



RS 18/22

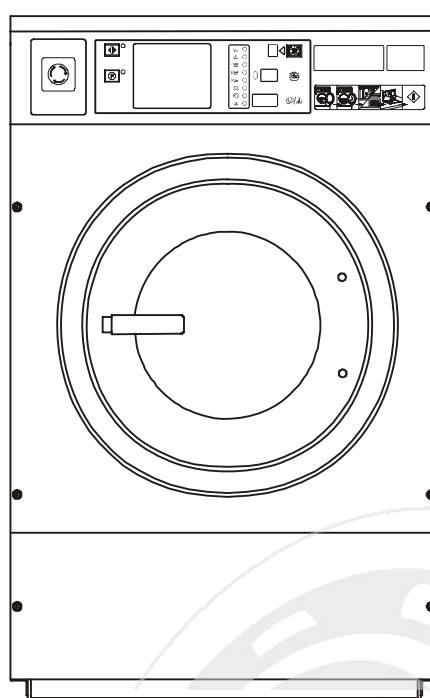
SPARE PARTS MANUAL

PUBLICATION DATE: 21 Jun 2007

523508

RIGID MOUNTED WASHER EXTRACTORS

RS 18/22



523512

info@zipnasklade.ru

8(800)500-69-51

SPARE PARTS MANUAL

CATALOGUE DES ACCESSORIES

ERSATZTEIL-KATALOG

CATÁLOGO DE PIEZAS DE REPUES



info@zipnasklade.ru
8(800)500-69-51

PREFACE

Original or identical parts must be used for replacement in the machine.

After servicing replace secure all panels in original way and keep this manual in a secured place for future reference.

When calling or writing about your machine, be sure to mention type, model and serial number. Model, type and serial number are located on name plate on rear panel of the machine. The manufacturer reserves himself the right to change the specifications of manual at any time, without previous notice. The data and presentation are given only for information.

Please note that it regards only general information, since it is impossible to give in the manual the complete survey of all specific details on all the machines included in our line.

The spare parts manual is for machines with capacity:

18 kg / 40 lb as from serial number 18R000001LJ,

22 kg / 50 lb as from serial number 22R003482LJ,

Machine design:

- with coinmeter, marked (COIN), or without coinmeter
- OPL - the version controlled by push-buttons without coinmeter, marked (OPL)
- heating: electrical, steam

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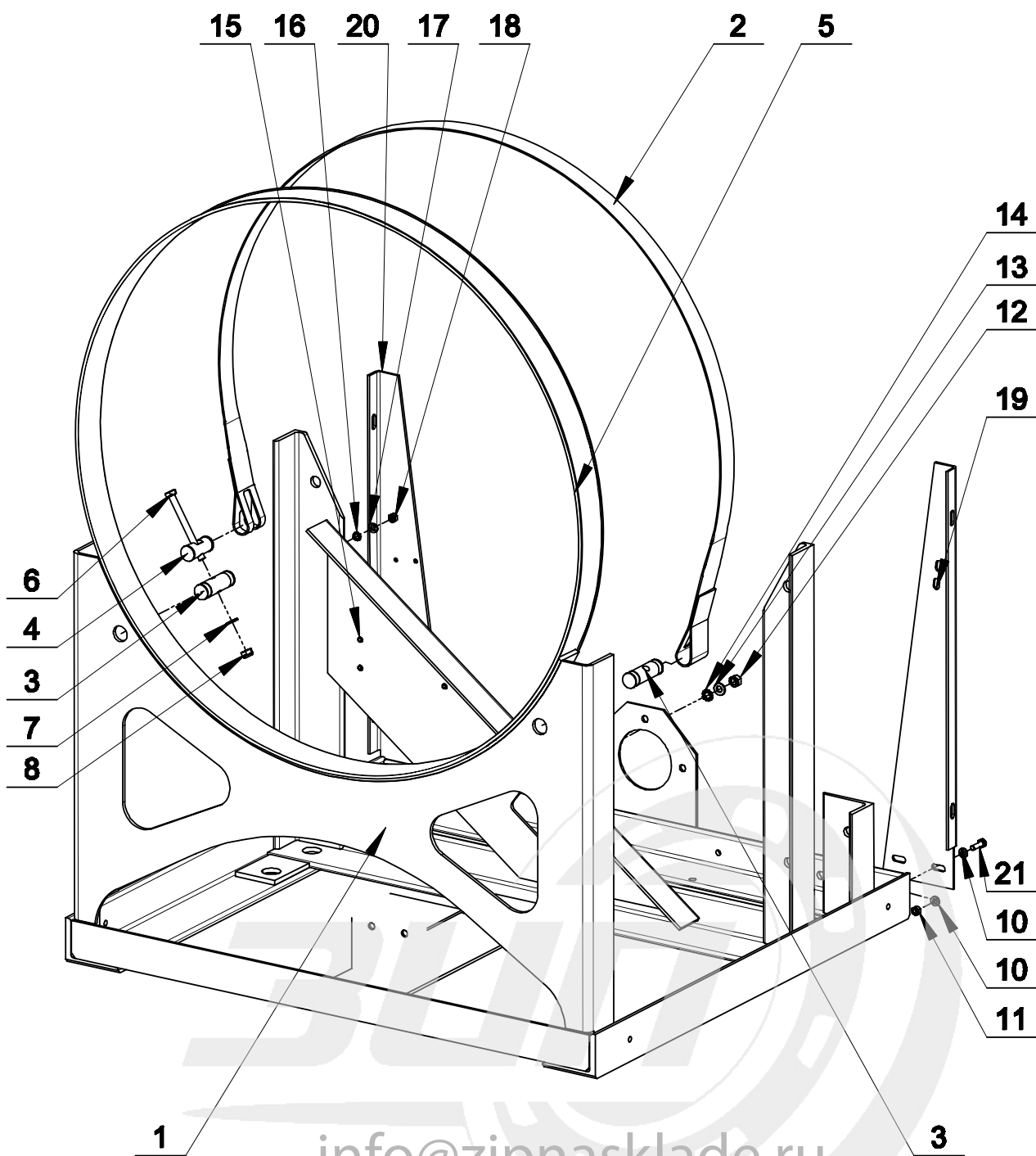
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Spare parts manual

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Spare parts manual

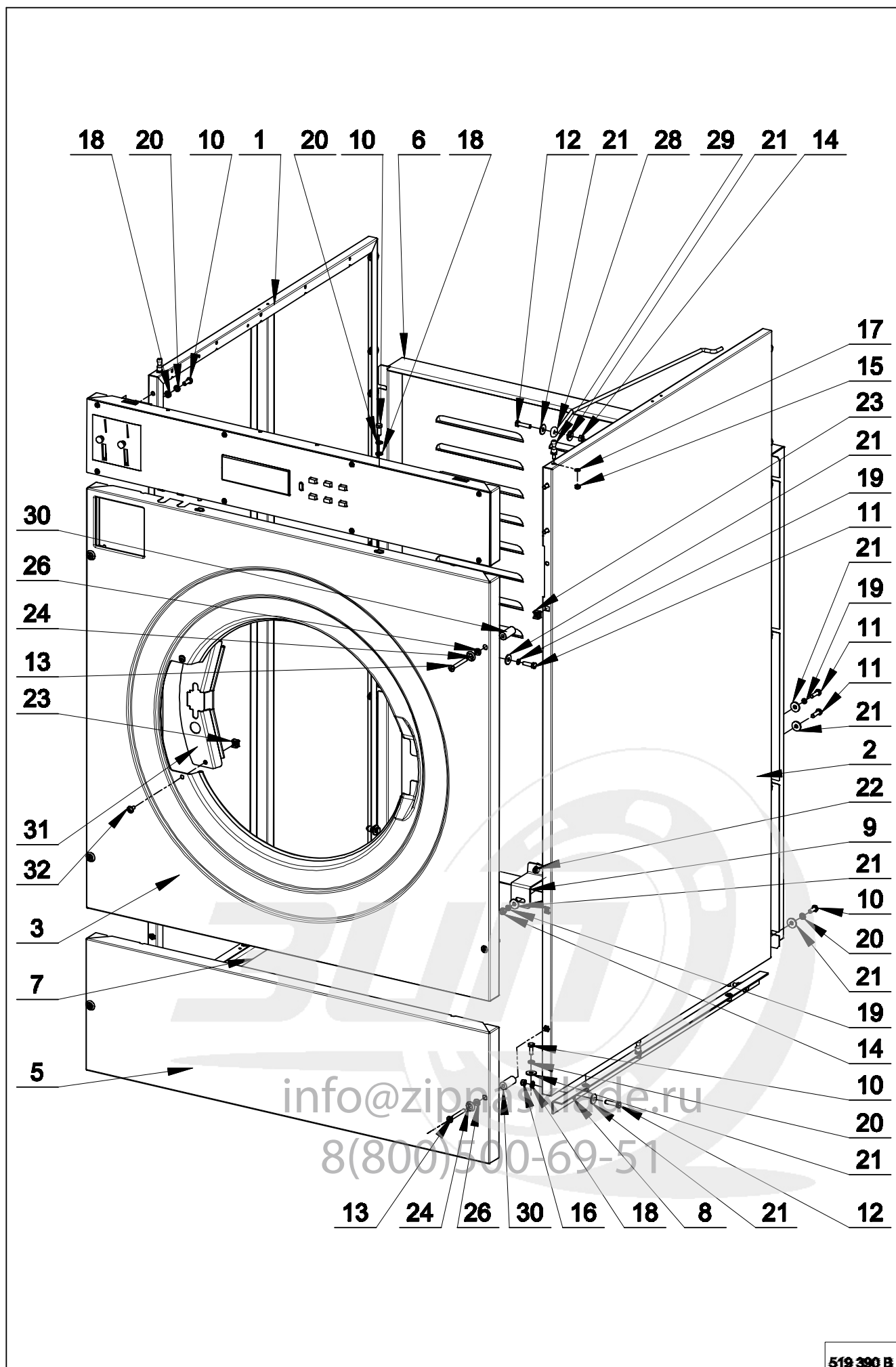
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Frame: drawing nr. 519329A

