

Spare parts list

MPR 1500



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MPR 1500 from No. 400



MPR 1500 from No. 400

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	114310	Frame MPR 1500	1 Stk	
		2	107178	Drum MGR 1500	1 Stk	
		3	107783	Lid MGR 1500	1 Stk	
		4	107769	Cover drive MGR 1500	1 Stk	
		5	107751	Gear cover MGR 1500	1 Stk	
		6	107803	Tumbling arm MGR 1500	1 Stk	
		7	107523	Mixing arm MGR 1500	1 Stk	
		8	110250	Lifting aid MGR 1500	1 Stk	
		9	107781	Mixing system MGR 1500	1 Stk	
		10	111627	Switch box MPR 400/500/900/1500	1 Stk	
		11	108856	Tube MGR 1500	1 Stk	
		13	107782	Drum swivelling MGR 1500	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		14	107425	Vacuum system MGR 1500	1 Stk	
		15	113109	Side cap MGR 1500	1 Stk	
		16	109536	Blank plug MGR 1500	1 Stk	
		17	108864	Cooling system MGR 1500	1 Stk	
		19	F28523	Plate / sheet 653,3 x 250 x 1,5 roh	1 Stk	
		21	F256228	Auxiliary materials 134 x 85 x 20 x 5	1 Stk	
		22	103588	Cable duct 80 x 45 x 2000	3850 mm	
		23	F28731	Cable duct 80 x 30 x 2000	2100 mm	
		24	F27772	Cable duct 60 x 20 x 2000	200 mm	
		25	F25278	Threaded pin DIN551 M 8 x 20	4 Stk	
		26	107643	Bolt Ø 12 x 120	2 Stk	
		27	107644	Bolt Ø 12 x 40	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		29	110260	Housing MGR 1500	1 Stk	
		30	F28732	Lock washer DIN6797-A ø 6,4	1 Stk	
		31	F20258	Washer DIN125 A 6,4	1 Stk	
		32	F24031	Spring lock washer DIN127 B 6	1 Stk	
		33	F20203	Hexagonal nut DIN934 M 6	1 Stk	
		34	F148541	Sticker BMK02	1 Stk	
		36	112243	Assembly tool MGR 1500	1 Stk	
		37	114024	Tablet bracket MPR 500/900	1 Stk	
		38	111005	Disc ø 25 x 10	1 Stk	
		39	110999	Switch MPR 500/900/150/220/ IR 29	1 Stk	
		40	111006	Disc ø 25 x 6	1 Stk	
		41	114514	Housing MPR 1500	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	108247	Power supply MGR/MPR 1500	1 Stk	
		501	114315	Cable set MPR 1500	1 Stk	
		502	114337	Additional materials MPR 1500	1 Stk	

1 - Frame - 114310

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	F240860	Mounting foot Ø 120 x 150 x M 24	10 Stk	

2 - Drum - 107178



2 - Drum - 107178

		Position No.	Part No.	Designation	Quantity	
		2	107669	Lid MGR 1500	1 Stk	
		3	106795	Seal 13 x 17 x 3555 roh	1 Stk	
		5	107742	Shackle 65,4 x 41,6 x 6	2 Stk	
		6	107304	Bolt Ø 30 x 140	1 Stk	
		7	107270	Lock MGR 1500	1 Stk	
		8	107134	Scraper Ø 500 x Ø 440 x 35	1 Stk	
		9	107150	Radial shaft seal Ø 100 x Ø 120 x 7,5	3 Stk	
		11	107193	Ring Ø 118 x Ø 100 x 8,5	1 Stk	
		12	107657	Sieve MGR 1500	1 Stk	
		13	107709	Nut M 24 x 1,5 x 40	2 Stk	
		14	107289	Shaft Ø 30 x 466	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		15	107146	Disc Ø 151,2 x Ø 320 x 5	1 Stk	
		16	107744	Disc Ø 22 x 1,5 x Ø 47 x 6	1 Stk	
		17	107724	Bolt Ø 22 x 1,5 x 77	1 Stk	
		18	F28919	Ring Ø 30,2 x Ø 50 x 7	4 Stk	
		19	107269	Shaft MGR 1500	2 Stk	
		20	109915	Disc d 104 x d 160 x 2	1 Stk	
		21	F20258	Washer DIN125 A 6,4	3 Stk	
		22	F21047	Hexagonal bolt DIN933 M 6 x 12	3 Stk	
		23	107676	Shackle 40 x 38,8 x 5	1 Stk	
		24	111783	Lid stop MGR 1500	1 Stk	
		25	114097	Plug d 43,5 x 6	1 Stk	
		26	114042	Housing MGR 1500	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		27	F248845	Disc Ø 6,5 x Ø 18 x 2	2 Stk	
		28	F20810	Cap nut DIN917 M 6	2 Stk	
		29	F20813	Countersunk bolt DIN963 M 5 x 20	1 Stk	

7 - Lock - 107270

		Position No.	Part No.	Designation	Quantity	
		1	107728	Lever 87,5 x 75	1 Stk	
		2	107685	Disc Ø 6,5 x Ø 24,8 x 1	1 Stk	
		3	F28587	Slide bushing DIN1850 - J22 x 25 x 15	2 Stk	
		4	107726	Disc Ø 20 x 5	1 Stk	
		5	F28582	Countersunk bolt DIN7991 M 6 x 25	1 Stk	
		6	107725	Lid Ø 35 x 6	1 Stk	
		7	107723	Handle Ø 20 x 250	1 Stk	
		8	107174	Lever MGR 1500	1 Stk	
		9	107592	Slide bushing DIN1850 - J15 x 17 x 10	1 Stk	
		10	107727	Bolt Ø 15 x 32	1 Stk	

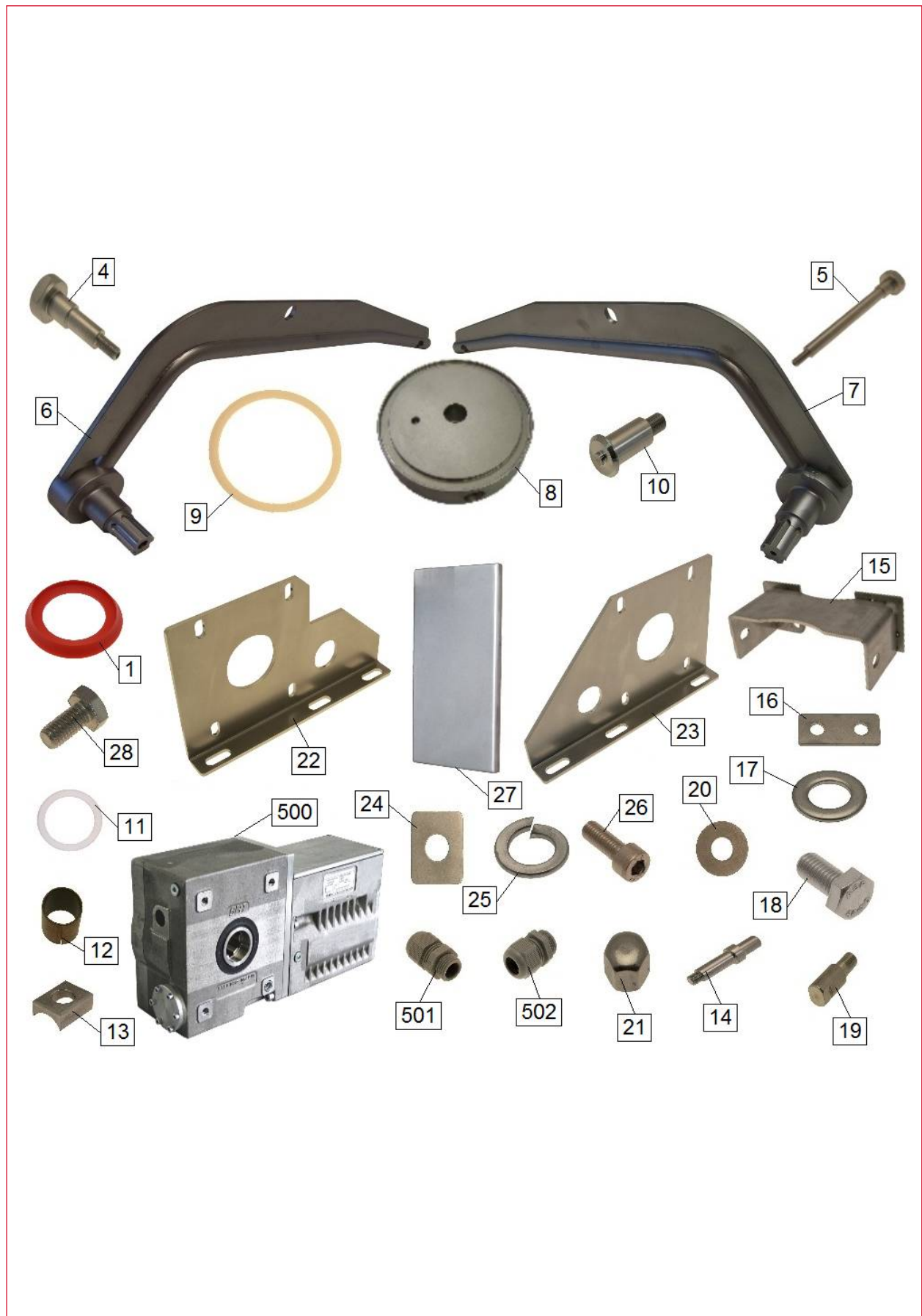
24 - Lid stop - 111783

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	111781	Plate / sheet 399,5 x 235 x 83 x 3	1 Stk	
		2	F22907	Disc Ø 10,5 x Ø 35 x 3	4 Stk	
		3	F27693	Washer DIN125 A 10,5	4 Stk	
		4	F20693	Hexagonal bolt DIN933 M10 x 35	4 Stk	
		5	F26379	Spring lock washer DIN127 B 10	4 Stk	
		6	F20147	Hexagonal nut DIN934 M 10	4 Stk	
		7	F20811	Cap nut DIN917 M 10	4 Stk	

3 - Lid - 107783

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107319	Strip 52 x 50 x 14	1 Stk	
		2	107320	Strip 52 x 50 x 14	1 Stk	
		3	107321	Strip 65 x 50 x 14	4 Stk	
		4	F20453	Countersunk bolt DIN7991 M 6 x 20	12 Stk	
		5	107179	Lid MGR 1500	1 Stk	
		6	106796	Seal 13 x 17 x 3000 roh	1 Stk	

4 - Cover drive - 107769



4 - Cover drive - 107769

		Position No.	Part No.	Designation	Quantity	
		1	112302	Seal Ø 75,5 x Ø 117,5 x 13,5	2 Stk	
		4	105240	Bolt Ø 35 x 85	1 Stk	
		5	105241	Bolt Ø 35 x 189	1 Stk	
		6	107757	Arm MGR 1500	1 Stk	
		7	107758	Arm MGR 1500	1 Stk	
		8	107326	Housing Ø 206 x 40	1 Stk	
		9	107340	Seal 13 x 17 x 572	1 Stk	
		10	107322	Shaft Ø 35 x 92	1 Stk	
		11	107323	Disc Ø 24,5 x Ø 18,5 x 3	2 Stk	
		12	107136	Slide bushing DIN1850 - J18 x 20 x 25	2 Stk	
		13	107324	Housing 40 x 30 x 18	4 Stk	

