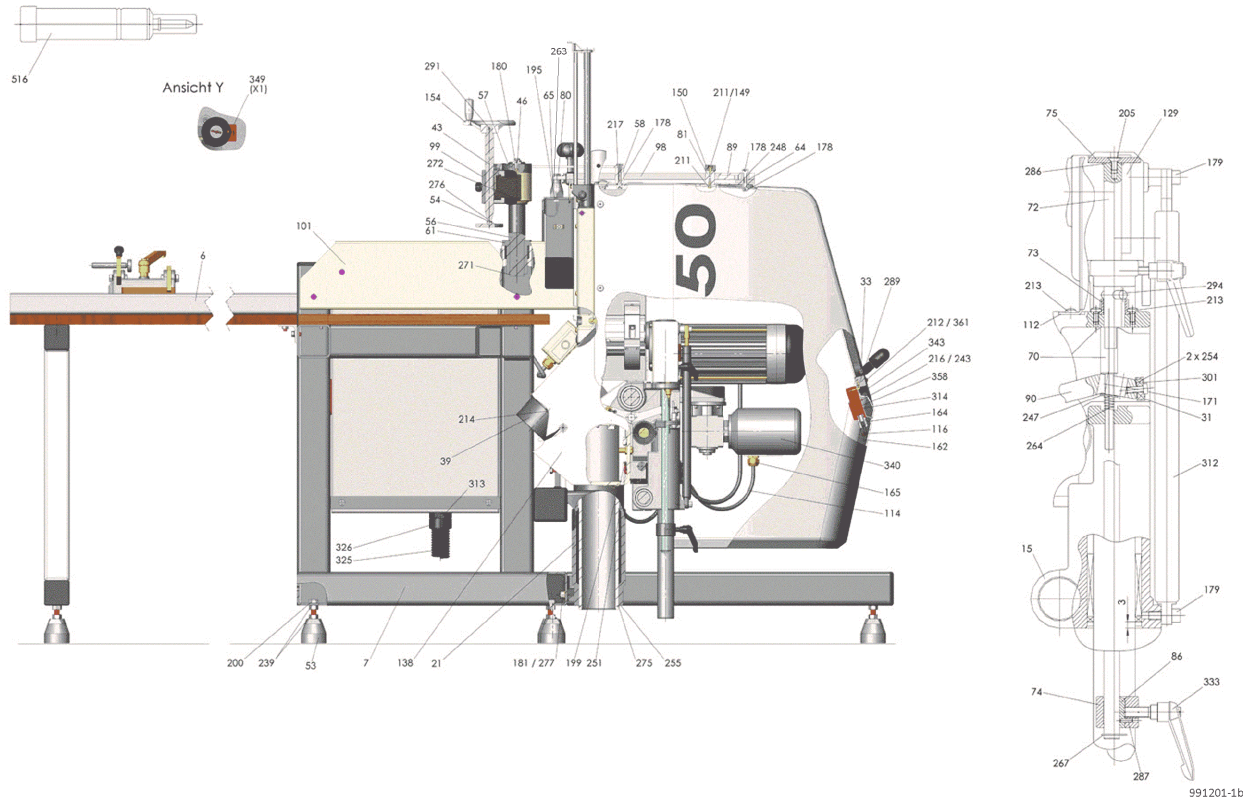
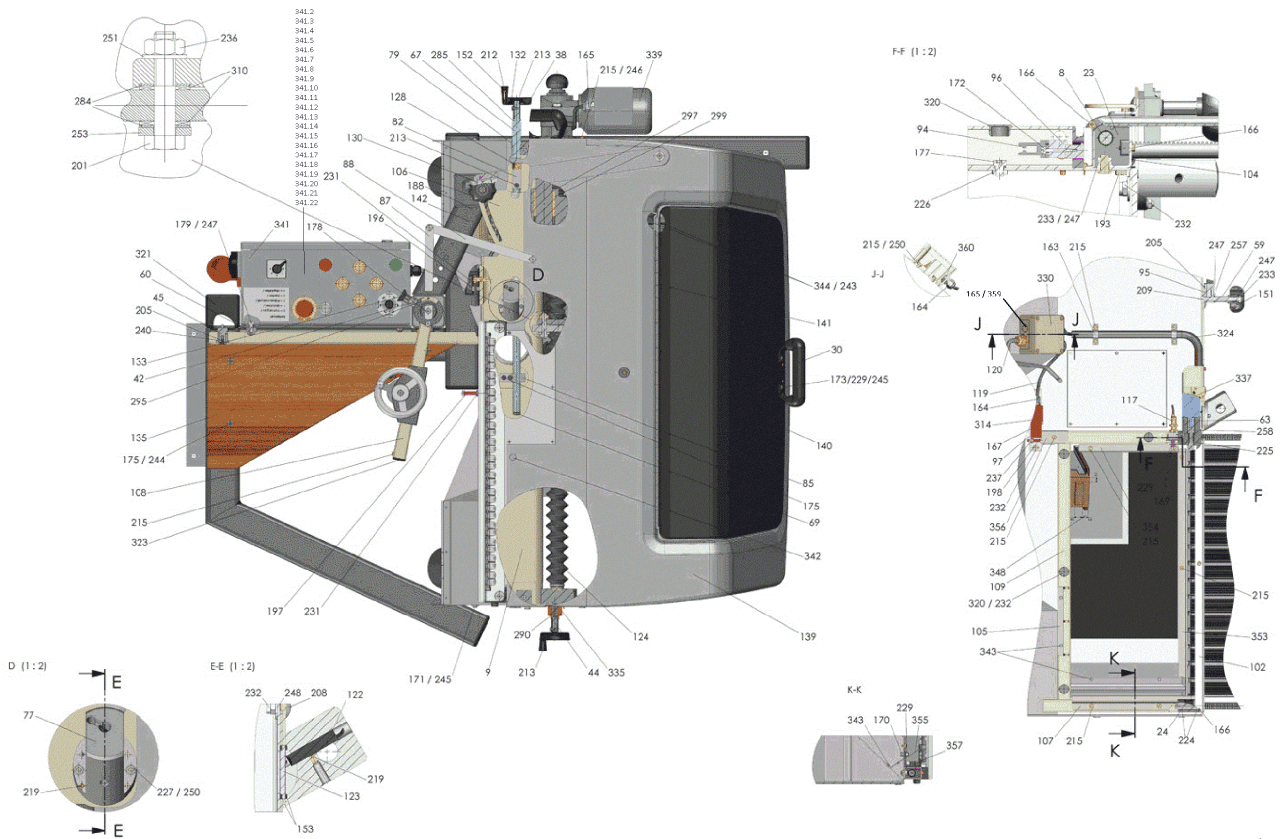