1	527001	Frame welded 18kg / 40lb			
1	527002	Frame welded 22kg / 50lb			
2	526129	Flange			
3	510665	Roller			
4	514983	Roller 2			
5	514951	Shock absorption belt			
6	527093	Bolt M8x100			
7	311125000008	Washer 8,4			
8	310985000008	Nut M8			
10	311125000006	Washer 6,4			
11	310934000006	Nut M6			
12	310934240008	Nut M8			
13	311125240008	Washer 8,4			
14	311679824008	Lock washer external teeth M8			
15	313251002104	Riveting blind nut M4			
16	311679824006	Lock washer external teeth M6			
17	311125240006	Washer 6,4			
18	310934240006	Nut M6			
19	519265	Right reinforcement of cabinet			
20	519266	Left reinforcement of cabinet			
21	309933000620	Bolt M6x20			



Cabinet: drawing nr. 519390B

1	519274	Left side panel complete, 18kg / 40lb			
1	519280	Left side panel complete, 22kg / 50lb			
2	519275	Right side panel complete, 18kg / 40lb			
2	519281	Right side panel complete, 22kg / 50lb			
3	526206	Front panel complete (coin) - stainless steel			
3	526207	Front panel complete (coin) - white			
3	526208	Front panel complete (coin) - yellow			
3	526209	Front panel complete (coin) - orange			
3	526210	Front panel complete (coin) - blue			
3	522182	Front panel complete (OPL) - stainless steel			
3	522192	Front panel complete (OPL) - white			
3	522193	Front panel complete (OPL) - yellow			
3	522194	Front panel complete (OPL) - orange			
3	522195	Front panel complete (OPL) - blue			
5	R16100010312	Service panel - stainless steel			
5	526111	Service panel - white			
5	526112	Service panel - yellow			
5	526113	Service panel - orange			
5	526114	Service panel - blue			
6	517457	Rear cover			
6	517572	Rear cover for steam heating			
7	519278	Left support complete, 18kg / 40lb			
7	519285	Left support complete, 22kg / 50lb			
8	519279	Right support complete, 18kg / 40lb			
8	519286	Right support complete, 22kg / 50lb			
9	517458	Rear cover holder			
10	309933000616	Bolt M6x16			
11	309933000620	Bolt M6x20			
12	309933000625	Bolt M6x25			
13	309966240650	Bolt M6x50			
14	310934000006	Nut M6			
15	310985000005	Nut M5			
16	310985000006	Nut M6			
17	311125000005	Washer 5			
18	311125000006	Washer 6,4			
19	311127000006	Washer 6			
20	311679800006	Lock washer external teeth M6			
21	311902100006	Washer 6			
22	313251000006	Nut M6			
24	PRI247000001	Washer M6			
26	PRI521003001	Washer 12x6x2			
28	PRI610000078	Draw bar			
29	PRI611000023	Srv pin			
30	R07114002414	Distance tube			
31	526185	Cover of door lock complete - stainless steel			
31	521787	Cover of door lock complete - white			
31	521788	Cover of door lock complete - yellow			
31	521789	Cover of door lock complete - orange			
31	521790	Cover of door lock complete - blue			
32	503572	Bolt M5x12			
	RM4700001429	Door lock wiring, (not shown)			
	524645	Main wiring, (not shown)			