		Position No.	Part No.	Designation	Quantity	
		14	107325	Bolt Ø 25 x 98	2 Stk	
		15	107753	Housing MGR 1500	1 Stk	
		16	107328	Plate / sheet 60 x 25 x 3	2 Stk	
		17	F27693	Washer DIN125 A 10,5	12 Stk	
		18	F20402	Hexagonal bolt DIN933 M10 x 30	4 Stk	
		19	107722	Bolt Ø 20 x 57	2 Stk	
		20	107641	Washer Ø 14,5 x 35 x 4	4 Stk	
		21	F22759	Cap nut DIN917 M 14	4 Stk	
		22	107732	Elbow 295 x 184,3 x 5	1 Stk	
		23	107733	Elbow 295 x 184,3 x 5	1 Stk	
		24	F27800	Disc Ø 11 x 30 x 25 x 4	6 Stk	
		25	F26379	Spring lock washer DIN127 B 10	14 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		26	F22141	Cylinder head screw DIN912 M10 x 25	6 Stk	
		27	F22130	Cover 445 x 196 x 20 x 3	1 Stk	
		28	F20954	Hexagonal bolt DIN933 M10 x 20	8 Stk	
		500	112077	Gear motor STSG 029-04/000	1 Stk	
		501	F20948	Cable gland M 16 x 1.5	1 Stk	
		502	F29058	Cable gland M 20 x 1.5	1 Stk	

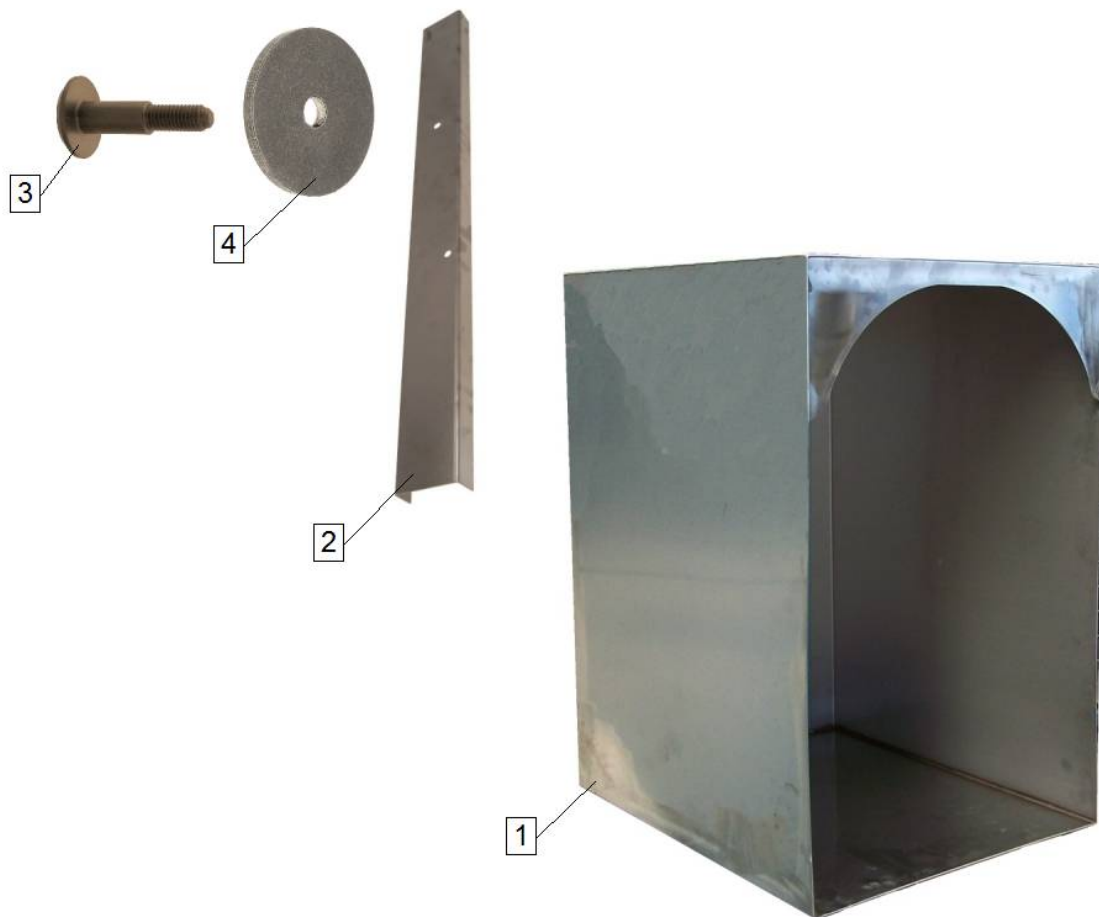
500 - Gear motor - 112077

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	112182	Limit switch MKR lid gear	1 Stk	

500 - Limit switch - 112182

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	112180	Micro switch on-off MZX1 021 105	1 Stk	
		501	112181	Micro switch MZT1 023 305	1 Stk	

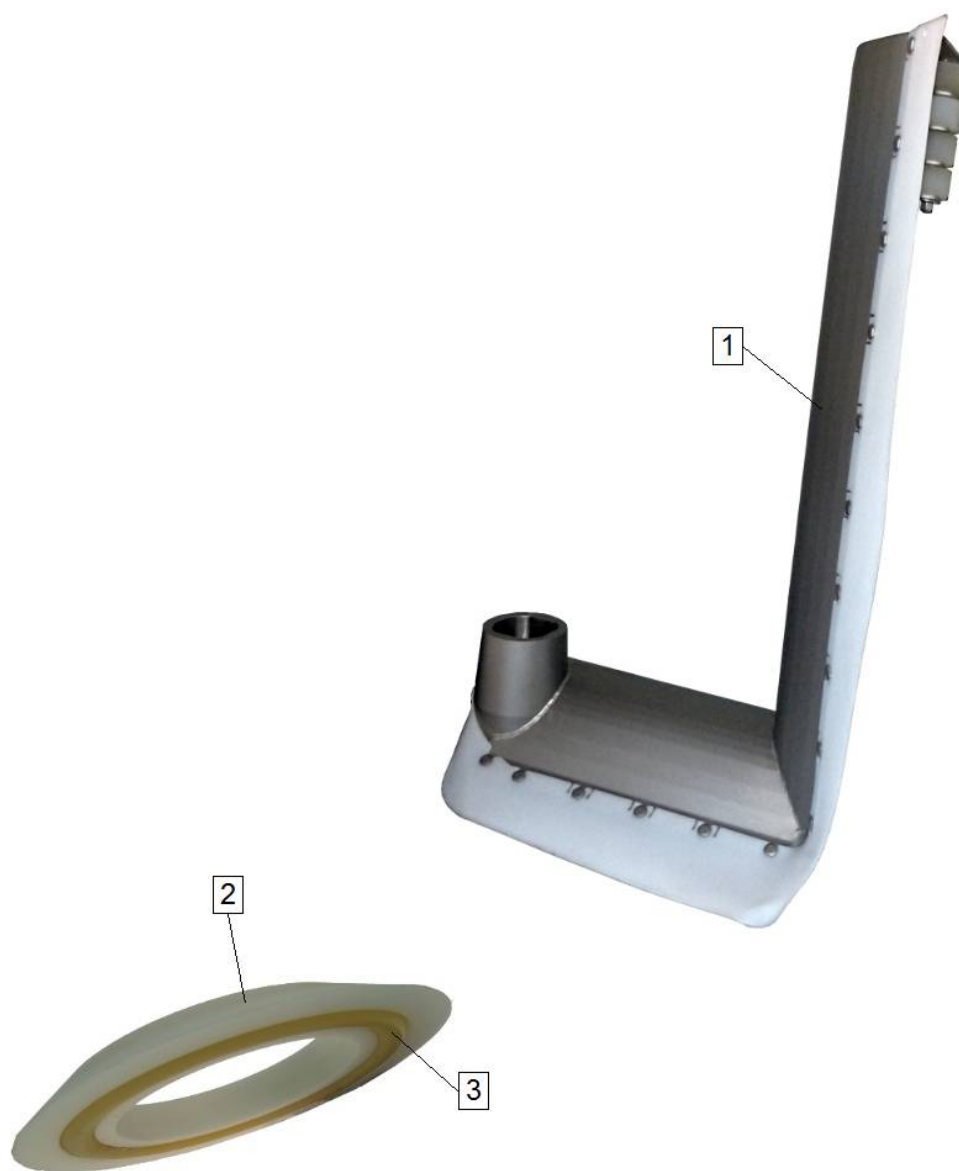
5 - Gear cover - 107751



5 - Gear cover - 107751

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107750	Gear cover MGR 1500	1 Stk	
		2	107533	Profile 32 x 48 x 895 x 2	1 Stk	
		3	F28903	Bolt Ø 25 x 46	3 Stk	
		4	F26606	Disc Ø 10,5 x Ø 52 x 3	2 Stk	

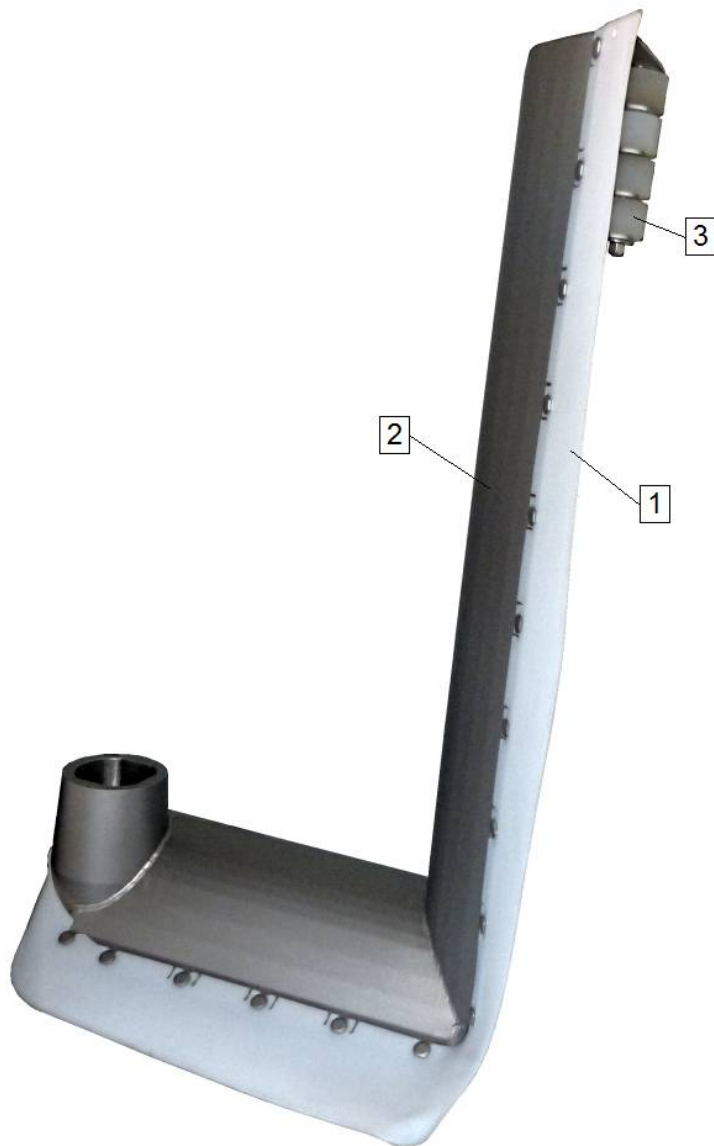
6 - Tumbling arm - 107803



6 - Tumbling arm - 107803

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107185	Tumbling arm MGR 1500	1 Stk	
		2	107224	Flange Ø 220 x Ø 120 x 28	1 Stk	
		3	107602	Seal Ø 140 x Ø 172 x 16	1 Stk	
		4	112597	Compensating disc d 146,5 x d 165,5 x 1	1 Stk	
		5	112596	Compensating disc d 146,5 x d 165,5 x 0,5	1 Stk	

