

Material:				Volume:	
Date	Drawn by	Mechanics VARIMAT V2		Sheet	1
20.03.2009	bdu			of	1
Date	Checked by			Revision	1
18.11.2009	gdm	Format	Scale	Drawing number	020.294
LEISTER Process Technologies CH-6060 Sarnen		A2	%	A	

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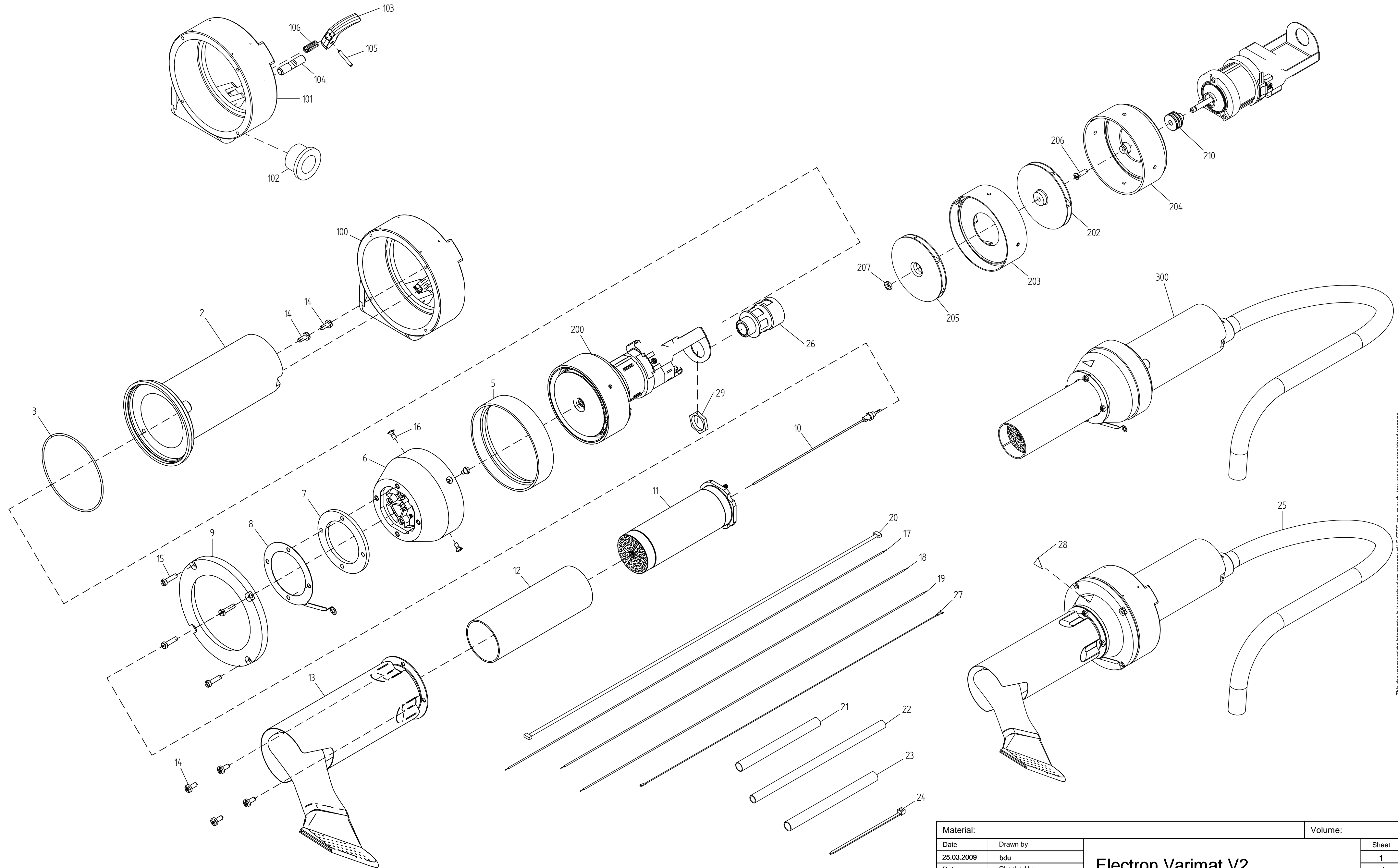
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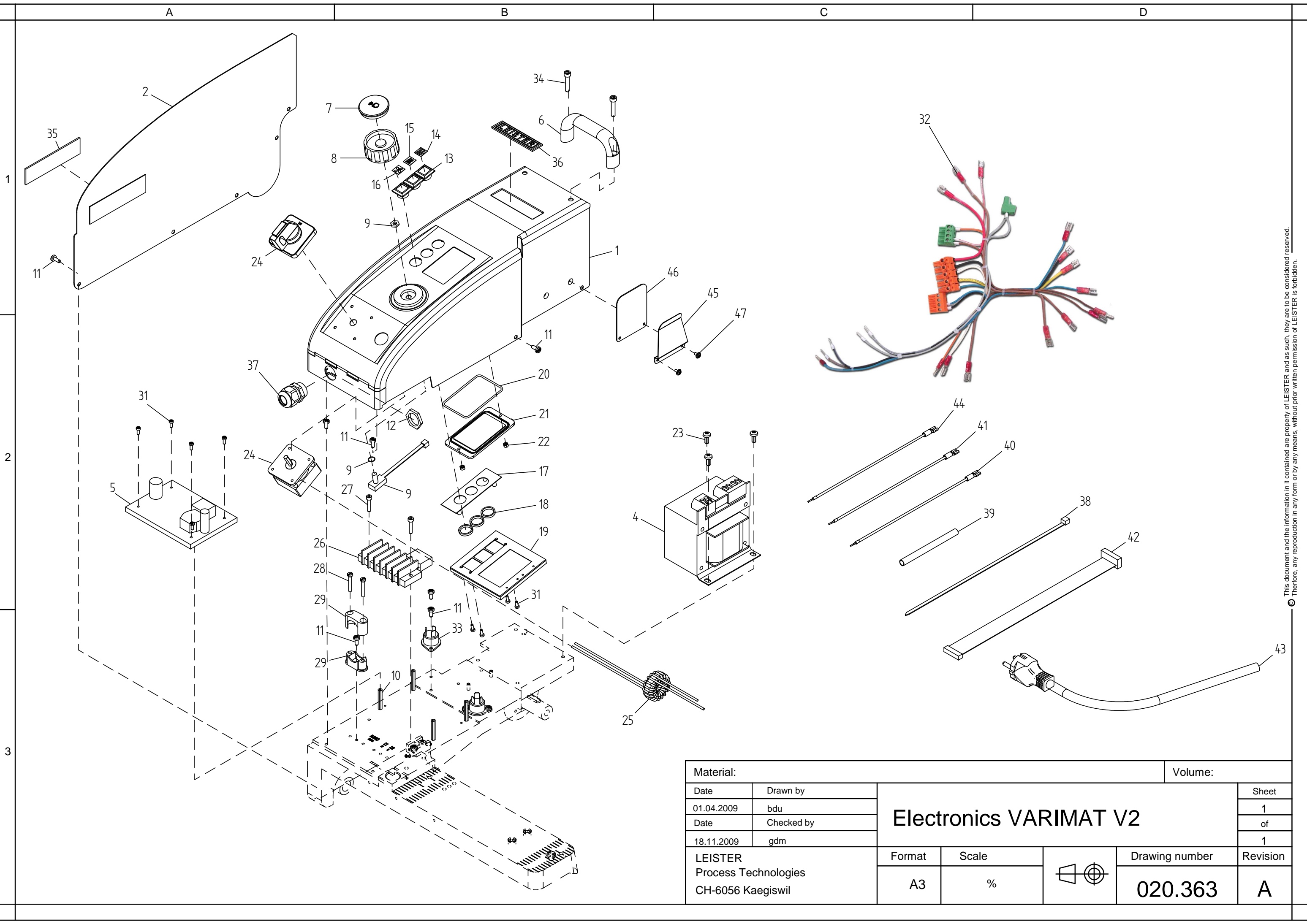
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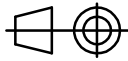
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Material:		Volume:	
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Date	Checked by	of	
18.11.2009	gdm	1	
LEISTER Process Technologies CH-6060 Samen		Format	Scale
		A2	%
		Drawing number	
		020.362	
		Revision	
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Material:				Volume:		
Date	Drawn by	Electronics VARIMAT V2			Sheet	
01.04.2009	bdu				1	
Date	Checked by				of	
18.11.2009	gdm				1	
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		A3	%		020.363	A

Spare Parts List: VARIMAT V2 dc0947				List Price \$
Drawing-No 020.294A, 020.362B, 020.363A				
Pos	Order No	Qty	Article	
Drawing-No 020.294A (Mechanics VARIMAT V2)				
1	107.073	1	Undercarriage complete	1,490.00
2	107.066	1	Basic weight complete	232.00
