurements - measuring accuracy ± 0.01 mm		2.000 lb	84799070	JP	S		-		1	1 PCS	639.00
1841	Digital measuring slide	measuring range 100 mm	0.	0.450 lb	84799070	CN	U		-		-	1 PCS	103.00
1655	Digital micrometer screw gauge	0–25 mm	1.	1.000 lb	84799070	CN	U		1		-	1 PCS	180.00

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Tools

Art. No.	Description	Specifications	Picture Weigh	ht	Customs Tariff No.	C/O*	SL*	WL.*	SNo.* Stock	WPC*	POH*	PU*	Sales price in \$
1731	Drill with 3 mm shank	Ø cutting edge 2.80 mm, Ø shank 3.0 mm L cutting edge 10.5 mm, L total 38 mm with stop ring	0.070	O Ib	82075090	DE	U		2	X	1	1 PCS	7.40
1652	Hexagon socket screwdriver 2.5 mm		0.077	7 lb	82054000	DE	U		1		-	1 PCS	11.40
2040	Insert bit 2.5x25 mm		0.018	3 lb	82042000	DE	U		-		-	1 PCS	8.00
1654	Measuring pin	for automatic measuring	0.009	9 lb	82075090	DE	U		10	X	2	1 PCS	8.20

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Tools

Art. No.	Description	Specifications	Picture	Weight Customs Tariff No.	C/O*	SL*	WL.*	SNo.*	Stock*	WPC*	POH*	PU*	Sales price in \$
30465	Screwdriver TX10			0.992 lb 82054000	DE	U			-		1	1 PCS	21.50
1824	Service trolley case	robust trolley case for service works precise measuring equipment and high-quality tools complete kit for all vhf Impression machines	W T	33.100 lb 82059090	DE	S			-		1	1 PCS	3,930.00
1769	Torque wrench 1.8 Nm	without insert bit		0.143 lb 82041100	TW	U			-		-	1 PCS	24.60
1656	Unlocking tool	for door locking switch		0.100 lb 84799070		U			-		-	1 PCS	34.00

Please note that single articles can be used in several machine models. Our stock recommendation is intended for 1 to 20 machines per service base. We grant the standard discount for spare parts.

Warranty limitation: warranty claims can only be made if the relevant machine is inspected and repaired by vhf. Alternatively, the partner can order the part within the warranty period and exchange it at his/her own expense and liability.

Prices are list prices and do not include any discounts, tax, shipping or other charges that may apply • All purchases are subject to our Terms of Sale which can be found at www.vhf.com • Products, prices and terms are subject to change without notice • All prices exclude VAT, customs duties and transportation/packaging fees • All information given may change without further notice.

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