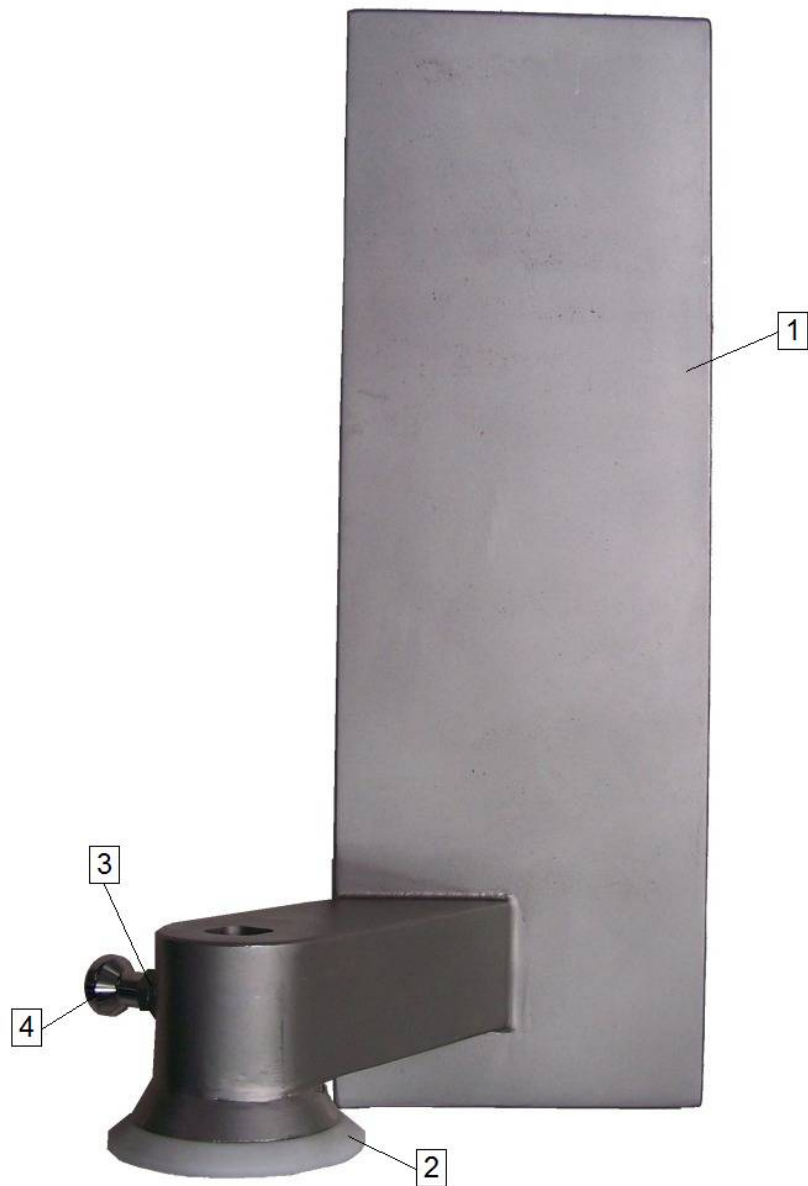
1 - Tumbling arm - 107185



1 - Tumbling arm - 107185

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107135	Scraper 1746 x 366 x 3	1 Stk	
		2	107505	Tumbling arm MGR 1500	1 Stk	
		3	107510	Roller MGR 1500	4 Stk	
		4	110357	Bolt Ø 20 x 196	1 Stk	
		5	F22907	Disc Ø 10,5 x Ø 35 x 3	1 Stk	
		6	F20811	Cap nut DIN917 M 10	1 Stk	
		7	107574	Pin Ø 21 x M8 x 14	1 Stk	

7 - Mixing arm - 107523



7 - Mixing arm - 107523

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107186	Mixing arm MGR 1500	1 Stk	
		2	107249	Flange Ø 130 x 23,5	1 Stk	
		3	F445613	Locking bolt GN 617-10-G-PI	1 Stk	
		4	F245615	Mushroom-shaped button K3025 308 M8 VA	1 Stk	

8 - Lifting aid - 110250



8 - Lifting aid - 110250

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		2	110225	Plate / sheet 749 x 96 x 41 x 5	4 Stk	
		3	110229	Carriage MGR 1500	1 Stk	
		4	110223	Baffle MGR 1500	1 Stk	
		5	110239	Housing MGR 1500	1 Stk	
		6	110241	Chute MGR 1500	1 Stk	
		7	F24901	Washer Ø 12,5 x Ø 35 x 3	12 Stk	
		8	F20204	Hexagonal nut DIN934 M 12	12 Stk	
		9	106888	Drive MGR 900/1500 MPR 500	1 Stk	
		10	110247	Housing MGR 1500	1 Stk	
		11	110182	Plate / sheet 409 x 94 x 70 x 5	1 Stk	
		12	107641	Washer Ø 14,5 x 35 x 4	3 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		13	F25285	Hexagonal bolt DIN933 M14 x 25	3 Stk	
		14	111764	Chain reception 40 x 30 x 152	1 Stk	
		15	111766	Bolt Ø 12 x 40	1 Stk	
		17	110258	Round steel chain 8 x 24	1 Stk	
		18	110448	Plate / sheet 510 x 60 x 38 x 2,5	1 Stk	
		19	110449	Plate / sheet 387 x 60 x 38 x 2,5	1 Stk	
		20	F22888	Washer DIN125 A 8,4	2 Stk	
		21	F21260	Spring lock washer DIN127 B 8	2 Stk	
		22	F25869	Cylinder head screw DIN912 M 8 x 16	2 Stk	
		23	107043	Sliding block N1025	2 Stk	

3 - Carriage - 110229

		Position No.	Part No.	Designation	Quantity	
		1	110228	Carriage MGR 1500	1 Stk	
		2	106879	Bolt d 40 x 302	1 Stk	
		3	106886	Disc d 40,2 x d 140 x 4	1 Stk	
		4	106887	Disc d 40,2 x d 140 x 4	1 Stk	
		5	106885	Disc d 9 x d 50 x 4	2 Stk	
		6	107427	Bushing Ø 20,5 x Ø 25 x 18,5	1 Stk	
		7	107171	Locking bolt GN 817-12-15-G-Ni	1 Stk	
		8	107647	Mushroom-shaped button M 6 VA	1 Stk	
		10	F20207	Countersunk bolt DIN7991 M 8 x 25	2 Stk	
		16	110092	Axial grooved ball bearing S6305 - 2RS	4 Stk	
		17	106911	Role Ø 43 x Ø 70 x 24	4 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		18	F25429	Locking ring DIN471 Ø 25 x 1,2	4 Stk	
		19	F256453	Locking ring DIN472 Ø 62 x 2	4 Stk	
		20	110211	Threaded pin DIN915 M 6 x 20	4 Stk	
		21	110278	Roll MGR 900 / 1500	2 Stk	

21 - Roll - 110278

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	106909	Roll d 28 x d 40 x 40	1 Stk	
		2	110093	Needle bearing RNA4902A.2RS	2 Stk	
		3	106917	Disc d 20,2 x d 31 x 5,8	2 Stk	
		4	106908	Bolt Ø 20 x 65	1 Stk	

4 - Baffle - 110223

		Position No.	Part No.	Designation	Quantity	
		1	110222	Baffle MGR 1500	1 Stk	
		2	106830	Baffle d 217 x 34	2 Stk	
		3	106831	Bolt Ø 46 x 61	2 Stk	
		4	106832	Housing d 46 x 24,5	2 Stk	
		5	F20562	Tapered ball bearing DIN628 - 3205	2 Stk	
		6	107127	Radial shaft seal Ø 40 x Ø 52 x 7	2 Stk	
		7	F21345	Radial shaft seal Ø 35 x Ø 47 x 7	2 Stk	
		8	F20207	Countersunk bolt DIN7991 M 8 x 25	2 Stk	
		9	110168	Hexagonal bolt DIN933 M10 x 70	6 Stk	
		10	F22907	Disc Ø 10,5 x Ø 35 x 3	11 Stk	
		11	F26379	Spring lock washer DIN127 B 10	6 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		12	114902	Plate / sheet MGR 1500	1 Stk	
		13	106940	Seal 32 x 28 x 4	4 Stk	
		14	106941	Plate / sheet 50 x 47 x 2	2 Stk	
		15	F26876	Disc Ø 6,5 x Ø 20 x 4	4 Stk	
		16	F20810	Cap nut DIN917 M 6	4 Stk	
		17	F29301	Disc Ø 12,5 x Ø 40 x 4	2 Stk	
		18	F20812	Cap nut DIN917 M 12	2 Stk	
		19	110249	Plate / sheet 209 x 70 x 12	2 Stk	
		20	F22907	Disc Ø 10,5 x Ø 35 x 3	8 Stk	
		21	F20811	Cap nut DIN917 M 10	8 Stk	
		22	110270	Hinge 102,5 x 90 x 23 x 5	2 Stk	
		23	110269	Hinge 112,5 x 102,5 x 9 x 4	2 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		24	F24432	Disc Ø 10,5 x Ø 35 x 3	3 Stk	
		25	110445	Guide MGR 1500	1 Stk	
		26	110446	Guide MGR 1500	1 Stk	
		27	111595	Protection against acc contact 20 x 20 x 68	2 Stk	
		28	F20130	Cylinder head screw DIN912 M 6 x 20	4 Stk	

5 - Housing - 110239

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	110238	Housing MGR 1500	1 Stk	
		2	108986	Slide bushing HSM-4044-50	2 Stk	
		3	106853	Disc Ø 75,2 x Ø 90 x 5	1 Stk	
		4	106977	Disc d 76,3 x d 130 x 8,5	1 Stk	
		5	106978	Stop d 130 x 185 x 12	1 Stk	
		6	106979	Lid Ø 100 x 34,5	1 Stk	

6 - Chute - 110241

		Position No.	Part No.	Designation	Quantity	
		1	110245	Housing MGR 1500	1 Stk	
		2	107164	Slide bushing GSM-7580-60	2 Stk	
		3	111084	Hexagonal bolt DIN933 M 14 x 45	4 Stk	
		4	F20205	Hexagonal nut DIN934 M 14	4 Stk	
		5	111765	Bolt Ø 12 x 85	1 Stk	
		6	106972	Nut M 10 x d 25 x 8	1 Stk	
		7	106973	Lid M 22 x 1,5 x 8	1 Stk	
		8	F248042	Pressure spring d1.25 x De13.75 x 27	1 Stk	
		9	110674	Chute MGR 900/1500	1 Stk	
		10	F27693	Washer DIN125 A 10,5	2 Stk	
		11	F22141	Cylinder head screw DIN912 M10 x 25	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		12	106975	Housing MGR 400/900/1500	1 Stk	
		13	F23418	Disc Ø 8,5 x Ø 35 x 3	2 Stk	
		14	F20134	Cap nut DIN917 M 8	3 Stk	
		15	F20207	Countersunk bolt DIN7991 M 8 x 25	1 Stk	
		17	F28727	Bolt M10 x 90	1 Stk	
		18	F245222	Ring Ø 10,5 x Ø 19 x 4,5	2 Stk	
		19	F245225	Pressure spring d2.0 x De18 x 68	1 Stk	
		20	F20811	Cap nut DIN917 M 10	1 Stk	
		21	F20130	Cylinder head screw DIN912 M 6 x 20	1 Stk	
		22	F26951	Washer Ø 6,5 x Ø 20 x 3	1 Stk	
		23	F20810	Cap nut DIN917 M 6	1 Stk	
		24	107413	Disc Ø 8,5 x Ø 35 x 1	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		25	110215	Shaft Ø 50 x 660	2 Stk	
		26	F21042	Hexagonal bolt DIN933 M12 x 30	4 Stk	
		27	113406	Disc d 10,5 x d 13,5 x 1	1 Stk	