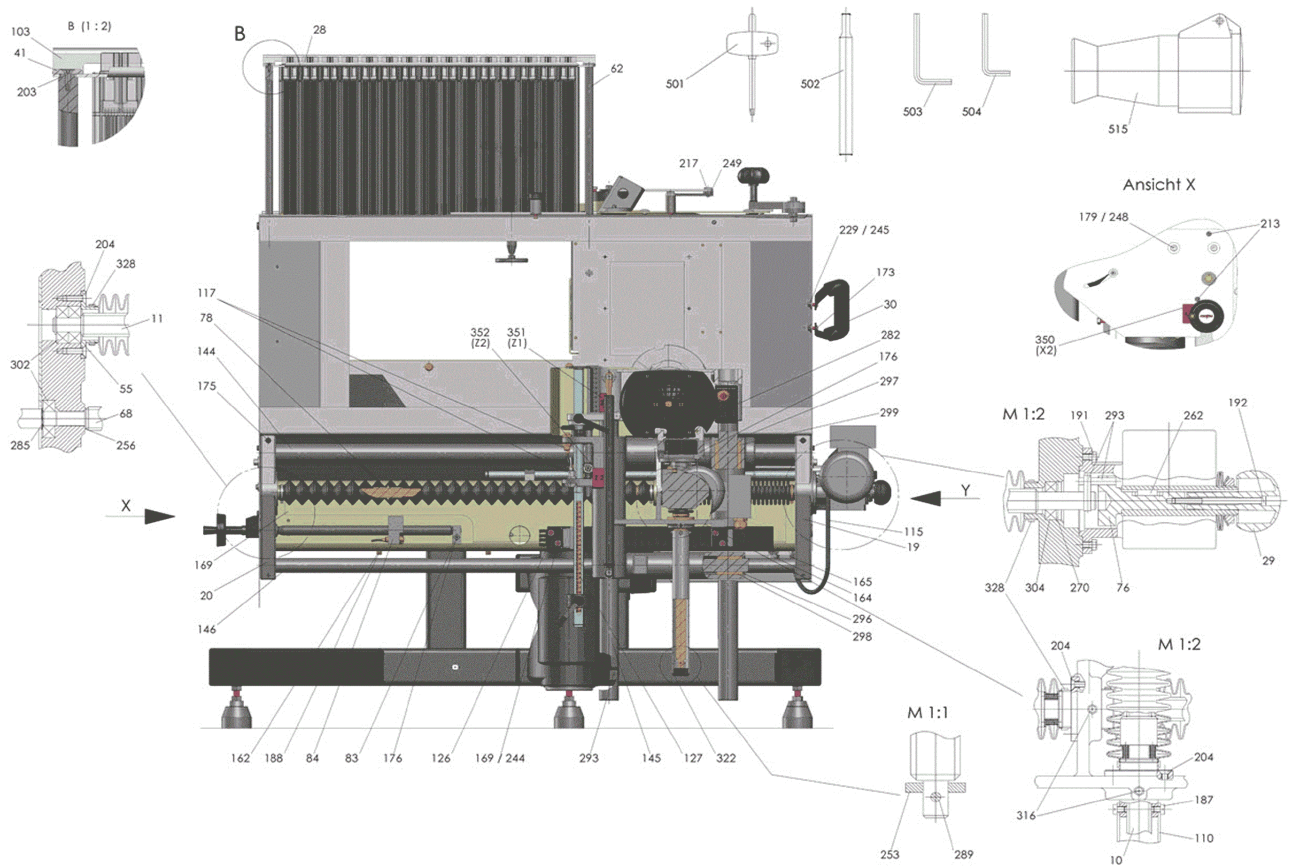
Ref. No. 991201

Tenoner ZAF 250 Vario

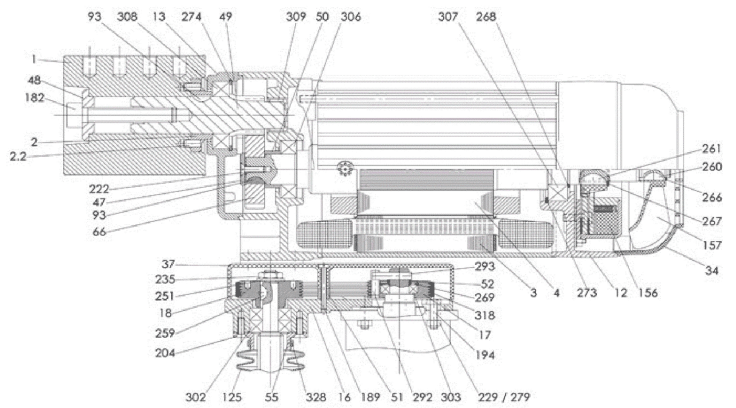
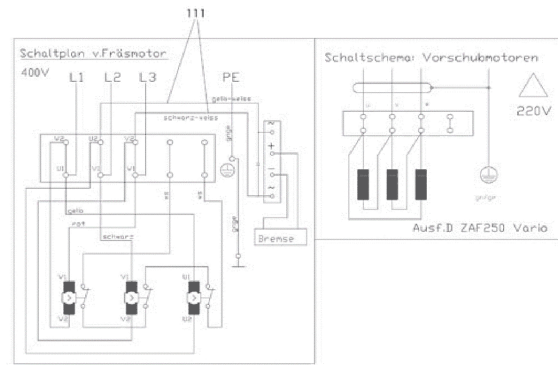
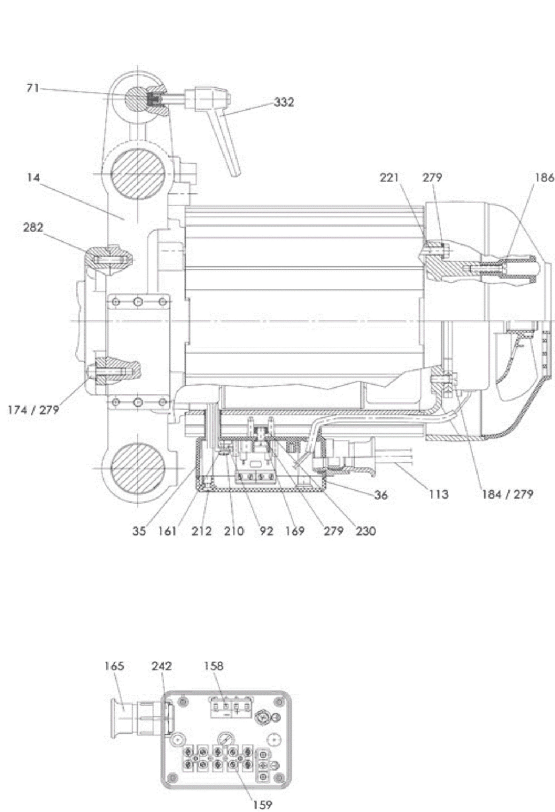