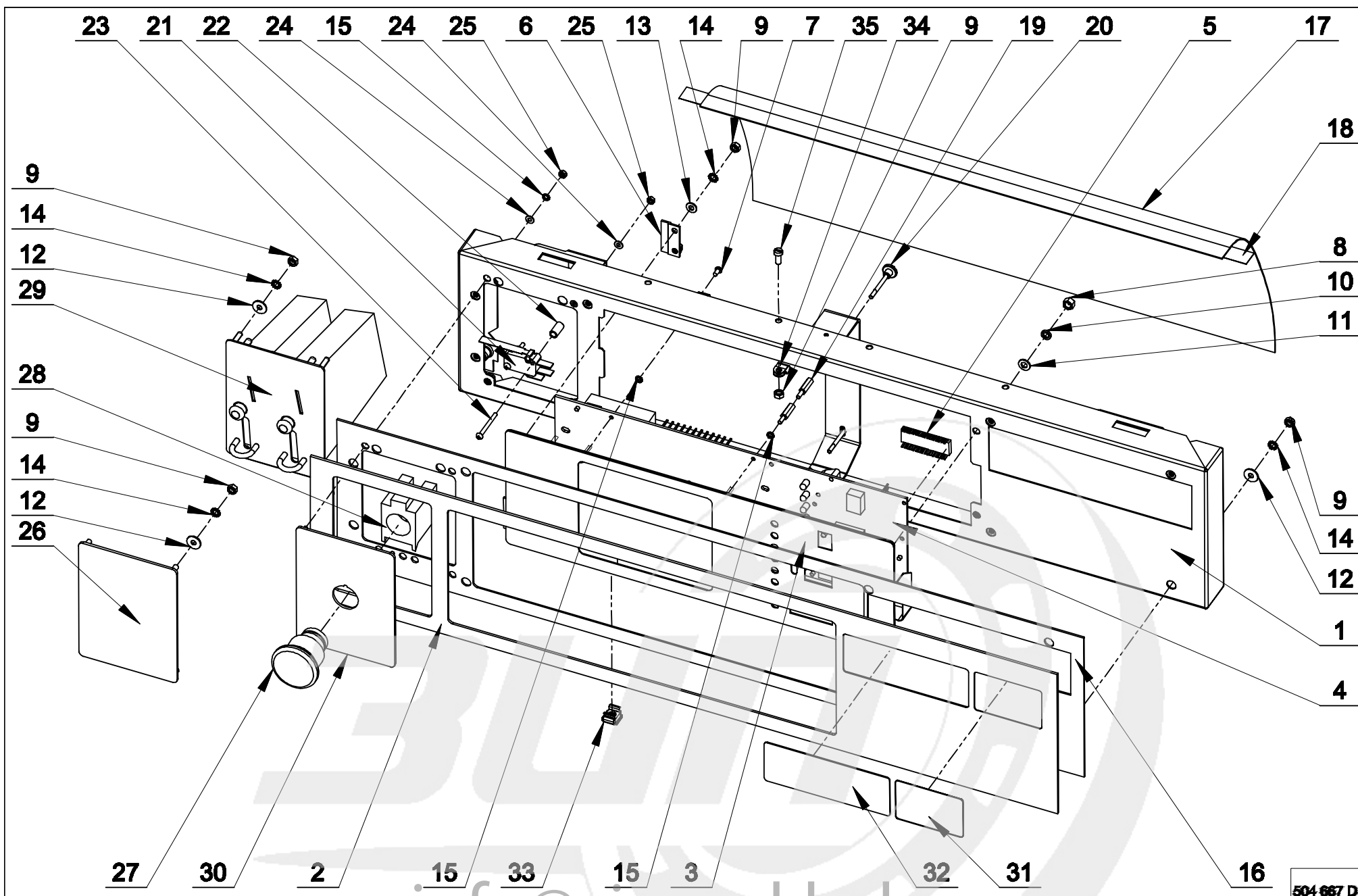


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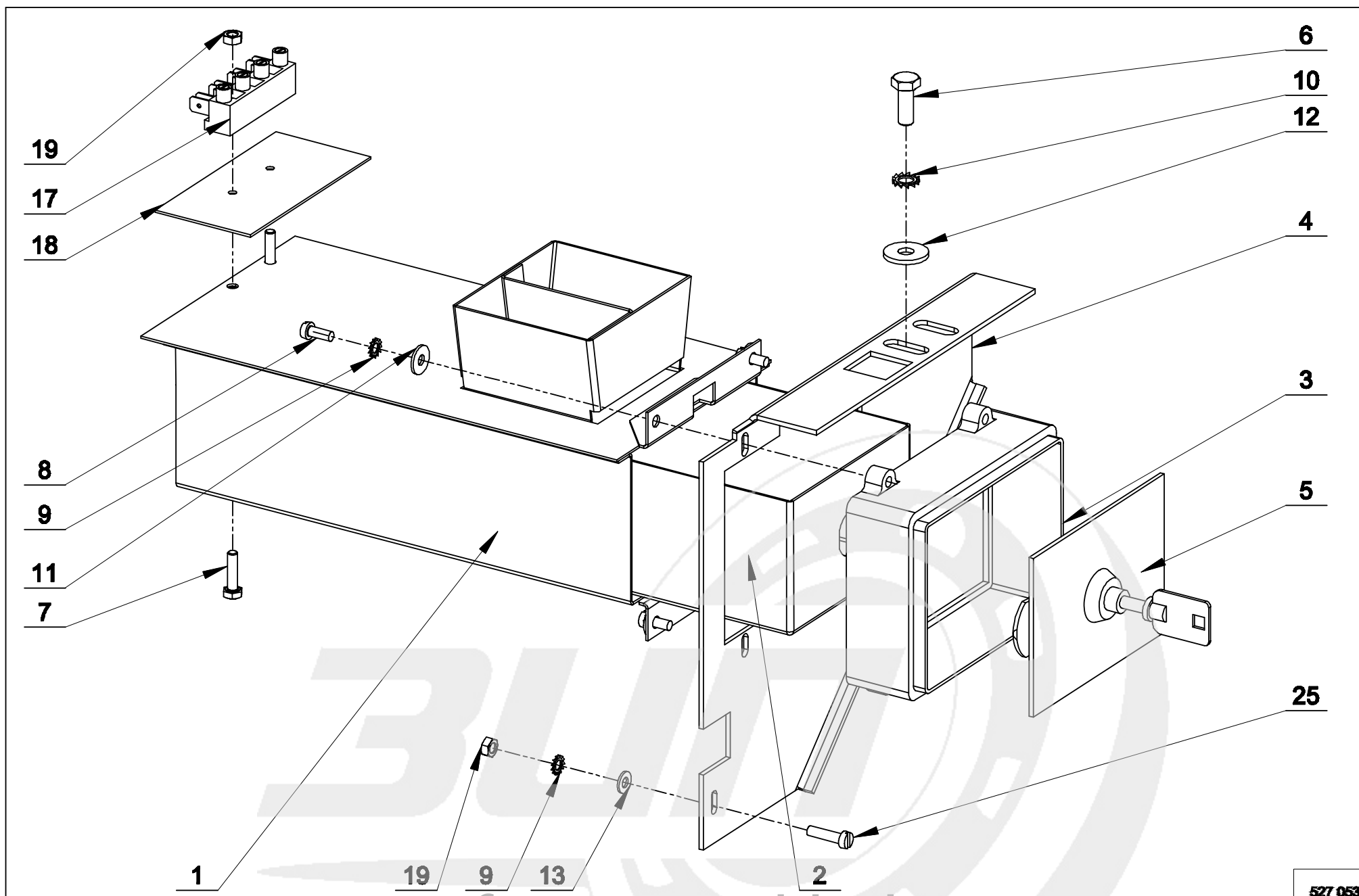
Cabinet: drawing nr. 519390B

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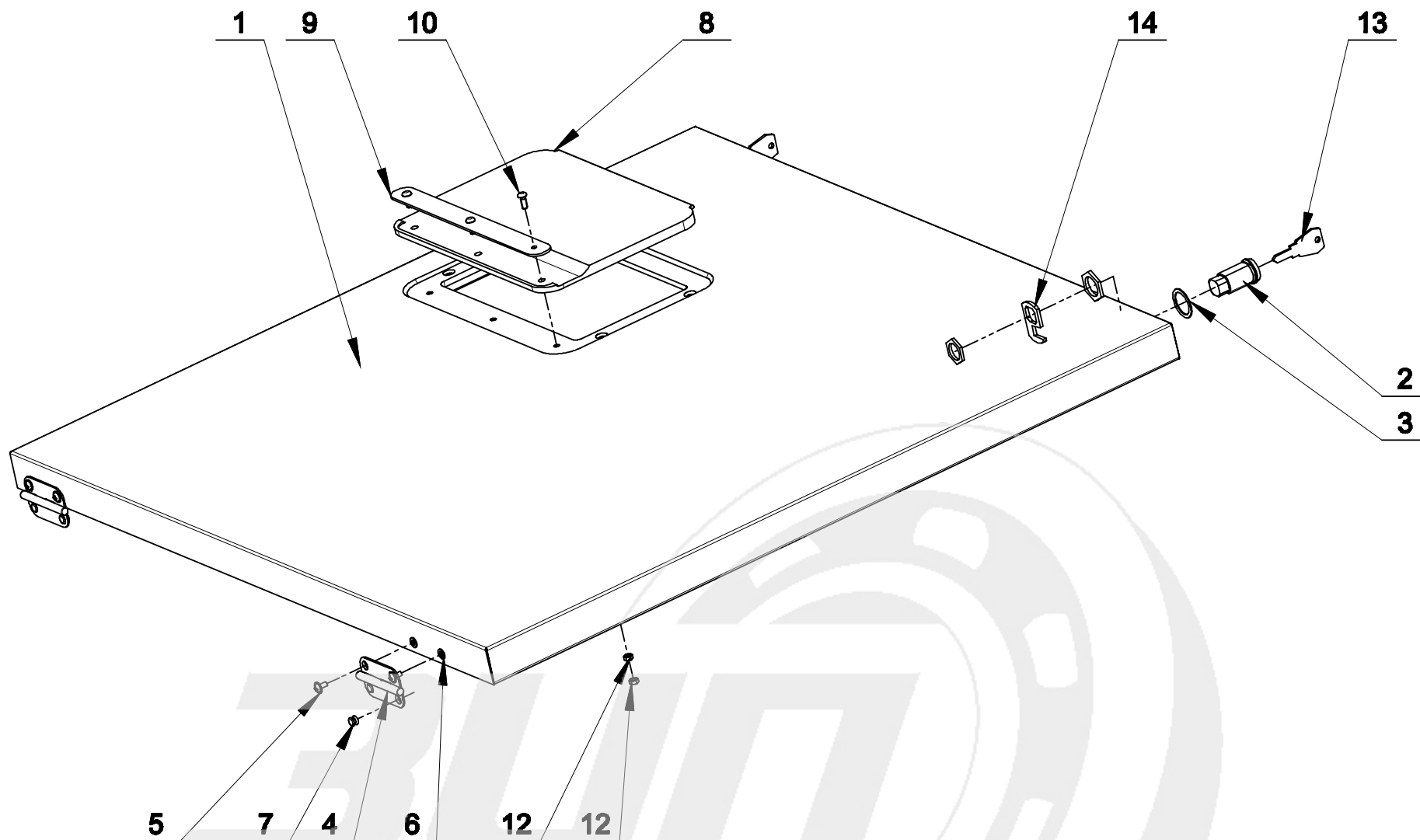
Control panel MCB EC, MCB FC: drawing nr. 504667D