9 - Chute - 110674

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	110672	Chute MGR 900/1500	1 Stk	
		2	110642	Rubber 1054 x 368 x 5	1 Stk	
		3	110664	Frame 783 x 359,5 x 26,5 x 4	1 Stk	
		4	F248868	Slide bushing DIN1850 - J10 x 12 x 10	2 Stk	
		5	F21057	Ring Ø 10 x Ø 22 x 2,5	2 Stk	
		6	110668	Deflection plate MGR 400/900/1500	1 Stk	
		7	110663	Lever 124 x 30 x 20 x 3	2 Stk	
		8	110667	Deflection plate MGR 400/900/1500	1 Stk	
		9	F20134	Cap nut DIN917 M 8	2 Stk	
		10	F27693	Washer DIN125 A 10,5	2 Stk	

9 - Drive - 106888

		Position No.	Part No.	Designation	Quantity	
		1	106892	Drive shaft d 45 x 300	1 Stk	
		2	106893	Cable drum counterclockwise d 200 x 71	1 Stk	
		3	106894	Cable drum clockwise d 200 x 71	1 Stk	
		4	106891	Adjusting spring B 14 x 9 x 290	1 Stk	
		5	106896	Disc d 225 x 2,5	2 Stk	
		6	106899	Disc d 225 x 2,5	2 Stk	
		9	F20949	Hexagonal bolt DIN933 M 8 x 55	1 Stk	
		10	106907	Plate / sheet MGR 900	1 Stk	
		11	106903	Role Ø 10,2 x Ø 30 x 53	6 Stk	
		12	106904	Tube d 10 x 1 x 74	6 Stk	
		13	106905	Disc d 258 x 2,5	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		14	F24901	Washer Ø 12,5 x Ø 35 x 3	4 Stk	
		15	F23234	Hexagonal bolt DIN933 M12 x 45	4 Stk	
		16	F21281	Hexagonal bolt DIN933 M 8 x 16	22 Stk	
		17	108854	Hexagonal bolt DIN931 M 8 x 85	6 Stk	
		18	110097	Wire rope d 8 mm - 6 x 36 WS + IWRC	2 Stk	
		19	F20204	Hexagonal nut DIN934 M 12	6 Stk	
		20	F20590	Hexagonal bolt DIN933 M10 x 16	6 Stk	
		21	106906	Plate / sheet MGR 900	1 Stk	
		22	F26600	Disc Ø 8,5 x Ø 20 x 2	14 Stk	
		23	110280	Disc d 9 x d 55 x 8,0	1 Stk	
		24	F20455	Hexagonal bolt DIN933 M 8 x 25	1 Stk	
		25	111242	Sprocket MGR 500 / 900 / 1500	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	110094	Gear motor with brake GSS06-2M HBR 090C32	1 Stk	
		501	110898	Reducing adapter PA-Reducing M25/M20x1,5	1 Stk	
		502	F29058	Cable gland M 20 x 1.5	1 Stk	
		503	104152	Cable gland PERFECT-KV-EMV M20x1.5	1 Stk	

500 - Gear motor with brake - 110094

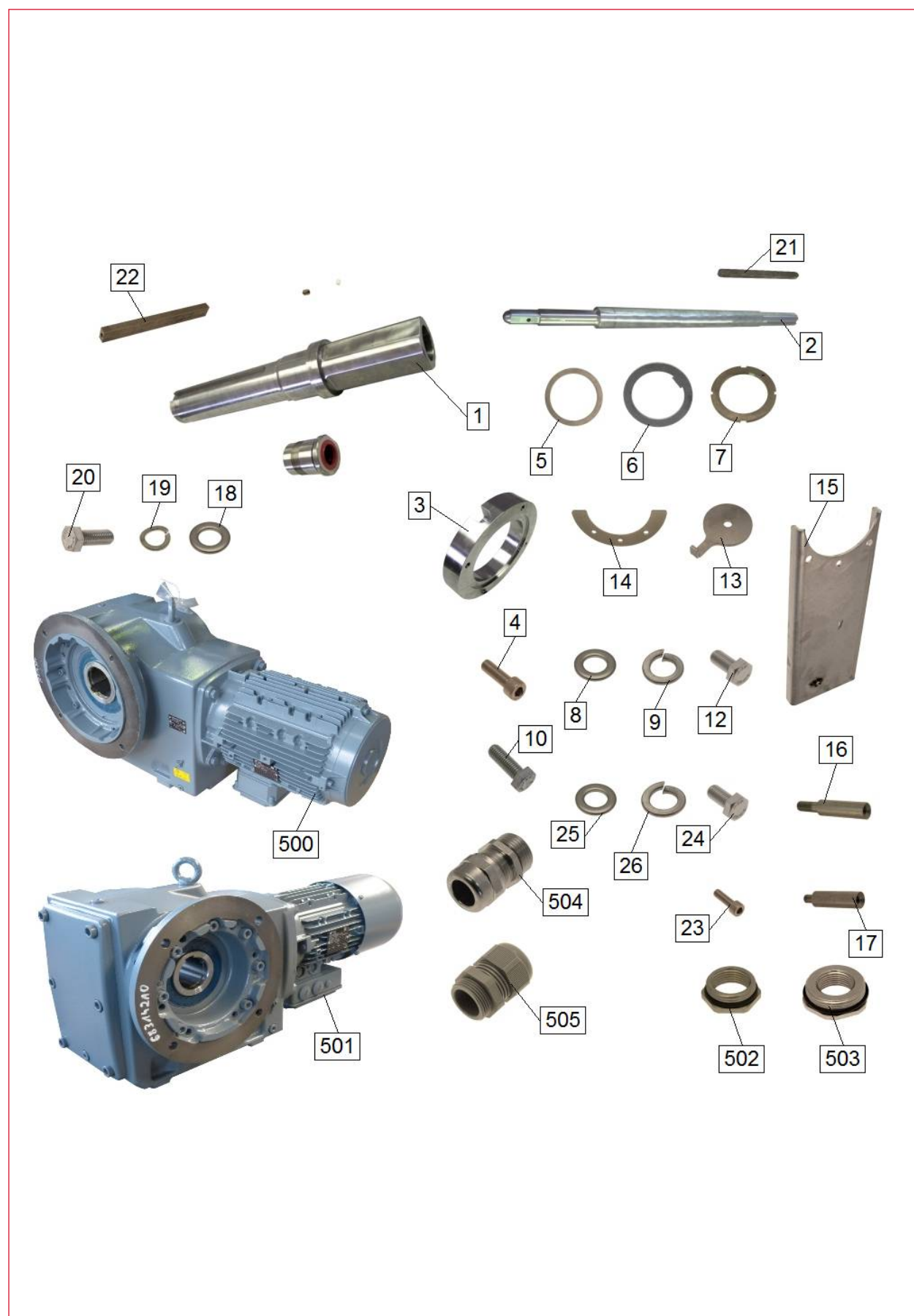
		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	111553	Solenoid brake INTORQ BFK458	1 Stk	

10 - Housing - 110247

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	106945	Housing MGR 900 / 1500	1 Stk	
		2	110246	Signal plate 90 x 87 x 3	1 Stk	
		3	106947	Slide bushing ZFM-1416-17	1 Stk	
		4	106948	Sprocket wheel Z 80 m 1,5 d 120 x 17	1 Stk	
		5	109226	Bushing d 8,2 x d 12 x 12	2 Stk	
		6	106949	Switching flag 74 x 52 x 32 x 3	1 Stk	
		7	106952	Disc d 6,5 x d 30 x 6	1 Stk	
		8	F20417	Hexagonal bolt DIN933 M 6 x 16	1 Stk	
		9	F22888	Washer DIN125 A 8,4	4 Stk	
		10	F21260	Spring lock washer DIN127 B 8	2 Stk	
		11	F21281	Hexagonal bolt DIN933 M 8 x 16	2 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		12	F20449	Hexagonal bolt DIN933 M 8 x 30	2 Stk	
		13	F22907	Disc Ø 10,5 x Ø 35 x 3	2 Stk	
		14	F20588	Hexagonal bolt DIN933 M10 x 40	2 Stk	
		15	106999	Cylinder head screw DIN912 M 5 x 35	4 Stk	
		16	F27070	Plate / sheet 36 x 12 x 4	2 Stk	
		17	F26379	Spring lock washer DIN127 B 10	2 Stk	

9 - Mixing system - 107781



9 - Mixing system - 107781

		Position No.	Part No.	Designation	Quantity	
		1	107616	Drive shaft MGR 1500	1 Stk	
		2	107581	Shaft Ø 55 x 1048	1 Stk	
		3	107225	Flange Ø 300 x Ø 180 x 50	1 Stk	
		4	F245872	Cylinder head screw DIN912 M12 x 50	4 Stk	
		5	107222	Ring Ø 90,5 x Ø 110 x 10	2 Stk	
		6	107596	Switching flag Ø 120 x 136,9 x 4	1 Stk	
		7	107599	Nut Ø 120 x 8	2 Stk	
		8	F20202	Washer DIN125 A 13	5 Stk	
		9	F20210	Spring lock washer DIN127 B 12	5 Stk	
		10	108347	Hexagonal bolt DIN933 M12 x 35	4 Stk	
		12	F22138	Hexagonal bolt DIN933 M10 x 25	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		13	107207	Switching flag Ø 70 x 105 x 20 x 5	1 Stk	
		14	107585	Disc Ø 200 x Ø 135 x 5	1 Stk	
		15	107780	Housing MGR 1500	1 Stk	
		16	107582	Bolt Ø 15 x 73	1 Stk	
		17	107583	Bolt Ø 15 x 60	1 Stk	
		18	F23713	Washer DIN125 A 17	4 Stk	
		19	F24015	Spring lock washer DIN127 B 16	4 Stk	
		20	F25287	Hexagonal bolt DIN933 M16 x 45	4 Stk	
		21	F252504	Adjusting spring AB 14 x 9 x 168	1 Stk	
		22	F22078	Adjusting spring 25 x 14 x 235	1 Stk	
		23	F22068	Cylinder head screw DIN912 M 6 x 12	1 Stk	
		24	F20323	Hexagonal bolt DIN933 M12 x 25	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		25	F27693	Washer DIN125 A 10,5	2 Stk	
		26	F26379	Spring lock washer DIN127 B 10	2 Stk	
		500	112023	Gear motor SK9052.1AF-132SH/4 TF OL/H	1 Stk	
		501	112009	Gear motor SK9032.1AF-90L/4 BRE10 RG TF	1 Stk	
		502	104154	Reducing adapter MS-Reduktion M25/M20x1,5	1 Stk	
		503	104153	Reducing adapter MS-Reduktion M32/M20x1,5	1 Stk	
		504	104152	Cable gland PERFECT-KV-EMV M20x1.5	2 Stk	
		505	F29057	Cable gland M 25 x 1.5	1 Stk	

1 - Drive shaft - 107616

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107611	Drive shaft MGR 1500	1 Stk	
		2	F20837	Threaded pin DIN914 M 8 x 10	1 Stk	
		3	107231	Bolt Ø 10 x 12	1 Stk	