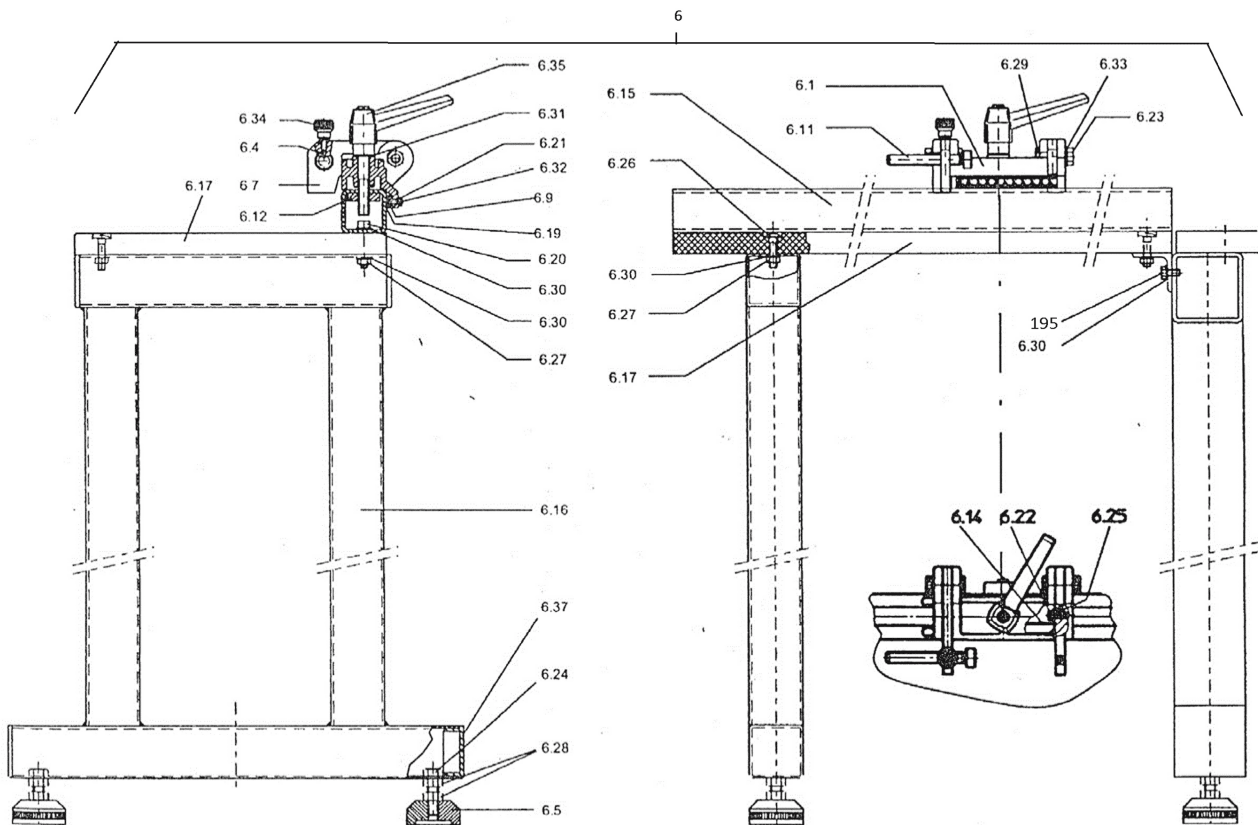
991201-2b



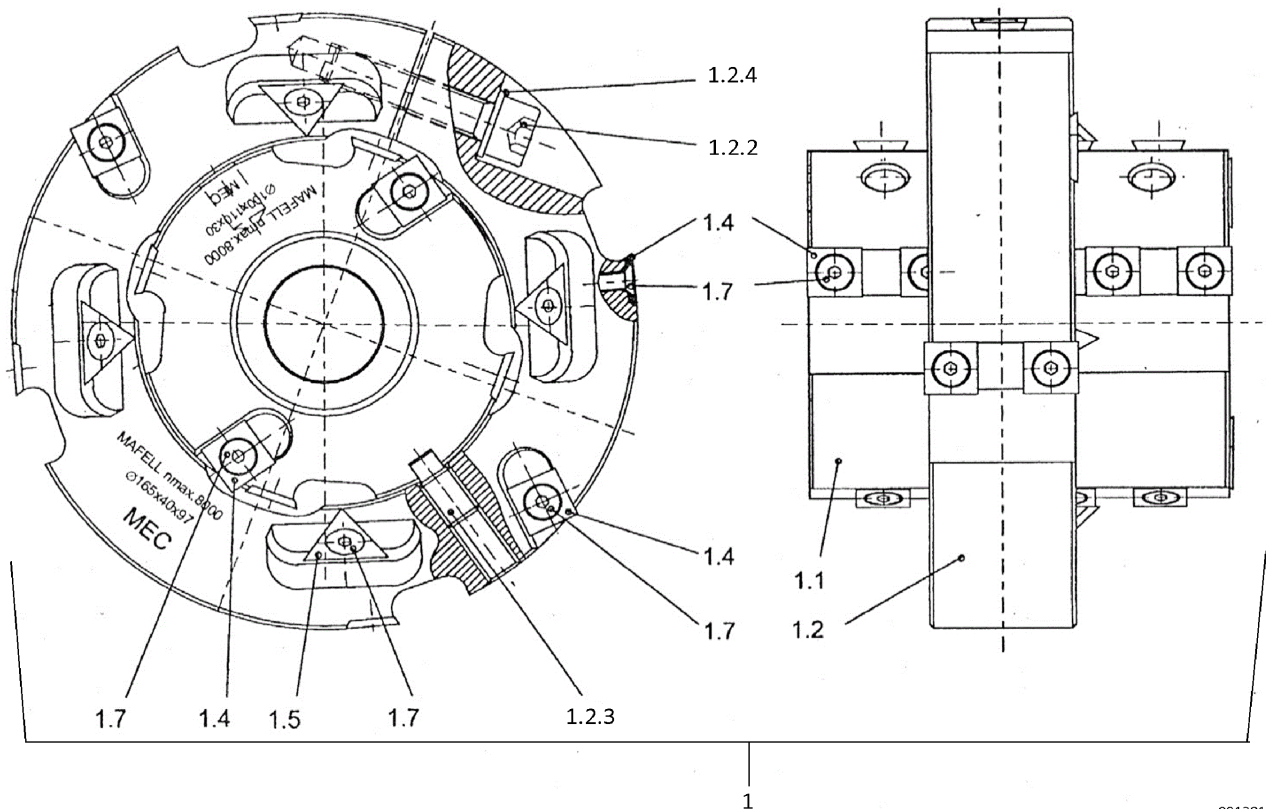
991201-3b



991201-4a



991201-5a



991201-6a

pos. no.	spare part number	GTIN	name of spare part	count	price key
1	202105	4032689033020	Cutter head cpl. with reversible knives	1	63
1.1	201896	4032689032900	Cutter head	1	53
1.2	201898	4032689033068	Milling ring	1	55
1.2.2	055237	4032689120584	Cylinder-head screw M 10 x 45 - 12.9	1	2
1.2.3	052007	4032689039794	Threaded pin M 10 x 20 - 45 H	1	3
1.2.4	061063	4032689078779	Washer	1	1
1.4	201927	4032689107226	Reversible knives 14 x 14 x 2 mm (9/16 x 9/16 x 1/16 in.)	18	99
1.5	201930	4032689107233	Chamfer knives	4	99
1.7	201899	4032689088167	Flat-head screw	22	1
2	200313	4032689030944	Flange rear	1	29
2.2	058126	4032689120737	cylindrical pin 6 m6 x 14 DIN 6325	2	1
3	082122	4032689095424	Stator	1	58
4	007283	4032689074399	Rotor	1	47
6	205025	4032689178554	Support table	1	64
6.1	201901	4032689006772	Double stop support	1	36