1	504893	Control panel MCB			
2	500152	Facia panel grey			
3	PRI348000123	Keyboard grey MCB EC			
3	100521	Keyboard grey MCB FC			
3	101490	Keyboard MCB EC grey vandal proof			
4	516694	Timer MCB EC			
4	516696	Timer MCB FC			
4	516884	Timer MCB EC, (for vandalism free keyboard)			
5	526001	Memory			
6	PRI185000228	Z-profil keyboard			
7	309798500306	Bolt M3x6			
8	310934000005	Nut M5			
9	310934000004	Nut M4			
10	311127000005	Washer M5			
11	311125000005	Washer M5			
12	311902100004	Washer M4			
13	311125000004	Washer M4			
14	311679800004	Lock washer external teeth M4			
15	311679800003	Washer M3			
16	514834	Control panel label, (for vandalism free keyboard)			
17	PRI543000004	Plastic cover			
18	510846	Adhesive tape reversible			
19	101040	Spacer M3x15			
20	101041	Knurled thumb screw with collar M3x30			
21	PRI610011077	Microswitch			
22	503168	Round plastic spacer			
23	503170	Bolt M3x30			
24	311125000003	Washer M3			
25	310934000003	Nut M3			
26	101266	Logo label (grey)			
27	102259	Emergency stop button			
28	102260	Contact block			
29		Coinmeter, (according to the order)			
30	521701	Label OPL (grey)			
31	519394	Label 18 kg grey			
31	PRI549014001	Label 22 kg grey			
32	PRI549017001	Name plate grey			
33	PRI229000004	Square nut in cage M6, (applicable for coinmeter)			
		Wash programmes label, (according to language, not shown)			



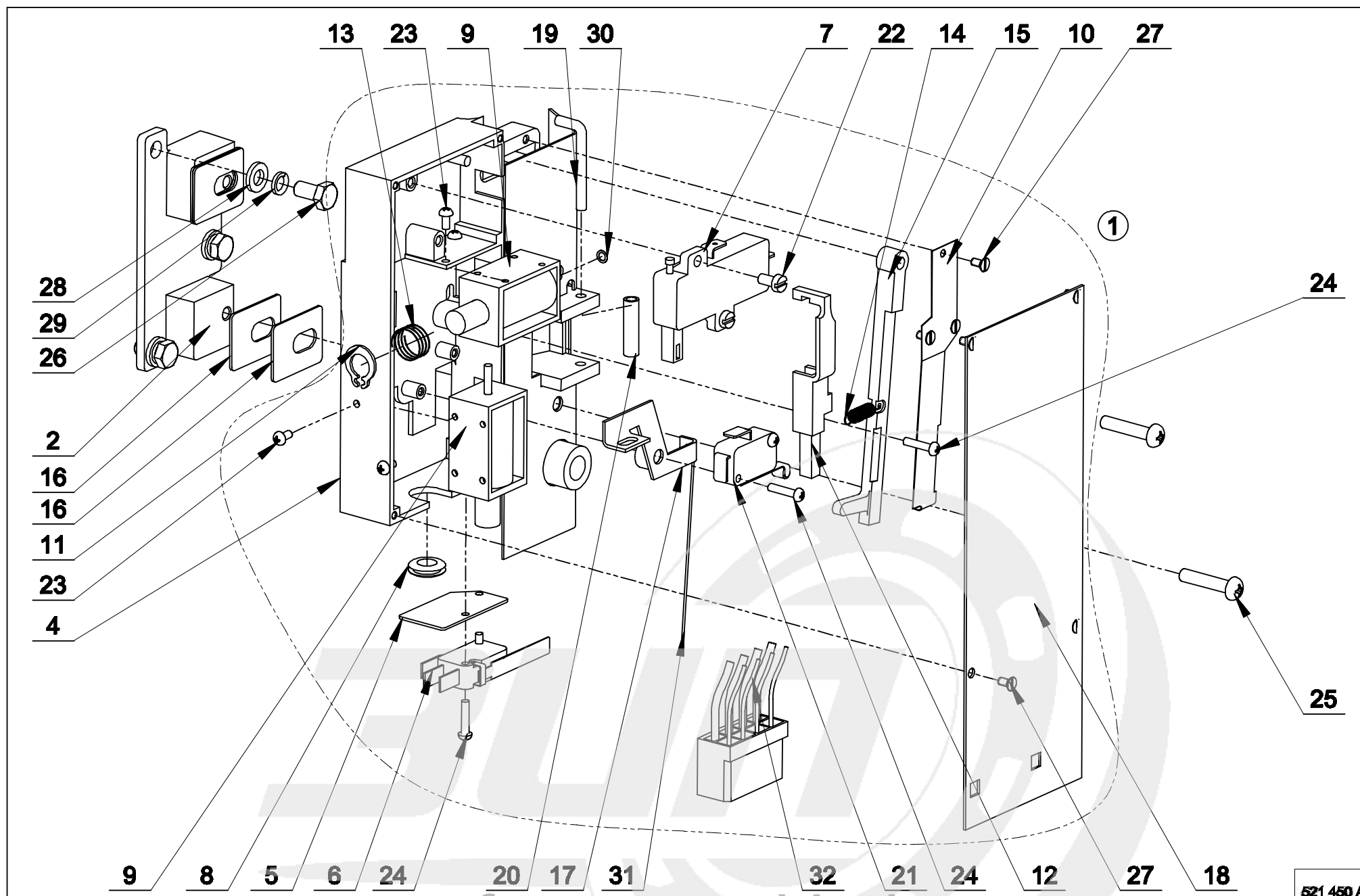
Coinmeter: drawing nr. 527053

1	509850	Coin vault			
2	321848140028	Plastic coin box			
3	501514	Coin vault frame			
4	M07114002713	Coin vault holder			
5	R07A18100014	Coin vault cover			
6	309933000616	Bolt M6x16			
7	309933000416	Bolt M4x16			
8	309084000410	Bolt M4x10			
9	311679800004	Lock washer external teeth M4			
10	311679800006	Lock washer external teeth M6			
11	311902100004	Washer M4			
12	311902100006	Washer M6			
13	311125000004	Washer M4			
17	PRI350000007	Terminal board			
18	PRI350012007	Isolation paper			
19	310934000004	Nut M4			
25	PRI211000033 520033	Bolt M4x12 without groove Emergency stop interconnection (not shown)			