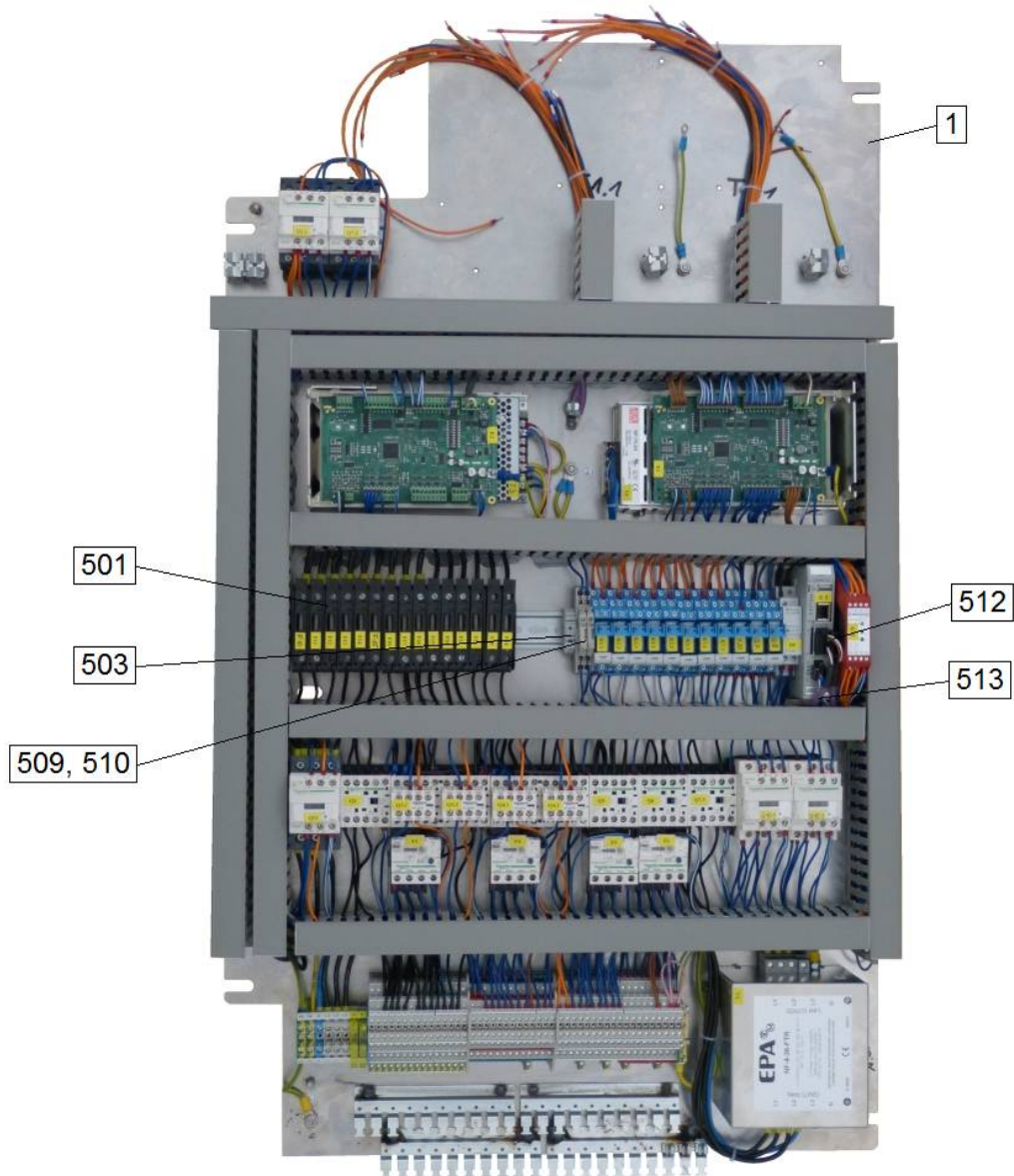
1 - Drive shaft - 107611

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107232	Shaft d 58 x d 120 x 653	1 Stk	
		2	108192	Housing MGR 900/1500	1 Stk	

2 - Housing - 108192

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107610	Bushing Ø 44 x Ø 75 x 85	1 Stk	
		2	107128	Scraper Ø 55,2 x Ø 39,8 x 8	1 Stk	
		3	108986	Slide bushing HSM-4044-50	1 Stk	
		4	107127	Radial shaft seal Ø 40 x Ø 52 x 7	3 Stk	
		5	107604	O-ring Ø 60 x 3	1 Stk	

10 - Switch box - 111627

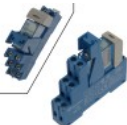


10 - Switch box - 111627

		Position No.	Part No.	Designation	Quantity	
		1	110727	Mounting plate MGR/MPR 400/500/900/1500	1 Stk	
		2	F28731	Cable duct 80 x 30 x 2000	3120 mm	
		3	F28731	Cable duct 80 x 30 x 2000	1680 mm	
		4	F28731	Cable duct 80 x 30 x 2000	620 mm	
		5	F28731	Cable duct 80 x 30 x 2000	200 mm	
		500	111254	Components MPR 400/500/900/1500	1 Stk	
		501	F27066	Fuse terminal block 6.4 x 32 mm	15 Stk	
		502	F27067	Side plate black FEM 13U	1 Stk	
		503	F28278	End terminal BNK - BADL	1 Stk	
		504	F148541	Sticker BMK02	4 Stk	
		505	F27083	Diode 1N5401	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		506	F27326	Insulating screw joint 6mm²	2 Stk	
		507	112742	Jumper link 095.18 blue	5 Stk	
		508	113954	Cross connector isolated IVB WK 2,5-K-5 ROT	2 Stk	
		509	104292	Grounding fuse terminal 5,0 x 20 mm / 6,3 x 32 mm	2 Stk	
		510	104293	Fuse disconnect lever THSI 5x20 GL250, 250V 6,3A	2 Stk	
		511	110837	Side plate grey APFN 4 D2/2	1 Stk	
		512	114007	BUS-cable mini IPC - Plat. K1 MPR 400/500/900/1500	1 Stk	
		513	114008	BUS-cable Plat. K1 - Plat. K2 MPR 400/500/900/1500	1 Stk	
		514	102242	Clamping bracket 4 - 13.5mm	4 Stk	

500 - Components - 111254

		Position No.	Part No.	Designation	Quantity	
		500	110817	Multi-wire cable set MPR 400/500/900/1500	1 Stk	
		501	112007	Phase sequence relay 70.61.8.400.0000	1 Stk	
		502	F22283	Motor protect. relay 1.8 -2.6A LR 2-K0308	3 Stk	
		503	F20912	Motor protect. relay 1.2 -1.8A LR 2-K0307	1 Stk	
		504	106533	I/O board 16DI/16DO/2AI/2AO/PT100 I	2 Stk	
		505	112466	Relay 1 CO / 24 VDC / 10A	11 Stk	
		506	104980	Power contactor 24VDC LC1 D38 BD	1 Stk	
		507	F20916	Turn contactor LP2-K0910 BD3	2 Stk	
		508	106925	Aux. switch block LA1 KN22	2 Stk	
		509	F257515	Turn contactor LC2 D18 BD	1 Stk	
		510	F27091	Power contactor 24VDC LP1 K0910 BD3	4 Stk	

		Position No.	Part No.	Designation	Quantity	
		511	108013	Line filter 36A EPA NF-4-36-FTR	1 Stk	
		512	F27618	Circuit board holder 20800032	2 Stk	
		513	112131	Terminal strip MGR 400/900/1500	1 Stk	
		517	106695	Emergency stop safety relay SCR 4-W22-3.5-D	1 Stk	
		518	F248631	Power supply 230VAC/24VDC SP75-24	1 Stk	
		519	113797	Programmed mini IPC FIO-controller 113	1 Stk	
		520	110908	Auxiliary contactor 24VDC CAD32 BD	2 Stk	
		521	111628	Power supply 230VAC/5VDC/12VDC RT-65B	1 Stk	
		522	108267	Grounding cable I/O board	2 Stk	
		523	114073	Aux. switch block LA1 KN13	2 Stk	

522 - Grounding cable - 108267

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	F21048	Washer DIN125 A 3,2	1 Stk	
		2	104913	Hexagonal nut DIN985 M 3	1 Stk	
		3	F23492	Countersunk screw DIN85 M 3 x 10	1 Stk	
		500	F27323	Litz 2,5mm ² H07V-K 2,5 mm ² GN/YE	100 mm	
		501	F252659	Spade terminal Without insulation	1 Stk	
		502	F28167	Flat-type female terminal 730V fully insulated, blue	1 Stk	
		503	F27683	Crimp type socket 630/6, blue isolated	1 Stk	

512 - BUS-cable mini IPC - Plat. K1 - 114007

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104082	BUS cable CAN bus Unitronik BUS CAN UL/CSA	600 mm	
		501	F27789	Cable end sleeve 0,25 mm² yellow	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-9	Labeling cable 9	40 mm	

513 - BUS-cable Plat. K1 - Plat. K2 - 114008

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104082	BUS cable CAN bus Unitronik BUS CAN UL/CSA	1000 mm	
		501	F27789	Cable end sleeve 0,25 mm² yellow	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-3	Labeling cable 3	40 mm	
		504	F28135-0	Labeling cable 0	40 mm	

13 - Drum swivelling - 107782



13 - Drum swivelling - 107782

		Position No.	Part No.	Designation	Quantity	
		1	107130	Zylinder bearing NU1024-M1	2 Stk	
		2	107133	Locking ring DIN472 Ø 180 x 4	1 Stk	
		3	107219	Bushing Ø 130 x Ø 120,5 x 135,5	1 Stk	
		4	109054	Spherical roller bearing 22224 CA W33	1 Stk	
		5	107218	Bushing Ø 130 x Ø 120 x 35	1 Stk	
		6	107227	Disc Ø 90,5 x Ø 185 x 5	1 Stk	
		8	107599	Nut Ø 120 x 8	2 Stk	
		9	107731	Shaft M 30 x 1,5 x 143	1 Stk	
		10	F250290	Disc Ø 16,5 x Ø 41 x 3	1 Stk	
		11	F20016	Hexagonal nut DIN934 M 16	1 Stk	
		12	107789	Plate / sheet 245,7 x 107,9 x 2,5	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		13	F20532	Hexagonal bolt DIN933 M12 x 20	2 Stk	
		14	107791	Plate / sheet 242,6 x 245,8 x 5	1 Stk	
		15	107790	Plate / sheet 173,6 x 242,2 x 5	1 Stk	
		16	F22174	Cylinder head screw DIN912 M 5 x 12	3 Stk	
		17	F21045	Washer DIN125 A 5,3	2 Stk	
		18	F20260	Spring lock washer DIN127 B 5	2 Stk	
		19	F25848	Cylinder head screw DIN912 M 5 x 16	2 Stk	
		20	107132	Locking ring DIN472 Ø 215 x 5	1 Stk	
		21	F28922	Hexagonal nut DIN439 M 30 x 1,5	2 Stk	
		22	F22078	Adjusting spring 25 x 14 x 235	1 Stk	
		23	F22068	Cylinder head screw DIN912 M 6 x 12	1 Stk	
		24	F27070	Plate / sheet 36 x 12 x 4	2 Stk	

		Position No.	Part No.	Designation	Quantity	
		25	F243084	Cover 45 x 40 x 18,5 x 2,5	2 Stk	
		26	F246121	Plate / sheet 36 x 30 x 2,5	1 Stk	
		27	F25987	Cylinder head screw DIN84 M 5 x 30	2 Stk	
		28	F240977	Cylinder head screw DIN84 M 5 x 35	2 Stk	
		500	F245140	Gear motor with brake SK9053.1AZD-80 S/4 BRE1	1 Stk	
		501	F29057	Cable gland M 25 x 1.5	1 Stk	
		502	110898	Reducing adapter PA-Reducing M25/M20x1,5	1 Stk	
		503	F29058	Cable gland M 20 x 1.5	1 Stk	
		507	112487	Resistance thermometer W16-K223	1 Stk	

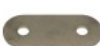
500 - Gear motor with brake - F245140

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F249174	Solenoid brake 0503/10	1 Stk	
		501	F21513	Rectifier GHE40L	1 Stk	