3	107.067	1	Additional weight complete	178.00
4	107.065	1	Terminal weight complete	178.00
7	104.266	1	Rollpin spring ø 4 x 20	4.00
8	137.696	1	Guiding bar bottom	220.00
10	113.355	1	Pinch roll complete, with bearing bush and rocker	544.00
11	107.068	1	Roller complete	426.00
12	107.081	1	Swivel-joint roller	452.00
14	108.115	1	Driving axle	152.00
15	107.074	1	Rocker complete	172.00
16	107.699	1	Rocker complete	178.00
17	115.989	1	Guide shaft complete	64.00
18	107.092	1	Axle suspension	202.00
19	107.072	1	Roller holder complete	28.00
20	107.051	1	Axle	216.00
21	107.069	1	Deflection roller complete	190.00
22	107.084	1	Carrier bush	202.00
23	100.985	2	Silicon rubber ring ø 62/82 x 51mm	90.00
26	114.500	1	Pillow block	82.00
27	107.703	1	Guide roller complete	72.00
28	107.079	1	Axle	58.00
29	107.732	1	Knob M6	54.00
30	107.731	1	Spring	22.00
31	135.192	1	Crank 40	17.00
32	107.053	1	Retaining disk	64.00
33	107.085	1	Chain adjuster	82.00
34	107.047	1	Adjusting pendulum	40.00
35	107.044	1	Collar screw	102.00
36	107.045	2	Set collar	68.00
37	107.729	2	Rubber buffer	56.00
38	107.046	1	Spring washer	56.00
39	107.042	1	Collar screw	102.00
40	115.988	1	Cover sheet	17.00
41	137.706	1	Clamping lever M6 x 20	17.00
42	138.817	1	hand brush, stainless	14.00
43	104.255	1	Cable fixation clip ø 11	16.00