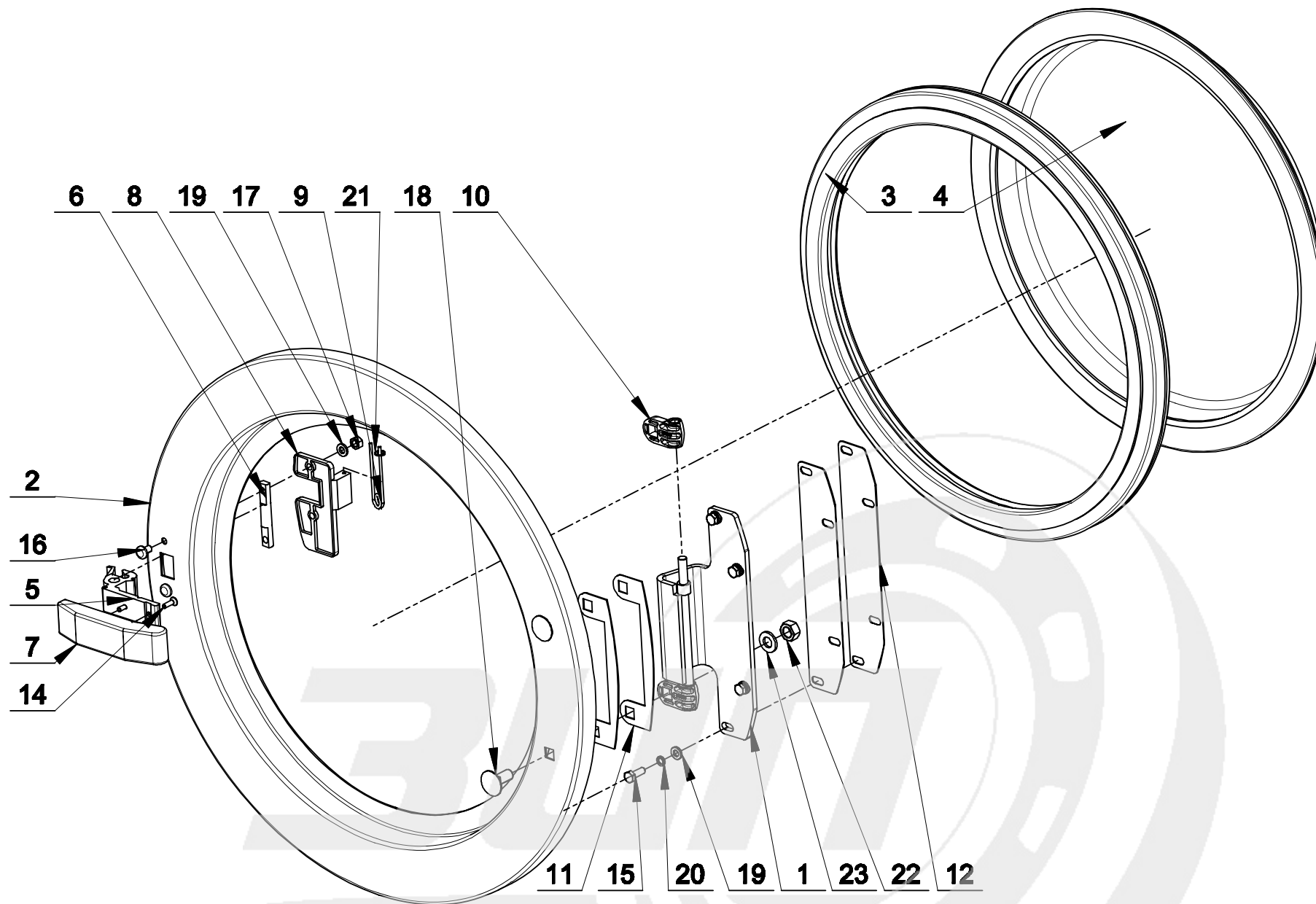
Top cover: drawing nr. 520787B

1	519320	Top cover - stainless steel, 18kg / 40lb			
1	522184	Top cover - white, 18kg / 40lb			
1	522186	Top cover - yellow, 18kg / 40lb			
1	522188	Top cover - orange, 18kg / 40lb			
1	522190	Top cover - blue, 18kg / 40lb			
1	519321	Top cover - stainless steel, 22kg / 50lb			
1	522185	Top cover - white, 22kg / 50lb			
1	522187	Top cover - yellow, 22kg / 50lb			
1	522189	Top cover - orange, 22kg / 50lb			
1	522191	Top cover - blue, 22kg / 50lb			
2	PRI610000007	Short lock			
3	PRI522000012	Washer 21x27x1			
4	516832	Hinge			
5	521957	Bolt M4x12			
6	313251002104	Rivet nut M4			
7	313250004063	Rivet 4x6,3			
8	PRI505038027	Rubber cover soap hopper			
9	F01121000214	Lath			
10	PRI211000033	Bolt M4x12			
12	310934240004	Nut M4			
13	PRI610003923	Doorlock key			
14	PRI610002007	Hook lock short			



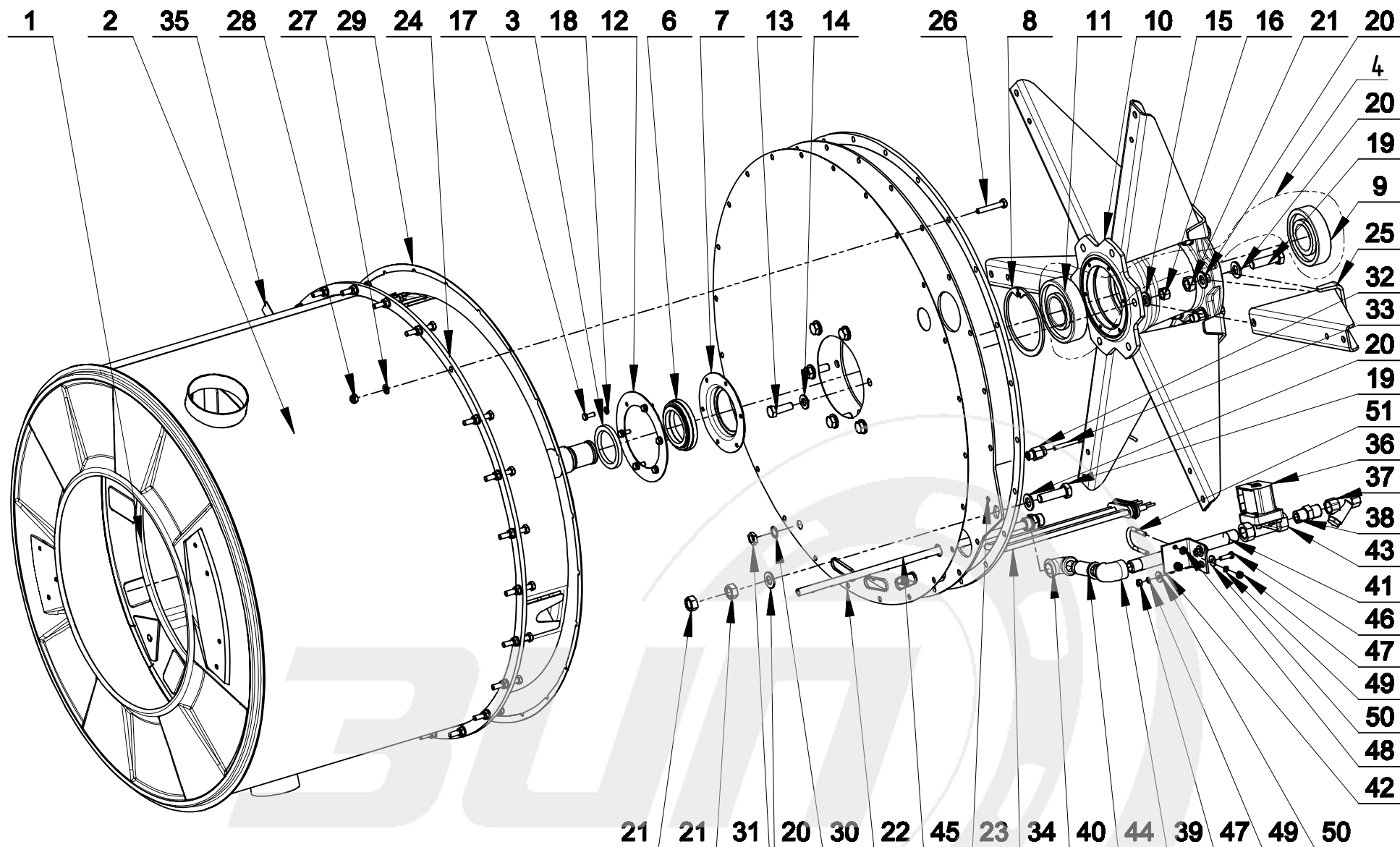
Door lock: drawing nr. 521450A

1	PRI610060077	Door lock complete			
2	PRI610000086	Lock intermediate part			
4	PRI610000132	Door lock			
5	101154	Isolation washer			
6	PRI610011077	Microswitch			
7	PRI346000003	Bimetal			
8	273121008002	Rubber protection			
9	PRI610012077	Coil			
10	PRI611000047	Leaf spring			
11	PRI242000013	Retaining ring			
12	PRI610000087	Small lock hook			
13	PRI611000050	Spring coil			
14	PRI611000048	Spring			
15	PRI610000134	Locking handle part			
16	PRI610001122	Fixed side shim			
17	PRI610000135	Emergency opening lever			
18	M07124000114	Protection plate, stainless steel			
19	PRI610000090	Lock spindle			
20	PRI610000091	Lock tube			
21	PRI610032077	Microswitch			
22	309084000408	Bolt M4x8			
23	309798500306	Bolt M3x6			
24	309798500314	Bolt M3x14			
25	309798524525	Bolt M5x25			
26	309933240612	Bolt M6x12			
27	309963240306	Bolt M3x6			
28	311125240006	Washer M6			
29	311127240006	Washer M6			
30	PRI230000007	Washer 5,1x3,3x0,1			
31	PRI723000004	Emergency opening cord			
32	RM4710001428	Doorlock wiring			
	245704003021	Glue for sticking the bolt, (not shown)			
	PRI704000050	Glue, (not shown)			
	PRI704000022	Glue for sticking the bolt - pos. 26, (not shown)			