14 - Vacuum system - 107425



14 - Vacuum system - 107425

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107147	Hose NW 25 x 1600 mm	1 Stk	
		2	107148	Hose NW 25 x 4500 mm	1 Stk	
		3	F255341	Double nipple 1 1/4" - 1"	1 Stk	
		4	F255342	Screw joint 1"	1 Stk	
		5	F257827	Double nipple 1"	2 Stk	
		6	110183	Screw joint MGR 1500	1 Stk	
		7	107525	Silencer 1 inch	1 Stk	
		8	107545	Reducing adapter RI1EDX1/4CF	1 Stk	
		9	106228	Cylinder head screw DIN912 M 8 x 10	3 Stk	
		10	107463	Shackle 85 x 35 x 3	3 Stk	
		11	F26717	Disc Ø 9 x Ø 20 x 2	3 Stk	

		Position No.	Part No.	Designation	Quantity	
		12	F21260	Spring lock washer DIN127 B 8	3 Stk	
		13	F20259	Hexagonal nut DIN934 M 8	3 Stk	
		14	107532	Moisture trap MGR 1500	1 Stk	
		15	107354	Nut M100 x 2 x Ø 145 x 6	1 Stk	
		16	107355	Housing Ø 45 x Ø 34 x 10	2 Stk	
		17	105506	Vacuum pump oil 1000 ml bottle	1 Stk	
		500	107070	Vacuum pump RA 0025 F 503	1 Stk	
		502	106916	2/2 way valve 230 V 242R0000/25/V2G1E 23050	2 Stk	
		503	F20914	Pressure transmitter 8472.xx.5717.05.19.61.01	1 Stk	

14 - Moisture trap - 107532

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	107348	Housing Ø 120 x 130,5	1 Stk	
		2	107349	Housing 90 x 37,5 x 18	1 Stk	
		3	107352	Flap 90 x 90 x 6	1 Stk	
		4	107356	Pin Ø 6 x 30	1 Stk	
		5	F20598	Countersunk bolt DIN7991 M 5 x 12	2 Stk	
		6	110938	Seal 8 x 6 x 260	1 Stk	
		7	107353	Weight Ø 40 x 10	1 Stk	
		8	F25984	Cylinder head screw DIN84 M 5 x 12	1 Stk	

500 - Vacuum pump - 107070

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	110014	Oil filter Oil filter for No.: 107070	1 Stk	
		2	111843	Filter vacuum pump MGR1500	1 Stk	

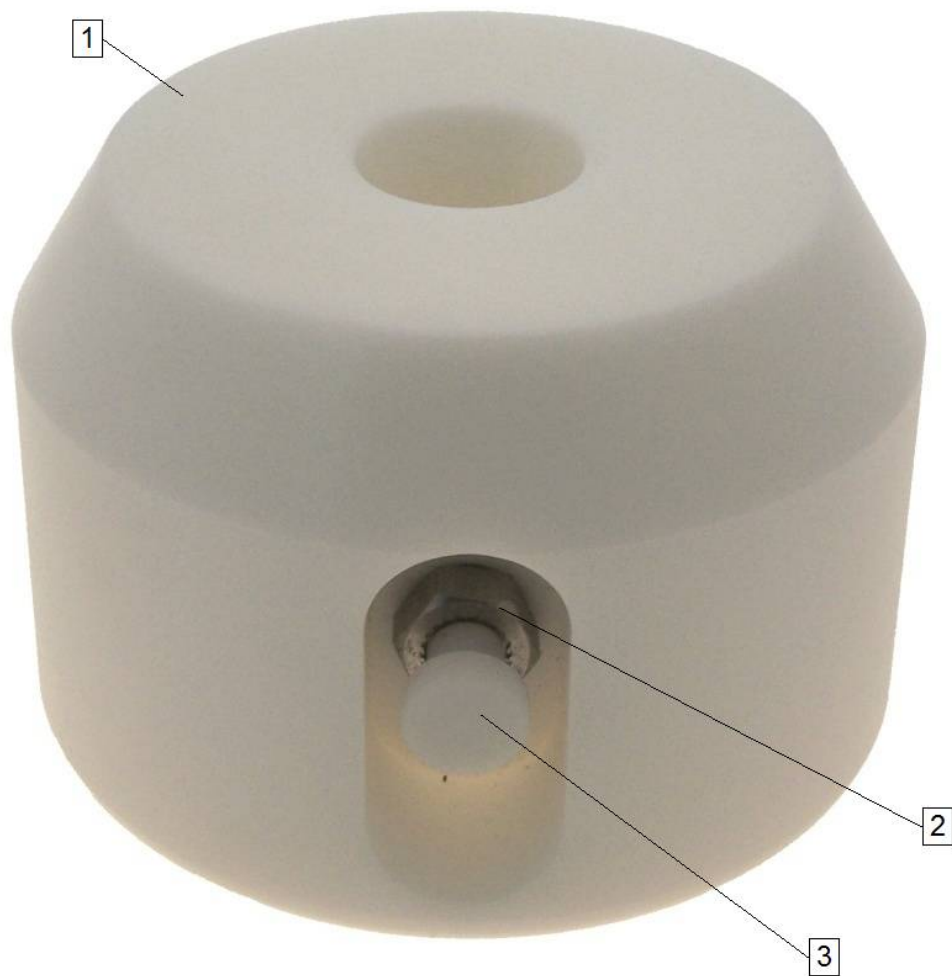
15 - Side cap - 113109



15 - Side cap - 113109

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	112306	Side cap 2058 x 1370 x 13 x 1,5	1 Stk	
		2	108678	Bolt lock MGR 400/900	11 Stk	
		3	110852	Seal 18 x 17	3976 mm	
		4	110852	Seal 18 x 17	2596 mm	
		5	111511	Seal 18 x 17 x 50 x 50 corner	4 Stk	

16 - Blank plug - 109536



16 - Blank plug - 109536

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	109367	Bushing d 30 x d 164 x 109,5	1 Stk	
		2	F445613	Locking bolt GN 617-10-G-PI	1 Stk	
		3	109317	Mushroom-shaped button d 7 x d 21 x 21	1 Stk	

17 - Cooling system - 108864



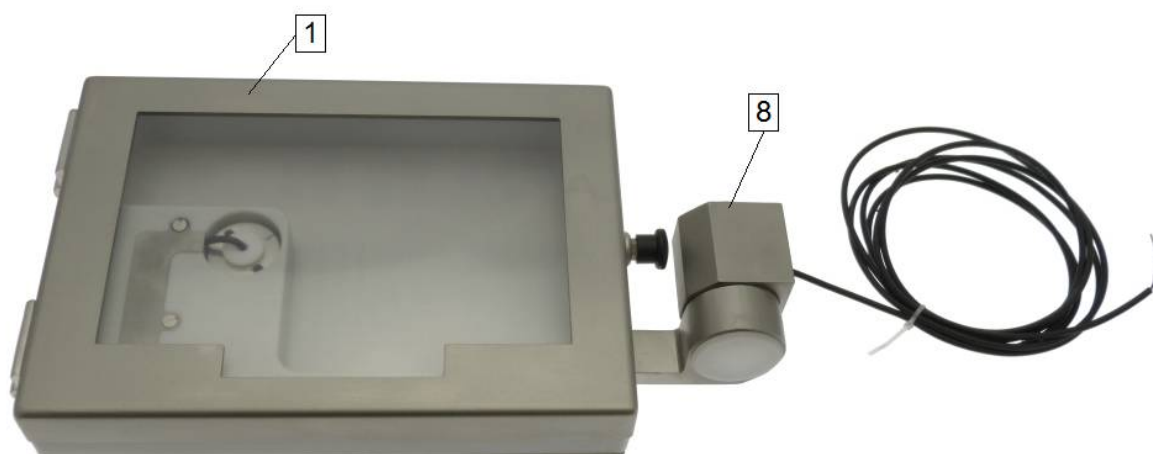
17 - Cooling system - 108864

		Position No.	Part No.	Designation	Quantity	
		1	108212	Cooling unit TRJ9480ZMH	1 Stk	
		2	F25961	Expansion valve TMVBL R404A	1 Stk	
		3	F249768	Weldable coupler 3/4 UNF Ø 12 mm	1 Stk	
		6	F22888	Washer DIN125 A 8,4	2 Stk	
		7	F21260	Spring lock washer DIN127 B 8	2 Stk	
		8	F20449	Hexagonal bolt DIN933 M 8 x 30	2 Stk	
		9	F27944	Tar strip DV-15 for cooling hose	0,550 m	
		10	F29359	Nozzle VD 0.7	1 Stk	
		11	112960	Insulating bag T/TE2/TI/TMV	1 Stk	
		500	110893	Warning light Warning hot surface	1 Stk	

1 - Cooling unit - 108212

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	112310	Suction hose 2 x straight 3/4"	1 Stk	
		2	112311	Suction hose 2 x straight 5/8"	1 Stk	

37 - Tablet bracket - 114024



37 - Tablet bracket - 114024

		Position No.	Part No.	Designation	Quantity	
		1	114023	Tablet bracket MPR 500/900	1 Stk	
		2	111945	Solenoid Ø 23 x Ø 40 x 6	2 Stk	
		3	111921	Slide bushing A500SM-1416-16	1 Stk	
		4	111922	Bolt Ø 34 x 41	1 Stk	
		5	111918	Bushing Ø 20 x 12	1 Stk	
		6	111923	Bushing Ø 14,1 x Ø 34 x 4	1 Stk	
		7	F22961	Disc spring Ø 20,6 x Ø 34,8 x 2	1 Stk	
		8	111915	Housing 50 x 50 x 53	1 Stk	
		9	111041	Lid Ø 46 x 6	2 Stk	
		10	F26600	Disc Ø 8,5 x Ø 20 x 2	4 Stk	
		11	F21281	Hexagonal bolt DIN933 M 8 x 16	4 Stk	

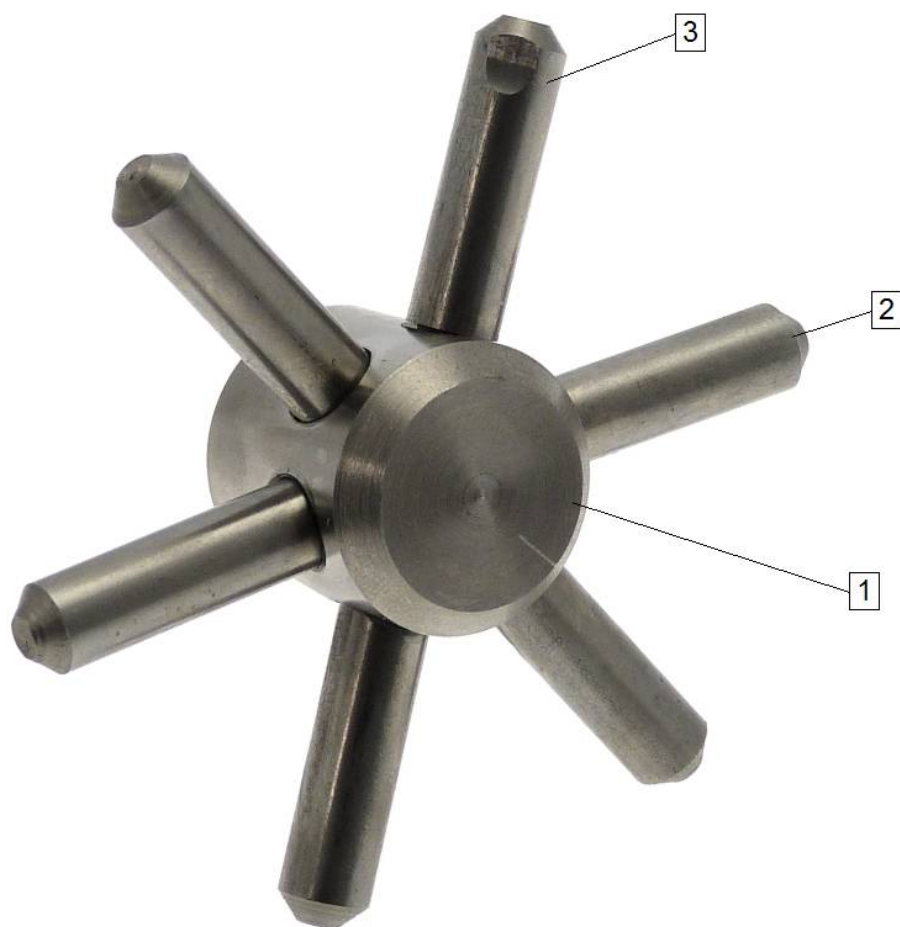
		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		12	F23360	Threaded pin DIN916 m 6 x 20	1 Stk	
		13	111789	Brake disc Ø 16,2 x Ø 50 x 1	1 Stk	