pos. no.	spare part number	GTIN	name of spare part	count	price key
6.11	202157	4032689096247	Setting bolt	1	15
6.12	202158	4032689065946	slot nut	1	15
6.14	204949	4032689166704	Plate spring	1	11
6.15	201906	4032689006581	Guide fence extension	1	41
6.16	201908	4032689009995	Bar stock stand. adj.	2	39
6.17	201909	4032689099514	Table top	1	42
6.19	202159	4032689089829	Scale tape	1	27
6.20	055036	4032689120485	Cylinder-head screw	5	3
6.21	055129	4032689058573	Oval-head screw Oval-head screw	1	1
6.22	055203	4032689119762	Cylinder-head screw	1	2
6.23	005636	4032689114354	Hexagon-head screw M 10 x 35 - 8.8	2	3
6.24	052018	4032689180373	Threaded pin M 12 x 80 - 45 H	4	6
6.25	058171	4032689093017	Spring dowel sleeve light 6 x 14	2	1
6.26	005726	4032689029399	Truss-head screw	3	2
6.27	005920	4032689113722	Hexagonal nut	8	1
6.28	005926	4032689113845	Hexagonal nut	12	1
6.29	005947	4032689113913	Hexagonal nut	2	1
6.30	006102	4032689079233	Washer	13	1
6.31	006104	4032689079165	Washer	1	1
6.32	006100	4032689078946	Washer	1	1
6.33	066068	4032689098722	Cup spring	2	2
6.34	065034	4032689069609	Knurled knob Knurled knob	1	8
6.35	071003	4032689050942	Clamping lever M 12 x 70 black	1	17
6.37	076855	4032689097565	Plug VL 60 x 60 x 1,5 - 3,5	8	4
6.4	036035	4032689050485	Clamping bolt Clamping bolt	1	7
6.5	205021	4032689178516	Leg	4	20
6.7	201565	4032689005829	Stop flap	2	22
6.9	201907	4032689117188	Indicator	1	14
7	204950	4032689178110	Supporting frame	1	67
8	204994	4032689178325	Pinion	1	35
9	202168	4032689100241	Support	1	57

pos. no.	spare part number	GTIN	name of spare part	count	price key
10	201563	4032689100609	Trapezoidal screw short	1	41
11	201564	4032689100616	Trapezoidal screw long	1	42
12	201365	4032689056715	End plate rear	1	38
13	039580	4032689039602	Gear bearing cover	1	33
14	202327	4032689039442	Gear casing	1	51
15	202328	4032689081632	Telescopic support	1	54
16	202172	4032689082783	Stepping motor support	1	33
17	201922	4032689072982	Belt disk	1	18
18	201923	4032689073002	Belt disk for spindle	1	22
19	201560	4032689055282	Bearing block with flange	1	46
20	201562	4032689055176	Bearing block	1	46
21	201894	4032689086064	Pivoting bearing	1	48
23	204997	4032689178356	End plate left	1	33
24	204998	4032689178363	End plate right	1	31
28	204992	4032689178301	protection lamella	15	15
29	034730	4032689067841	Mushroom-shaped handle Mushroom-shaped handle	1	8
30	200650	4032689124315	Bow handle Bow handle	2	22
31	201334	4032689001630	Skimmer Skimmer	1	4
33	205006	4032689179186	Pad	1	23
34	200771	4032689059440	Fan cover Fan cover	1	14
35	200752	4032689051024	Terminal box Terminal box	1	14
36	200753	4032689051062	Terminal box lid Terminal box lid	1	12
37	031404	4032689073064	Belt guard Belt guard	1	10
38	200908	4032689044699	Handwheel Handwheel	2	9
39	038702	4032689001173	Hose connector Hose connector	2	14
41	038356	4032689092652	Clamping disk Clamping disk	2	7
42	037694	4032689019925	Spacer ring	1	16
43	204963	4032689178202	Spindle	1	28
44	205011	4032689178417	connecting sleeve	1	16
45	204953	4032689178141	Spacer bushing	3	17
46	037589	4032689050492	Clamping bolt Clamping bolt	1	6

pos. no.	spare part number	GTIN	name of spare part	count	price key
47	006193	4032689092645	Clamping disk Clamping disk	1	10
48	202104	4032689031415	Flange, front Flange, front	1	11
49	201559	4032689033044	Cutter head shaft	1	36
50	026083	4032689019635	Spacer ring	1	7
51	200417	4032689019215	Spacer bushing	1	10
52	201891	4032689019239	Spacer bushing	2	16
53	205021	4032689178516	Leg	5	20
54	202318	4032689022505	Pressure plate Pressure plate	1	22
55	201568	4032689091693	Clamping flange	2	20
56	205001	4032689178387	Bearing pin	1	29
57	205014	4032689178448	insert bearing	1	29
58	205018	4032689178493	spacer bolt	1	14
59	204984	4032689179933	Clamping bolt	1	15
60	204962	4032689180670	spacer screw	1	20
61	205020	4032689178509	insert bushing	1	28
62	204966	4032689178219	Guide bar	2	31
63	204989	4032689178288	slaving	1	22
64	204974	4032689178233	pivoting adapter	1	22
65	204976	4032689178257	Retaining bolt	1	22
66	201204	4032689116273	Gear wheel	1	34
67	201920	4032689106038	Adjusting spindle	1	31
68	205012	4032689178424	Stop spindle	1	32
69	202317	4032689025216	Press-in bolt	1	14
70	202329	4032689076805	Switch bolt	1	21
72	206863	4032689203874	Stop plate bar	1	30
73	202408	4032689005539	Stop sleeve	1	15
74	202322	4032689051260	Clamping ring	1	21
75	202323	4032689025711	Setting disk	1	17
76	202098	4032689054230	Clutch	1	28
77	205030	4032689178585	Laser support	1	33
78	201892	4032689040882	Sliding bushing	4	17