Door: drawing nr. 519389E

1	526230	Door hinge			
2	526194	Door frame - modification 2			
3	223107001214	Seal of door glass			
4	223107001314	Door glass			
5	100219	Handle lever			
6	PRI610000089	Handle shaft			
7	PRI610011085	Handle			
8	PRI610000082	Handle holder			
9	PRI611000045	Handle spring			
10	526182	Hinge block			
11	526197	Hinge block shim			
12	517568	Shim			
14	100305	Bolt M4x12			
15	309933240616	Bolt M6x16			
16	PRI212000032	Bolt M6x20			
17	310934240006	Nut M6			
18	526193	Bolt M10x25			
19	311125240006	Washer 6,4			
20	311127240006	Washer 6			
21	PRI247010013	Securing washer			
22	310934240010	Nut M10			
23	526196	Washer 10,5			
	245704003021	Glue for sticking the bolts - pos. 16, 18, (not shown)			
	PRI704000022	Glue for sticking the bolt - pos. 15, (not shown)			



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Tub and drum: drawing nr. 522071A

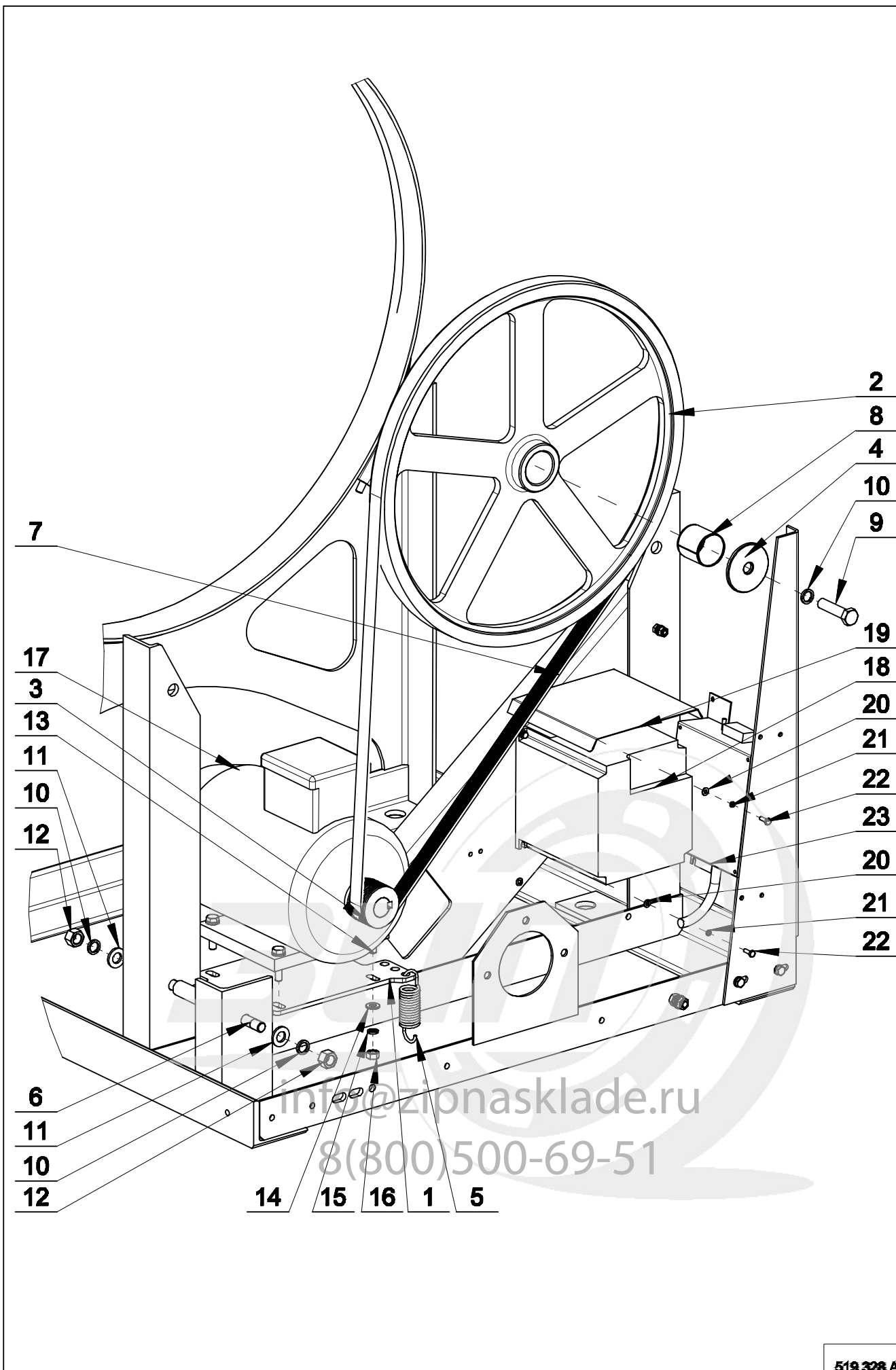
1	517446	Drum 18kg / 40lb			
1	519253	Drum 22kg / 50lb			
2	526116	Tub 18kg / 40lb, applicable for electrical heating			
2	526117	Tub 18kg / 40lb, applicable for steam heating			
2	526119	Tub 22kg / 50lb, applicable for electrical heating			
2	526120	Tub 22kg / 50lb, applicable for steam heating			
3	PRI530030013	Counter ring			
4	522004	Hub complete			
6	PRI530030012	Axial sealing			
7	519209	Axial sealing bowl			
8	307732031110	Retaining ring			
9	PRI608000048	Bearing			
10	517596	Hub			
11	PRI608002048	Bearing			
12	517562	Sealing ring			
13	309933001235	Bolt M12x35			
14	516760	Washer 13			
15	311125000013	Washer 13			
16	310934000012	Nut M12			
17	309933240616	Bolt M6x16			
18	311125200006	Washer 6,4			
19	309933001450	Bolt M14x50			
20	311125000014	Washer 15			
21	310934000014	Nut M14			
22	519308	Foil, applicable for electrical heating			
22	519318	Foil, applicable for steam heating			
23	517597	Rear face reinforcement			
24	R16100010513	Ring 24 holes			
25	517599	Spoke complete			
26	309933000850	Bolt M8x50			
27	311125000008	Washer 8,4			
28	310985000008	Nut M8			
29	517570	Distance segment			
30	PRI524000001	Sealing ring			
31	PRI614000048	Temperature sensor holder nut			
32	PRI614000047	Thermostat sensor holder			
33	503839	Temperature sensor			
34	PRI342000028	Heating element 3000W, l=265mm			
34	PRI342000040	Heating element 2x1500W, l=265mm			
34	PRI342030027	Heating element 2x2000W, l=470mm			
34	PRI342000032	Heating element 2x3000W, l=470mm			
35	PRI240000026	Motor wiring fixation plate			
36	514167	Coil, applicable for export USA			
37	405054120215	Steam filter			
38	319428324012	Adaptor ½"			
39	319428320704	Elbow ½"			
40	319428320504	Elbow ½"			
41	519333	Tube ½"			
42	517583	Steam supply holder			
43	514165	Steam valve ½" without coil, valid for export USA			
43	514164	Steam valve ½" with coil			
44	515348	Extension tube ½"			