1 - Tablet bracket - 114023

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	111932	Plate MPR 500/900	1 Stk	
		2	114022	Housing 278,5 x 198 x 42	1 Stk	
		3	111936	Lid MPR 500/900/150	1 Stk	
		4	111022	Locking bolt GN 822 - 5 - B - NI	1 Stk	
		5	111810	Hinge 218-9301	2 Stk	
		6	112102	Raised countersunk-head screw DIN964 M 5 x 10	4 Stk	
		7	111788	Bushing Ø 6,2 x Ø 36 x 22	1 Stk	
		8	105199	Sticker Rühle	1 Stk	
		9	F245615	Mushroom-shaped button K3025 308 M8 VA	1 Stk	
		10	111918	Bushing Ø 20 x 12	1 Stk	
		11	F20130	Cylinder head screw DIN912 M 6 x 20	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		12	F248805	Thread insert Serplast TR 6H12,5	1 Stk	
		13	111939	Protection film 271,5 x 192 x 0,3	1 Stk	
		14	F25278	Threaded pin DIN551 M 8 x 20	1 Stk	
		15	F241491	Raised countersunk-head screw DIN964 M 5 x 14	4 Stk	
		16	F28030	Radial shaft seal Ø 20 x Ø 28 x 6	1 Stk	
		17	112213	Plate / sheet 33 x 85 x 1,5	1 Stk	
		18	F27370	Countersunk bolt DIN963 M 4 x 6	2 Stk	
		19	F22961	Disc spring Ø 20,6 x Ø 34,8 x 2	1 Stk	
		20	112187	Threaded pin DIN914 M 4 x 12	1 Stk	
		500	111033	Charging cable for Samsung Galaxy tablet PC	1 Stk	

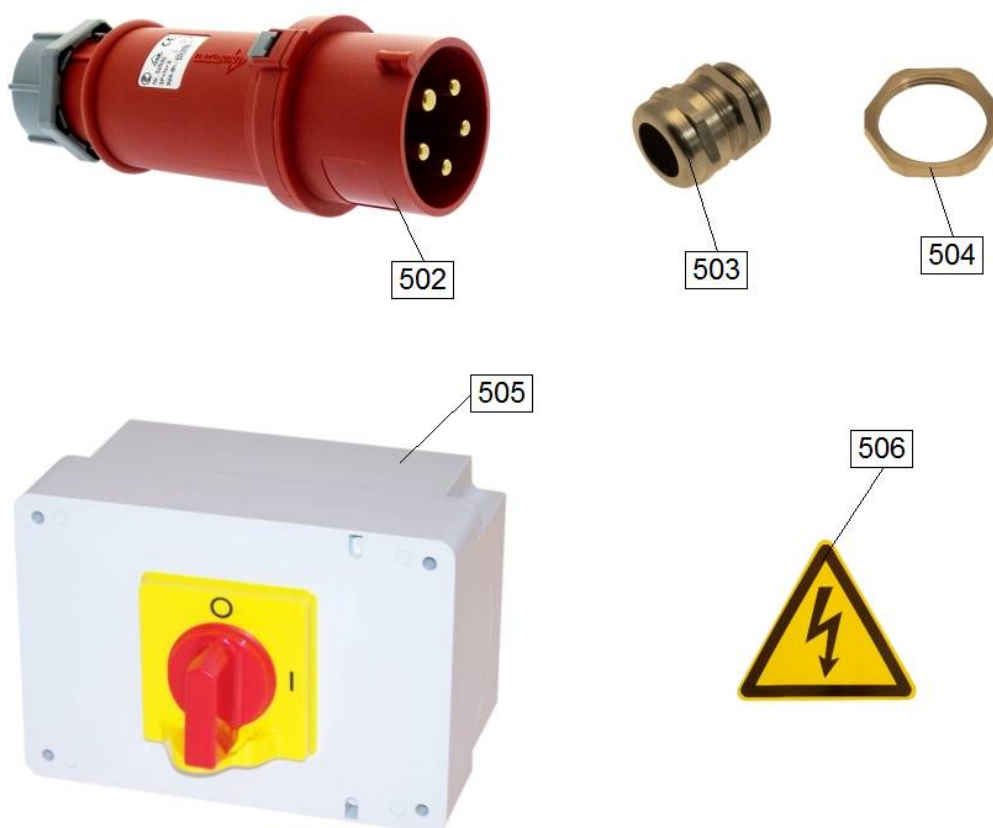
39 - Switch - 110999



39 - Switch - 110999

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	111002	Housing Ø 25 x 25	1 Stk	
		2	111001	Pin Ø 8 x 32	5 Stk	
		3	111003	Pin Ø 8 x 35,5	1 Stk	

500 - Power supply - 108247



500 - Power supply - 108247

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		502	F21593	CEE plug 32A-6h 5-pin 400V	1 Stk	
		503	106698	Cable gland M 32 x 1.5	1 Stk	
		504	F24720	Hexagonal nut M 32 x 1,5	1 Stk	
		505	108701	Main switch 63A D3 05/HS-HT5/9-BEH-MRG, BV 232	1 Stk	
		506	F10131	Sticker flash	1 Stk	

501 - Cable set - 114315

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	108794	Feed cable MGR 1500/MPR 1500	1 Stk	
		501	108795	Feed cable MGR/MPR 1500	1 Stk	
		502	112457	Cable for tumbling arm drive MGR/MPR 1500	1 Stk	
		503	114316	Cable brake rectifier lifting MPR 1500	1 Stk	
		504	114317	Cable lifting aid drive MPR 1500	1 Stk	
		505	114318	Cable brake rectifier mixing arm MPR 1500	1 Stk	
		506	114319	Cable mixing arm drive MPR 1500	1 Stk	
		507	114322	Cable cover drive MPR 1500	1 Stk	
		508	114323	Cable brake rectifier drum swivelling MPR 1500	1 Stk	
		509	114324	Cable drum swivelling MPR 1500	1 Stk	
		510	111648	Cable vacuum pump MPR 900/1500	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		511	111649	Cable cooling unit MPR 900/1500	1 Stk	
		512	114325	Cable vacuum valve MPR 1500	1 Stk	
		513	114326	Cable vent valve MPR 1500	1 Stk	
		514	114327	Cable Signal-horn MPR 1500	1 Stk	
		515	114328	Cable emergency stop switch MPR 1500	1 Stk	
		516	114329	Cable limit switch cover MPR 1500	1 Stk	
		517	114330	Cable limit switch B1 MPR 1500	1 Stk	
		518	114331	Cable for limit switch B2 MPR 1500	1 Stk	
		519	114332	Cable B10 with Cable MPR 1500	1 Stk	
		520	114333	Cable for limit switch B11 MPR 1500	1 Stk	
		521	114334	Cable for limit switch B12 MPR 1500	1 Stk	
		522	114335	Cable switch cable-breakage safety MPR 1500	1 Stk	

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		523	114336	Cable switch cable-breakage safety MPR 1500	1 Stk	
		524	111659	Cable pressure transmitter MPR 900/1500	1 Stk	
		525	111660	Cable switch Q10 MPR 400/500/900/1500	1 Stk	
		526	114046	Cable Solenoid switch B23 MGR/MPR 1500	1 Stk	
		527	114081	Cable lid monitoring MGR/MPR 1500	1 Stk	
		528	114338	Extension cable PT 100 MPR 1500	1 Stk	
		529	114343	Cabel for tumbling arm drive FC MPR 400/500/900/1500	1 Stk	
		530	114344	Ground wire MPR 400/500/900/1500	1 Stk	
		531	114345	Extension cable Router MPR 400/500/900/1500	1 Stk	
		532	114691	Extension cable tablet-pc MPR 1500	1 Stk	

500 - Feed cable - 108794

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104999	Cable H07RN-F 5G6.0	10800 mm	
		501	F28135-W	Labeling cable W	60 mm	
		502	F28135-1	Labeling cable 1	60 mm	
		503	104446	Cable end sleeve 6,0 mm² yellow	10 Stk	

501 - Feed cable - 108795

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104999	Cable H07RN-F 5G6.0	4800 mm	
		501	104446	Cable end sleeve 6,0 mm² yellow	10 Stk	
		502	F28135-W	Labeling cable W	60 mm	
		503	F28135-2	Labeling cable 2	60 mm	

502 - Cable for tumbling arm drive - 112457

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104377	Cable F-CY-JZ 4 x 2.5 mm²	10000 mm	
		501	F27734	Cable end sleeve 2,5 mm² blue	4 Stk	
		502	F27683	Crimp type socket 630/6, blue isolated	4 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-3	Labeling cable 3	40 mm	

503 - Cable brake recitfier lifiting - 114316

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F27425	Cable ÖZ-J 5 x 1.5 mm ²	5000 mm	
		501	F27324	Cable end sleeve 1,5 mm ² black	4 Stk	
		502	F28135-W	Labeling cable W	60 mm	
		503	F28135-5	Labeling cable 5	60 mm	

504 - Cable lifiting aid drive - 114317

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104377	Cable F-CY-JZ 4 x 2.5 mm²	7000 mm	
		501	F27734	Cable end sleeve 2,5 mm² blue	4 Stk	
		502	F27682	Crimp type socket 630/5, blue isolated	4 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-6	Labeling cable 6	40 mm	
		505	F27645	Shrink hose HIS - 3/8", black	30 mm	

505 - Cable brake recitfier mixing arm - 114318

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F27425	Cable ÖZ-J 5 x 1.5 mm²	8000 mm	
		501	F27324	Cable end sleeve 1,5 mm² black	9 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-7	Labeling cable 7	40 mm	

506 - Cable mixing arm drive - 114319

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F27759	Cable ÖCYZ-J 4x1.5 mm²	10000 mm	
		501	F27324	Cable end sleeve 1,5 mm² black	4 Stk	
		502	F27686	Crimp type socket 620/4, red isolated	3 Stk	
		503	F27687	Crimp type socket 620/5, red isolated	1 Stk	
		504	F28135-W	Labeling cable W	40 mm	
		505	F28135-8	Labeling cable 8	40 mm	

507 - Cable cover drive - 114322

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F25303	Cable ÖZ-J 7x1.0 mm²	9000 mm	
		501	F27357	Cable end sleeve 1,0 mm² red	6 Stk	
		502	F28135-W	Labeling cable W	60 mm	
		503	F28135-9	Labeling cable 9	60 mm	

508 - Cable brake recitfier drum swivelling - 114323

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23523	Cable ÖZ-0 2 x 1.0 mm²	3000 mm	
		501	F27357	Cable end sleeve 1,0 mm² red	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-1	Labeling cable 1	40 mm	
		504	F28135-0	Labeling cable 0	40 mm	

509 - Cable drum swivelling - 114324

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F20698	Cable ÖZ-J 4 x 1.5 mm ²	3000 mm	
		501	F27324	Cable end sleeve 1,5 mm ² black	4 Stk	
		502	F27686	Crimp type socket 620/4, red isolated	3 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-1	Labeling cable 1	40 mm	
		506	F27687	Crimp type socket 620/5, red isolated	1 Stk	