pos. no.	spare part number	GTIN	name of spare part	count	price key
79	201919	4032689034157	Guide sleeve	1	14
80	200394	4032689005133	Shoulder screw	1	15
81	204973	4032689180274	Bolt	1	15
82	201926	4032689089898	Scale support	1	18
83	201916	4032689093901	Spindle retainer	1	21
84	201915	4032689005447	Stop block	1	28
85	202107	4032689040899	Sliding bearing	1	22
86	202321	4032689103730	Anti-twist device	1	20
87	205016	4032689178462	Lever	1	23
88	205017	4032689178479	Strut	1	24
89	204975	4032689178240	scale slider	1	25
90	201918	4032689078557	Switch lever	1	34
92	200864	4032689050638	Clamping sleeve Clamping sleeve	1	8
93	007803	4032689079585	Woodruff key Woodruff key	2	3
94	205022	4032689178523	Safety switch	1	35
95	204978	4032689178264	inside handle strip	1	20
96	205023	4032689178530	Stop plate	1	19
97	205024	4032689178547	Angle plate	1	24
98	204972	4032689178226	Scale support	1	28
99	204961	4032689178196	clamping slide	1	37
101	204951	4032689178127	Stop plate	1	23
102	204993	4032689178318	cover strip	1	17
103	204995	4032689178332	shifting rail	1	22
104	205013	4032689178431	connecting profile	1	19
105	204977	4032689180281	shutting steel sheet	1	16
106	204956	4032689178172	Sheet metal fixing plate	1	22
107	204987	4032689180687	Guide plate	1	16
108	205002	4032689178394	Pivoting arm	1	38
109	204958	4032689178189	fixture	1	35
110	201929	4032689085296	Protective pipe	1	21
111	085134	4032689102818	Connecting cable length 80 mm	2	3

pos. no.	spare part number	GTIN	name of spare part	count	price key
112	201900	4032689083032	Guard plate	1	21
113	202164	4032689103617	Connecting cable 5 x 1	1	20
114	203409	4032689138145	Connecting cable long 4 x 1	1	30
115	203410	4032689138152	Connecting cable short 4 x 1	1	29
116	202165	4032689103624	Connecting cable 2 X 0,75	1	6
117	086179	4032689064857	Proximity switch M 12 x 1 x 36	8	34
119	205032	4032689178592	Connecting cable 4 x 0,75	1	5
120	205033	4032689178608	Connecting cable 12 x 0,75	1	14
122	086181	4032689057170	Laser	1	51
123	204985	4032689180298	Protective glass	1	5
124	201567	4032689027579	Bellows long	2	34
125	201566	4032689027562	Bellows short	1	31
126	087794	4032689026176	Energy chain	1	21
127	202326	4032689089676	Skale 30-160	1	14
128	202153	4032689089645	Skale 0-100	1	16
129	202154	4032689089652	Skale 0-90	1	16
130	204991	4032689178295	Angle scale	1	12
133	058224	4032689180304	Locking bolt M 16 x 1,5	1	19
135	204952	4032689178134	Support plate	1	25
138	204954	4032689178158	Covering hood	1	65
139	204955	4032689178165	Hood	1	61
140	205026	4032689178561	Flap	1	46
141	205029	4032689178578	hinge band	1	31
142	076159	4032689043968	Support Support	1	10
144	202174	4032689106243	Solid shaft Ø 40 x 1110	1	38
145	202175	4032689106250	Solid shaft Ø 40 x 680	2	33
146	204969	4032689185736	Solid shaft	1	36
149	201018	4032689073835	Tubular rivet Tubular rivet	1	1
150	034675	4032689043104	Rubber buffer Rubber buffer	1	3
151	039101	4032689044460	Handle with printing	1	9
152	076101	4032689048574	Conical handle Conical handle	2	3

pos. no.	spare part number	GTIN	name of spare part	count	price key
153	202739	4032689121628	Gasket	2	6
154	079029	4032689044712	Handwheel with handle Handwheel with handle	1	25
156	086184	4032689079530	Disk brake 178 V	1	46
157	200774	4032689102573	Fan Fan	1	9
158	087722	4032689040790	Rectifier module Rectifier module	1	20
159	087721	4032689051215	Clamping strip Terminal strip 5-pol.	1	5
161	006172	4032689050669	Clip connector Clip connector	1	1
162	086063	4032689048086	Clamp Clamp	5	1
163	008601	4032689011943	Fixing clip 1,5 x 18	2	2
164	086198	4032689138169	Screw-type cable clamp M 16 x 1.5	6	3
165	086199	4032689138176	Screw-type cable clamp M 20 x 1.5	5	4
166	055028	4032689119557	Cylinder-head screw	8	2
167	055201	4032689119687	Cylinder-head screw	2	1
169	055059	4032689120010	Cylinder-head screw	9	1
170	005536	4032689120003	Cylinder-head screw	1	1
171	055041	4032689120041	Cylinder-head screw	3	1
172	055200	4032689119656	Cylinder-head screw	1	1
173	005428	4032689179926	button head screw with flange M 6 x 16	4	1
174	005573	4032689120188	Cylinder-head screw	4	1
175	055013	4032689120201	Cylinder-head screw	9	2
176	055011	4032689120232	Cylinder-head screw M 6 x 45 - 8.8	5	2
177	055089	4032689120362	Cylinder-head screw	2	2
178	005590	4032689120324	Cylinder-head screw	4	2
179	055038	4032689120423	Cylinder-head screw	11	2
180	055172	4032689120355	Cylinder-head screw	1	2
181	055225	4032689120577	Cylinder-head screw M 12 x 25 - 8.8	4	2
182	055184	4032689120591	Cylinder-head screw M 12 x 70 - 8.8	1	3
184	005531	4032689120027	Cylinder-head screw	4	1
186	005535	4032689119878	Cylinder-head screw	4	2
187	055085	4032689119939	Cylinder-head screw M 5 x 6 - 4.8	3	1
188	005597	4032689119717	Cylinder-head screw	3	1