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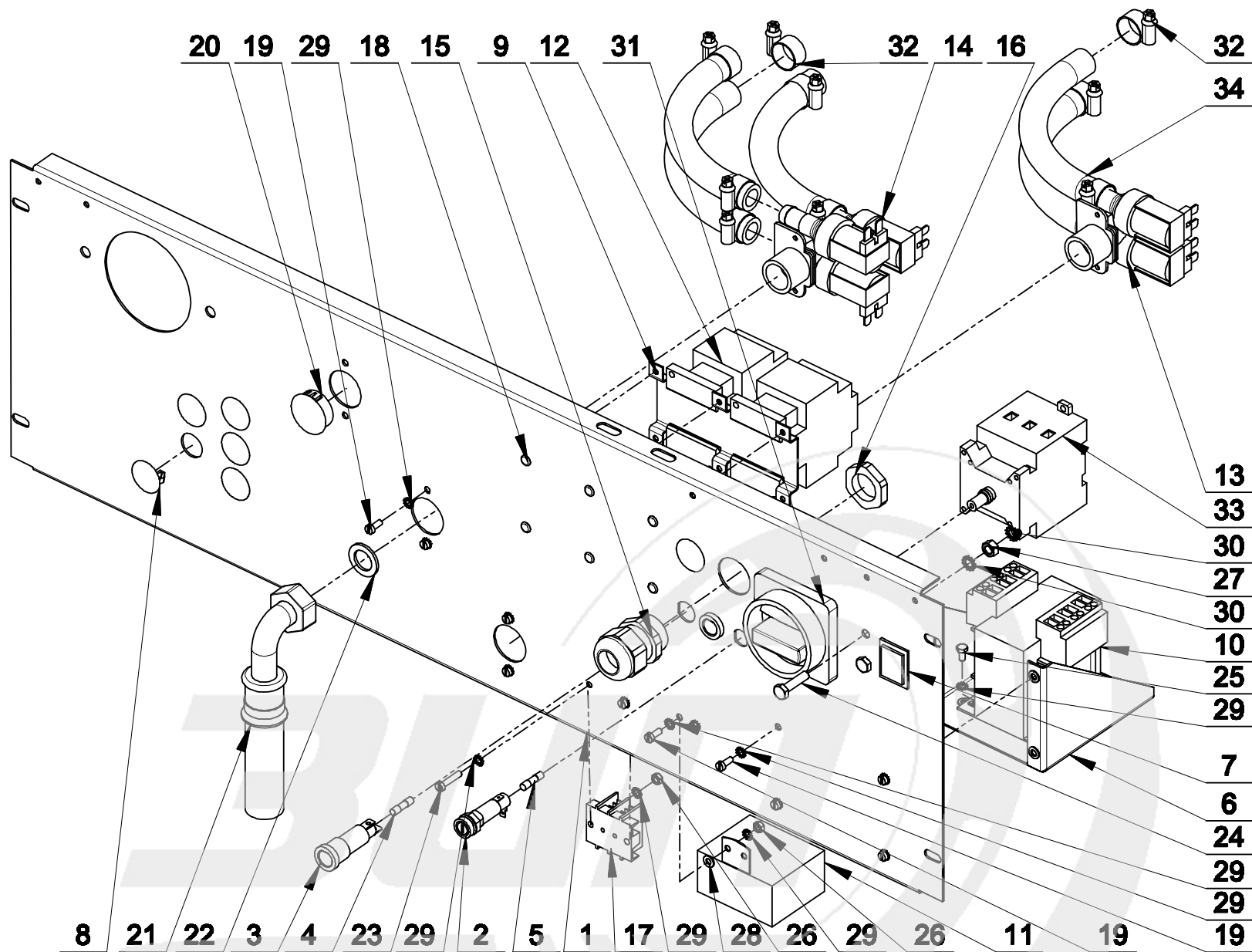
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Drive: drawing nr. 519328A

1	522075	Motor holder welded			
2	519214	Drum pulley			
3	519212	Motor pulley			
4	517528	Ring			
5	522166	Spring			
6	522046	Motor rod			
7	516762	Belt			
8	516759	Tolerance ring			
9	309933001250	Bolt M12x50			
10	311127000012	Washer 12			
11	516760	Washer 13			
12	310934000012	Nut M12			
13	309933000835	Bolt M8x35			
14	311125000008	Washer 8,4			
15	311127000008	Washer 8			
16	310934000008	Nut M8			
17	PRI320000013	Motor			
17	520041	Motor cable, (not shown)			
18	101822	Frequency inverter, 1ph. 230V			
18	101824	Frequency inverter, 3ph. 400V			
18	102424	Frequency inverter fan, (not shown)			
18	508442	Communication cable, (not shown)			
19	519207	Frequency inverter cover			
20	311125000004	Washer 4,3			
21	311127000004	Washer 4			
22	309933240412	Bolt M4x12			
23	100451	Filter, 3ph. 400V			
	245704003021	Glue for sticking the bolt, (not shown)			
	510889	Anticorrosive agent, (not shown)			



Rear panel: drawing nr. 522070

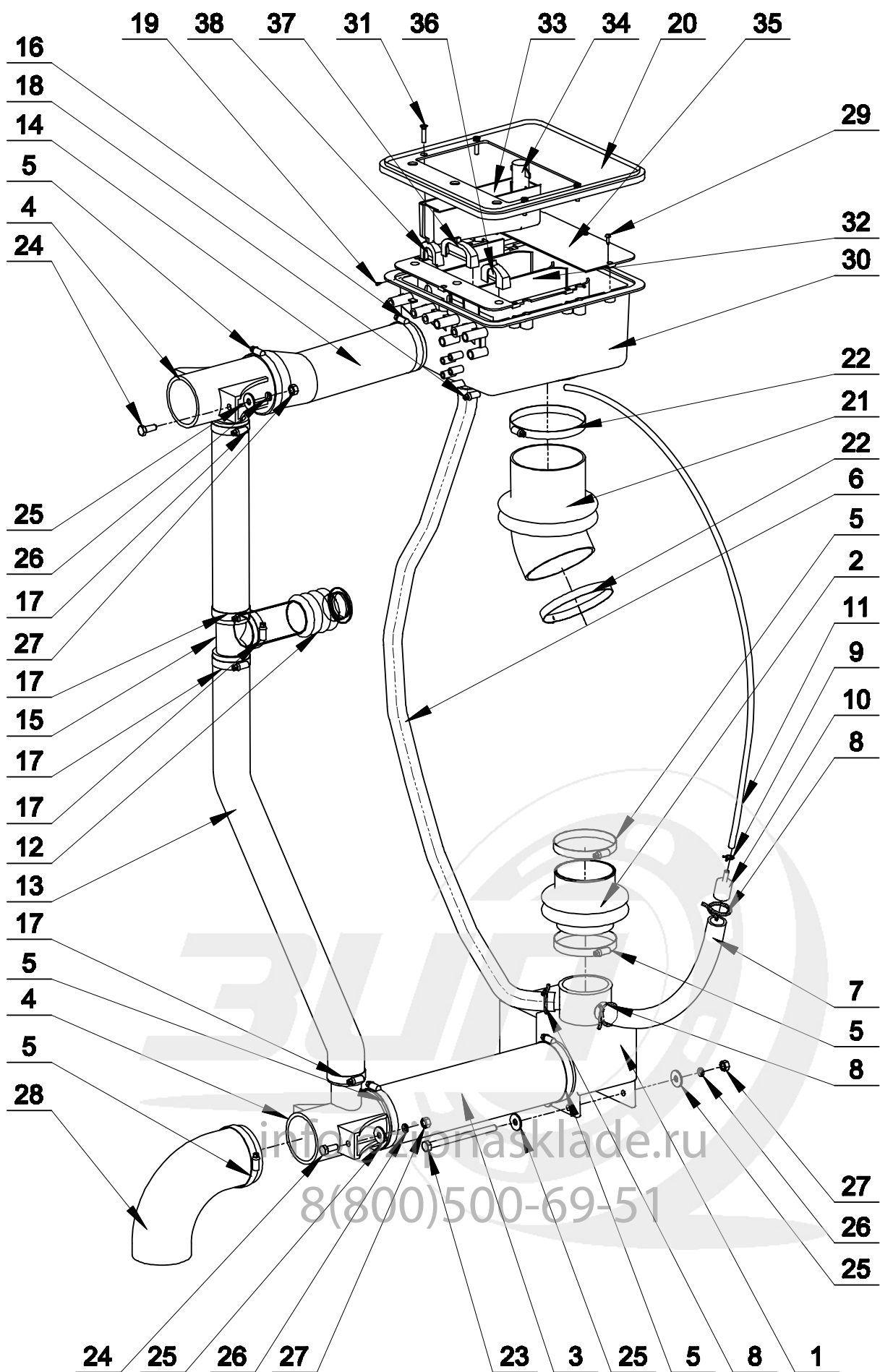
1	519388	Rear panel			
2	PRI401001020	Fuse holder			
3	PRI401003020	Fuse holder			
4	345805163032	Fuse 1A/500V			
5	PRI401022021	Fuse 0,5A/250V			
6	520693	Transformer holder complete			
7	PRI348001096	Plug			
8	PRI505003064	Plug			
9	522041	Double contactor holder			
10	516648	Transformer			
11	516012	Filter, 1ph. 230V			
12	514038	Contactor			
13	PRI340020035	Two way valve			
14	PRI340030038	Three way valve			
15	PRI350000057	Cable bushing			
16	PRI350001057	Cable bushing nut			
17	PRI350020007	Terminal board			
18	313250004063	Rivet 4x6,3			
19	309084000410	Bolt M4x10			
20	PRI505000064	Plug			
21	PRI505000055	Filling hose			
21	101621	Filling hose, valid for water approval			
22	PRI520001009	Rubber packing			
23	309084000420	Bolt M4x20			
24	309933100625	Bolt M6x25			
25	309933240408	Bolt M4x8			
26	310934000004	Nut M4			
27	310934100006	Nut M6			
28	311125000004	Washer 4,3			
29	311679800004	Lock washer external teeth M4			
30	311679824006	Lock washer external teeth M6			
31	347700006175	Controller			
32	PRI240000002	Hose clamp			
33	PRI404000098	Main switch 32A			
33	PRI404001098	Fourth pole of main switch 32A			
33	PRI404000099	Main switch 63A			
33	PRI404001099	Fourth pole of main switch 63A			
34	PRI540000014	Filling hose			
34	101745	Inlet hose, valid for water approval			
	PRI551000092	Label „Hot water“, (export west) , (not shown)			
	509614	Label „Hot water“, (export east) , (not shown)			
	PRI551000091	Label „Cold water soft“, (export west) , (not shown)			
	509613	Label „Cold water soft“, (export east) , (not shown)			
	PRI551000090	Label „Cold water hard“, (export west) , (not shown)			
	509612	Label „Cold water hard“, (export east) , (not shown)			
	PRI551001244	Sticker „Spin direction“, (not shown)			
	PRI551002233	Label „Disconnect before repair“, (export west) , (not shown)			
	509608	Label „Disconnect before repair“, (export east) , (not shown)			
	519037	Label „Disconnect before repair“, (export east) , (not shown)			
	PRI551010073	Serial label, (not shown)			
	516715	Transparent foil, (not shown)			
	PRI551000047	Label „Exhaust“, (not shown)			