510 - Cable vacuum pump - 111648

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F20698	Cable ÖZ-J 4 x 1.5 mm²	4000 mm	
		501	F27324	Cable end sleeve 1,5 mm² black	4 Stk	
		502	F27686	Crimp type socket 620/4, red isolated	3 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-2	Labeling cable 2	40 mm	
		506	F27687	Crimp type socket 620/5, red isolated	1 Stk	

511 - Cable cooling unit - 111649

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23730	Cable ÖZ-J 7 x 1.5 mm ²	3500 mm	
		501	F27324	Cable end sleeve 1,5 mm ² black	6 Stk	
		502	F20704	Flat-type female terminal 720V fully insulated, red	6 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-3	Labeling cable 3	40 mm	

512 - Cable vacuum valve - 114325

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23343	Cable ÖZ-J 3 x 1.0 mm ²	3500 mm	
		501	F27357	Cable end sleeve 1,0 mm ² red	3 Stk	
		502	F20710	Cable end sleeve 1,0 mm ² naked	3 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-4	Labeling cable 4	40 mm	

513 - Cable vent valve - 114326

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23343	Cable ÖZ-J 3 x 1.0 mm ²	4000 mm	
		501	F27357	Cable end sleeve 1,0 mm ² red	3 Stk	
		502	F20710	Cable end sleeve 1,0 mm ² naked	3 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-5	Labeling cable 5	40 mm	

514 - Cable Signal-horn - 114327

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23523	Cable ÖZ-O 2 x 1.0 mm ²	2800 mm	
		501	F27357	Cable end sleeve 1,0 mm ² red	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-1	Labeling cable 1	40 mm	
		504	F28135-6	Labeling cable 6	40 mm	
		505	F144452	Squash connector FTS-1 red isolated	2 Stk	
		506	108095	Horn PSW.66024-107M.P	1 Stk	

515 - Cable emergency stop switch - 114328

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ÖZ-O 4x0.75 mm ²	6500 mm	
		501	F20709	Cable end sleeve 0,75 mm ² grey	4 Stk	
		502	F20708	Cable end sleeve 0,75 mm ² naked	4 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	
		505	F28135-7	Labeling cable 7	40 mm	
		506	F23889	Shrink hose HIS - 3/4", black	100 mm	

516 - Cable limit switch cover - 114329

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28102	Cable ÖZ-J 10x0.5 mm ²	9000 mm	
		501	F27358	Cable end sleeve 0,5 mm ² white	10 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-1	Labeling cable 1	40 mm	
		504	F28135-8	Labeling cable 8	40 mm	

517 - Cable limit switch B1 - 114330

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ØZ-O 4x0.75 mm²	3500 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	8 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-1	Labeling cable 1	40 mm	
		504	F28135-9	Labeling cable 9	40 mm	
		505	F20932	Limit switch 188-A2Z right	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	

518 - Cable for limit switch B2 - 114331

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ÖZ-O 4x0.75 mm ²	3500 mm	
		501	F20709	Cable end sleeve 0,75 mm ² grey	8 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-0	Labeling cable 0	40 mm	
		505	F22285	Limit switch 188-A2Z left	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	

519 - Cable B10 with Cable - 114332

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F27081	Proximity switch KIN-M12PS/004 KL6	1 Stk	
		501	F27789	Cable end sleeve 0,25 mm² yellow	3 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-1	Labeling cable 1	40 mm	

520 - Cable for limit switch B11 - 114333

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ØZ-O 4x0.75 mm²	5600 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-2	Labeling cable 2	40 mm	
		505	F20932	Limit switch 188-A2Z right	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	
		507	F20708	Cable end sleeve 0,75 mm² naked	4 Stk	

521 - Cable for limit switch B12 - 114334

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ØZ-O 4x0.75 mm²	5600 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-3	Labeling cable 3	40 mm	
		505	F22285	Limit switch 188-A2Z left	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	
		507	F20708	Cable end sleeve 0,75 mm² naked	4 Stk	

522 - Cable switch cable-breakage safety - 114335

		Position No.	Part No.	Designation	Quantity	
		1	F240665	Plate / sheet 93 x 20 x 10 x 2	1 Stk	
		2	F240666	Plate / sheet 80 x 40 x 3	1 Stk	
		3	F240977	Cylinder head screw DIN84 M 5 x 35	4 Stk	
		500	F28791	Cable ÖZ-O 4x0.75 mm²	4100 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-4	Labeling cable 4	40 mm	
		505	106002	Switch cable-breakage safety ENK-SU1Z AHS 180GR VS	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	
		507	F20708	Cable end sleeve 0,75 mm² naked	4 Stk	

523 - Cable switch cable-breakage safety - 114336

		Position No.	Part No.	Designation	Quantity	
		1	F240665	Plate / sheet 93 x 20 x 10 x 2	1 Stk	
		2	F240666	Plate / sheet 80 x 40 x 3	1 Stk	
		3	F240977	Cylinder head screw DIN84 M 5 x 35	4 Stk	
		500	F28791	Cable ÖZ-O 4x0.75 mm²	4100 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	4 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-5	Labeling cable 5	40 mm	
		505	106002	Switch cable-breakage safety ENK-SU1Z AHS 180GR VS	1 Stk	
		506	F29058	Cable gland M 20 x 1.5	1 Stk	
		507	F20708	Cable end sleeve 0,75 mm² naked	4 Stk	

524 - Cable pressure transmitter - 111659

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104173	Cable ÖLFLEX Classic-115CY 3G0.5mm ²	4000 mm	
		501	F27358	Cable end sleeve 0,5 mm ² white	3 Stk	
		502	F28754	Cable end sleeve 0,5 -1,0 mm ² naked	3 Stk	
		503	F28135-W	Labeling cable W	40 mm	
		504	F28135-2	Labeling cable 2	40 mm	
		505	F28135-6	Labeling cable 6	40 mm	
		506	F23309	Valve connector M20, configuration A	1 Stk	
		507	F20714	Shrink hose HIS - 1/4", black	60 mm	

525 - Cable switch Q10 - 111660

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F25303	Cable ÖZ-J 7x1.0 mm²	5000 mm	
		501	F27357	Cable end sleeve 1,0 mm² red	14 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-2	Labeling cable 2	40 mm	
		504	F28135-8	Labeling cable 8	40 mm	

526 - CableSolenoid switch B23 - 114046

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	111944	Magnet switch set, encoded SMA 0313	1 Stk	
		501	F28135-W	Labeling cable W	40 mm	
		502	F28135-5	Labeling cable 5	40 mm	
		503	F28135-3	Labeling cable 3	40 mm	
		504	F27789	Cable end sleeve 0,25 mm² yellow	4 Stk	

527 - Cable lid monitoring - 114081

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F28791	Cable ØZ-O 4x0.75 mm²	8000 mm	
		501	F20709	Cable end sleeve 0,75 mm² grey	8 Stk	
		502	F28135-W	Labeling cable W	40 mm	
		503	F28135-5	Labeling cable 5	40 mm	
		504	F28135-4	Labeling cable 4	40 mm	
		505	F144452	Squash connector FTS-1 red isolated	4 Stk	
		506	F27645	Shrink hose HIS - 3/8", black	170 mm	

528 - Extension cable PT 100 - 114338

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F23523	Cable ÖZ-0 2 x 1.0 mm ²	3000 mm	
		501	F27357	Cable end sleeve 1,0 mm ² red	2 Stk	
		502	F144452	Squash connector FTS-1 red isolated	2 Stk	
		503	F27645	Shrink hose HIS - 3/8", black	150 mm	
		504	F28135-W	Labeling cable W	40 mm	
		505	F28135-2	Labeling cable 2	40 mm	
		506	F28135-7	Labeling cable 7	40 mm	

529 - Cabel for tumbling arm drive FC - 114343

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	104377	Cable F-CY-JZ 4 x 2.5 mm²	750 mm	
		501	F27734	Cable end sleeve 2,5 mm² blue	6 Stk	
		502	F27683	Crimp type socket 630/6, blue isolated	1 Stk	
		503	F21363	Crimp type socket 630/4, blue isolated	1 Stk	
		504	F27645	Shrink hose HIS - 3/8", black	40 mm	
		505	F28135-W	Labeling cable W	60 mm	
		506	F28135-3	Labeling cable 3	60 mm	
		507	F28135-3	Labeling cable 3	60 mm	

530 - Ground wire - 114344

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	105018	Litz 6 mm ² H07V-K 6 mm ² GN/YE	1200 mm	
		501	F27684	Crimp type socket 650/6, yellow isolated	2 Stk	

531 - Extension cable Router - 114345

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F20694	Cable ÖZ-0 2 x 0.5 mm ²	1200 mm	
		501	F27358	Cable end sleeve 0,5 mm ² white	2 Stk	
		502	F144452	Squash connector FTS-1 red isolated	2 Stk	
		503	F27645	Shrink hose HIS - 3/8", black	150 mm	
		504	F28135-3	Labeling cable 3	40 mm	
		505	F28135-1	Labeling cable 1	40 mm	

532 - Extension cable tablet-pc - 114691

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F20694	Cable ÖZ-0 2 x 0.5 mm ²	3000 mm	
		501	F27358	Cable end sleeve 0,5 mm ² white	2 Stk	
		502	F144452	Squash connector FTS-1 red isolated	2 Stk	
		503	F27645	Shrink hose HIS - 3/8", black	150 mm	
		504	F28135-3	Labeling cable 3	40 mm	
		505	F28135-2	Labeling cable 2	40 mm	

502 - Additional materials - 114337



502 - Additional materials - 114337

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		1	112370	Cylinder head screw DIN912 M 4 x 10	4 Stk	
		2	114308	Bracket 370 x 68 x 25 x 2,5	1 Stk	
		500	105013	Fuse 10 AT 6,3 x 32 mm	9 Stk	
		501	F27064	Fuse 3.15 AT 5,0 x 20 mm	4 Stk	
		502	F28281	Fuse 20 AT 6,3 x 32 mm	3 Stk	
		503	F28198	Fuse 16 AT 6,3 x 32 mm	3 Stk	
		505	111023	Cam switch CA10B D-89X4*01 KD1F	1 Stk	
		506	107083	Push button - emergency stop CE4T-10R-02	1 Stk	
		507	F251206	Sticker: Emergency Stop EMERGENCY STOP NOT-AUS	1 Stk	
		508	113240	WLAN-Router VPN-Router MX200	1 Stk	
		509	113834	Programmed Galaxy TabPRO 10,1" / 25,54 cm	1 Stk	

		Position No.	Part No.	Designation	Quantity	
		510	112186	Network cable / Patch cable RJ45 plug on both sides	1 Stk	
		511	110162	Brake resistor FR-ABR-H5.5K	1 Stk	
		512	110893	Warning light Warning hot surface	1 Stk	
		513	110583	Programmed FC FR-D740-120 SC-EC	1 Stk	
		514	110586	Programmed FC FR-D740-050 SC-EC	1 Stk	
		517	111943	Emergency stop safety relay SNO 4083KM-A	1 Stk	
		518	114688	Multi-wire cable set MPR 1500, from series no. 400	1 Stk	

518 - Multi-wire cable set - 114688

		<i>Position No.</i>	<i>Part No.</i>	<i>Designation</i>	<i>Quantity</i>	
		500	F27327	Litz 1.0mm ² H05V-K 1,0 mm ² DBU	2190 mm	
		501	112766	Litz 0,5 mm ² H05V-K 0,5 mm ² OG	6010 mm	
		503	F27356	Litz 1.0mm ² H05V-K 1,0 mm ² BUWH	920 mm	
		504	F27357	Cable end sleeve 1,0 mm ² red	8 Stk	
		505	F27358	Cable end sleeve 0,5 mm ² white	12 Stk	
		506	F20312	Twin cable end sleeve 2 x 0.5 mm ² with	1 Stk	