pos. no.	spare part number	GTIN	name of spare part	count	price key
189	055005	4032689119274	Cylinder-head screw	1	1
191	005671	4032689114644	Hexagon-head screw	4	1
192	056016	4032689114729	Hexagon-head screw M 5 x 70 - 8.8	1	1
193	005603	4032689114767	Hexagon-head screw	2	1
194	005618	4032689114828	Hexagon-head screw	4	1
195	005645	4032689114972	Hexagon-head screw	1	1
196	005640	4032689114996	Hexagon-head screw	1	2
197	005628	4032689115047	Hexagon-head screw	1	3
198	005600	4032689114880	Hexagon-head screw	1	1
199	005620	4032689114330	Hexagon-head screw M 10 x 25 - 8.8	6	2
200	056030	4032689179940	Hexagon-head screw M 12 x 70 - 8.8	5	2
201	005690	4032689114422	Hexagon-head screw	1	3
203	053023	4032689088150	Flat-head screw	2	2
204	005383	4032689088181	Flat-head screw	16	2
205	053007	4032689088303	Flat-head screw M 6 x 12	6	1
208	005705	4032689029054	Truss-head screw	2	2
209	057043	4032689179957	Truss-head screw M 8 x 90	1	2
210	055082	4032689058535	Oval-head screw Oval-head screw	1	1
211	055229	4032689119250	Cylinder-head screw	2	1
212	055061	4032689058313	Cylindrical oval-head screw K40x18 Kombi-TORX	8	1
213	055079	4032689058337	Cylindrical oval-head screw Cylindrical oval-head screw	10	1
214	055120	4032689058092	Self-tapping screw Self-tapping screw	4	1
215	055187	4032689058238	Cylindrical oval-head screw	19	1
216	055145	4032689058047	Self-tapping oval-head screw 3,9 x 32 F-H	2	1
217	055119	4032689005041	Shoulder screw M 8 x 5	2	4
219	005284	4032689039947	Threaded pin self-locking	5	2
221	057035	4032689114873	Hexagon-head screw	4	5
222	005334	4032689088099	Flat-head screw	1	4
224	062087	4032689131979	Sliding bearing 16 / 18 x 15	4	6
225	062088	4032689133140	Sliding bearing 12 / 14 x 12	2	5
226	005978	4032689114002	Hexagonal nut	2	1

pos. no.	spare part number	GTIN	name of spare part	count	price key
227	005915	4032689113814	Hexagonal nut	2	1
229	005979	4032689115238	Locking nut Locking nut	14	1
230	005953	4032689113487	Square nut Square nut	1	1
231	005920	4032689113722	Hexagonal nut	5	1
232	005970	4032689115214	Locking nut Locking nut	12	1
233	005982	4032689115245	Locking nut Locking nut	3	1
235	005966	4032689113920	Hexagonal nut	1	2
236	005924	4032689114057	Hexagonal nut	1	1
237	005939	4032689113852	Hexagonal nut	1	1
239	005926	4032689113845	Hexagonal nut	10	1
240	059016	4032689180694	Hexagonal nut M 16 - 10	4	3
242	059012	4032689138220	Hexagonal nut M 20 x 1.5	1	2
243	061015	4032689078939	Washer	22	1
244	006101	4032689079219	Washer	7	1
245	061044	4032689079080	Washer	6	1
246	061052	4032689079202	Washer	1	1
247	006102	4032689079233	Washer	15	1
248	061038	4032689079240	Washer	12	1
249	061089	4032689078861	Washer	1	2
250	006100	4032689078946	Washer	4	1
251	006130	4032689079158	Washer	8	1
253	061047	4032689078762	Washer	2	2
254	061080	4032689067483	Shim ring	2	1
255	061209	4032689067551	Shim ring 95 x 115 x 0,5 DIN 988	2	5
256	006120	4032689019949	Shim ring	1	2
257	006660	4032689098661	Cup spring	4	2
258	066050	4032689079547	Woodruff key Woodruff key	1	1
259	076053	4032689079578	Woodruff key Woodruff key	1	2
260	007889	4032689079608	Woodruff key Woodruff key	1	2
261	007811	4032689079615	Woodruff key Woodruff key	1	2
262	066081	4032689067681	Adjusting spring Adjusting spring	1	2

pos. no.	spare part number	GTIN	name of spare part	count	price key
263	007164	4032689020082	Spacer disk Spacer disk	3	1
264	066131	4032689021775	Pressure spring 1 x 10 x 52	1	4
266	007149	4032689089034	Retaining ring	1	1
267	006195	4032689088945	Retaining ring	2	1
268	006176	4032689088921	Retaining ring	1	1
269	061021	4032689089119	Retaining ring 28 x 1,2	1	1
270	007161	4032689089294	Retaining ring	1	1
271	006199	4032689088969	Retaining ring	1	2
272	061072	4032689089133	Retaining ring	1	3
273	061139	4032689089218	Retaining ring 52 x 2	1	4
274	007145	4032689089027	Retaining ring 55 x 2	1	3
275	061210	4032689089249	Retaining ring 5 x 0,6	1	6
276	061162	4032689094410	Snap ring Snap ring	1	1
277	061211	4032689028491	Split spring lock washer A12 DIN 128	4	1
279	006113	4032689088709	Locking washer	17	1
282	058021	4032689121055	cylindrical pin 6 m6 x 20 DIN 6325	4	2
284	062081	4032689011202	Axial washer Axial washer	2	3
285	006687	4032689010670	Compensating disk Compensating disk	2	1
286	065025	4032689066738	Sealing ring	1	2
287	005816	4032689093031	Spring dowel sleeve	2	1
289	058164	4032689094120	Spiral dowel sleeve	3	1
290	005817	4032689093048	Spring dowel sleeve	1	1
291	058090	4032689092935	Spring dowel sleeve	1	1
292	058174	4032689094144	Spiral dowel sleeve 6 x 20 DIN 7344	1	1
293	058187	4032689094229	Spiral dowel sleeve	5	2
294	058131	4032689094113	Spiral dowel sleeve	1	2
295	058089	4032689094052	Spiral dowel sleeve	1	1
296	065012	4032689018539	Gasket	2	13
297	065039	4032689018546	Gasket G 40x 52 x 5	6	12
298	062048	4032689053295	Linear ball bearing	2	35
299	062080	4032689053301	Linear ball bearing KH 4060	6	27