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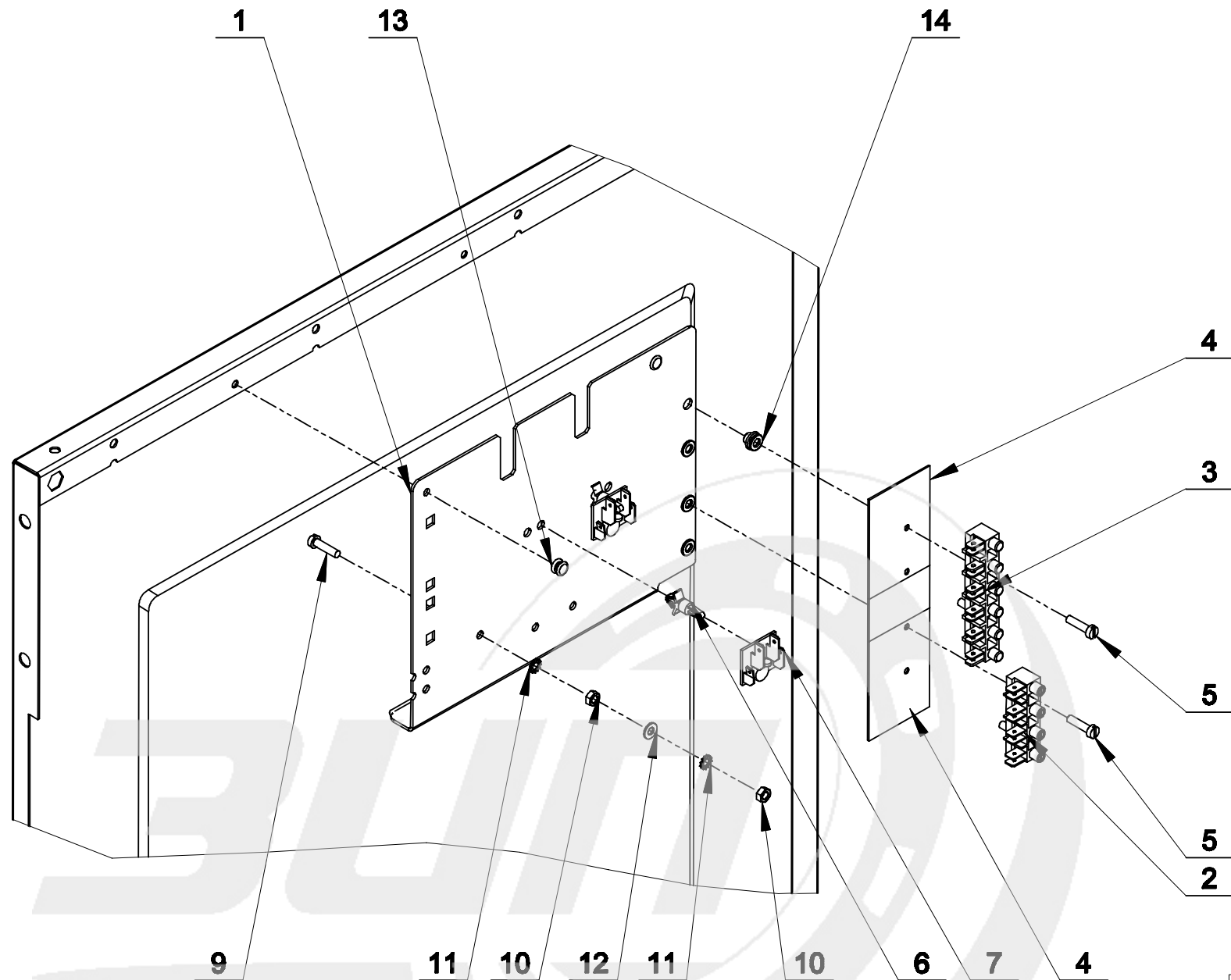
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24-Feb-05
520 788

Soap hopper, drain system: drawing nr. 520788

1	PRI340055051	Outlet valve			
2	273124080161	Tub-outlet valve hose			
3	PRI505000087	Drain hose			
4	PRI505000078	Air vent - drain T-part			
5	PRI240000007	Hose clamp			
6	PRI503002049	Liquid soap hose			
7	PRI503002049	Air trap hose			
8	PRI241000006	Hose clamp			
9	PRI241000017	Hose clamp			
10	PRI503000027	Air trap reduction			
11	PRI540001003	Water level switch hose			
12	PRI505000088	Air vent-backplate hose			
13	PRI505000090	Overflow hose			
14	PRI505000089	Air vent-soaphopper hose			
15	PRI505000077	T-part			
16	PRI240000021	Hose clamp			
17	PRI240000017	Hose clamp			
18	PRI240000003	Hose clamp			
20	PRI505039027	Soaphopper sealing			
21	PRI540000031	Hose soap hopper - tub			
22	PRI240000005	Hose clamp			
23	309931008120	Bolt M8x120			
24	309933000820	Bolt M8x20			
25	311902100008	Washer 8			
26	311127000008	Washer 8			
27	310934000008	Nut M8			
28	519463	Elbow			
29	309798124313	Screw ST3,5x13			
30	PRI505040027	External part powder part			
31	PRI212002020	Bolt M5x16			
32	PRI505041027	Internal part powder part			
33	PRI505042027	Small box softener			
34	PRI505043027	Cylinder			
35	PRI505044027	Protect plate powder box			
36	PRI505045027	Slide prewash			
37	PRI505046027	Slide mainwash			
38	PRI505047027	Slide softener			



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