pos. no.	spare part number	GTIN	name of spare part	count	price key
301	006296	4032689053868	Grooved ball bearing Grooved ball bearing	1	14
302	006269	4032689053721	Grooved ball bearing	5	17
303	062065	4032689053998	Grooved ball bearing Grooved ball bearing	1	18
304	062061	4032689053486	Grooved ball bearing Grooved ball bearing	1	14
306	006261	4032689053554	Grooved ball bearing Grooved ball bearing	1	20
307	006276	4032689053844	Grooved ball bearing Grooved ball bearing	1	19
308	062049	4032689053578	Ball bearing 6006 - 2 RS 30 / 55 x 13	1	23
309	062075	4032689064758	Needle bearing bush 22 / 28 x 16	1	12
310	062050	4032689064789	Washer	2	10
312	066130	4032689037479	Gas spring Ø 22 / 10 290N	1	27
313	086163	4032689037622	Locknut M 40 x 1.5	2	7
314	087796	4032689088815	Safety switch ELF3 M 16 x 1.5	1	32
316	076857	4032689101019	Lubricating nipple	2	4
318	076858	4032689048772	Multiple v-belt	1	13
320	176000	4032689178103	Plug 20 / 23 x 10	4	1
321	076854	4032689097572	Plug VL 80 x 80 x 2,9 - 5	8	6
322	076856	4032689056937	Lamella plug	1	2
323	038565	4032689105697	Plug	1	2
324	008602	4032689085395	Protective tube 15 x 19	0	15
325	086161	4032689085555	Protective tube	0	9
326	086162	4032689080581	Hose fitting M 40 x 1.5	2	11
328	076412	4032689047881	Cable binder 3,6 x 290 mm	9	1
330	094001	4032689178042	clamps box RKK 4 / 10	1	26
332	071004	4032689050973	Clamping lever M 8 x 25 black	1	13
333	071009	4032689134024	Clamping lever M 10 x 1 x 25 black	1	17
335	076374	4032689178011	position indicator	1	26
337	205009	4032689178400	motor planetary gearing	1	43
339	087793	4032689082165	Worm gear motor	1	60
340	087792	4032689082158	Worm gear motor	1	60
341	087905	4032689178035	control system	1	98
341.10	086178	4032689064369	Motor protection switch 0,4 - 0,63A	1	36

pos. no.	spare part number	GTIN	name of spare part	count	price key
341.11	086175	4032689022451	push-button flat	6	20
341.12	086180	4032689077284	switch element	6	14
341.13	086195	4032689138190	Potentiometer	1	22
341.14	086209	4032689179131	indicator light head	1	21
341.15	086210	4032689179124	LED-Element	1	25
341.16	086211	4032689179117	rotary switch	1	31
341.17	086212	4032689179100	frequency converter	1	54
341.18	086213	4032689179094	Line filter	1	36
341.19	086214	4032689179087	contact element	2	19
341.2	086217	4032689180724	card equipped	1	55
341.20	086215	4032689179070	EMERGENCY STOP device	1	49
341.21	086218	4032689180717	time Relays	1	53
341.22	086219	4032689180700	auxiliary relays	1	19
341.3	086207	4032689179155	power contactor	1	39
341.4	086208	4032689179162	power contactor	2	31
341.5	086168	4032689064352	Motor protection switch 10 A	1	36
341.6	086169	4032689097930	power supply 230V/24V/1.6A	1	44
341.7	086174	4032689067810	Mushroom-shaped push-button red	1	30
341.8	086176	4032689031262	flange pin box 380 V	1	31
341.9	086204	4032689166339	Main switch emergency stop (4-pol.)	1	47
342	006025	4032689179964	Blind rivet	11	1
343	006024	4032689014760	Blind rivet 4 x 7	19	1
344	006026	4032689180311	Blind rivet 4x12 Al/St	20	1
348	204982	4032689178271	Sticker	1	18
349	170307	4032689178066	Sticker X1	1	6
350	170308	4032689178073	Sticker X2	1	6
351	170309	4032689178080	Sticker Z1	1	6
352	170310	4032689178097	Sticker Z2	1	6
353	204979	4032689179193	Angle plate	1	16
354	204980	4032689179209	deflector plate left	1	13
355	204981	4032689179216	deflector plate right	1	21

pos. no.	spare part number	GTIN	name of spare part	count	price key
356	204983	4032689179223	Covering plate	1	12
357	204986	4032689180380	Sheet metal cover	1	19
358	205005	4032689179230	Fixture	1	12
359	059012	4032689138220	Hexagonal nut M 20 x 1.5	1	2
360	059015	4032689180328	Hexagonal nut M 16 x 1,5 - PA	2	2
361	061166	4032689079325	Washer DIN 9021 4,3 - 140	2	1
501	093274	4032689082523	Screw driver Torx T 15	1	10
502	093084	4032689096193	Locking rod	1	8
503	093078	4032689115153	Allen key Allen key	1	5
504	093070	4032689115122	Allen key SW 8	1	10
515	094026	4032689017501	Wander socket outlet 16A 5P 6H with screw clamps	1	16
516	076158	4032689097619	Grease gun	1	17