44	110.553	1	Chain joint 8 x 3mm	10.00
44	114.113	1	Roller chain 8 x 1/8" x 408mm (12m/min)	76.00
45	100.326	1	Clamp disk	30.00
46	107.052	1	Bearing bush	92.00
47	137.953	1	Sensor complete with plug	242.00
48	108.210	1	Clamping sleeve	11.00
49	104.268	1	Internal retaining ring ø 52	36.00
50	104.270	1	External retaining ring ø 30	18.00
51	100.341	1	External retaining ring ø 15	3.00
52	100.356	1	External retaining ring ø 14	4.00
53	106.811	1	Parallel key 6 x 6 x 22	4.00
55	100.563	3	Deep groove ball bearing ø 6/19 x 6	26.00
56	102.241	1	Washer M4 4.3/12/1	3.00

Spare Parts List: VARIMAT V2 dc0947				List Price \$
Drawing-No 020.294A, 020.362B, 020.363A				
Pos	Order No	Qty	Article	
57	107.733	1	Spring washer M4 4.3/8/0.5	3.00
58	102.916	3	Shim ring 6/12/0.5	3.00
59	107.953	1	Spiral pin ø 5 x 30	2.00
60	101.095	1	Rollpin spring ø 5 x 22	4.00
61	104.224	1	Round belt	46.00
62	104.262	2	Circlip for shaft ø 8	3.00
63	107.730	1	Hexagon nut M10/0.8d	5.00
65	104.259	1	Cheese head screw M10 x 20	5.00
66	101.077	1	Cheese head screw M8 x 25	7.00
67	104.260	1	Cheese head screw M6 x 35	3.00
68	102.408	1	Countersunk screw M6 x 20	3.00
69	100.945	2	Slotted pan head screw M6 x 16	3.00
70	100.299	3	Fillister head screw M4 x 10	3.00
71	101.113	2	Cheese head screw M6 x 20	3.00
72	100.979	3	Hexalobular socket pan head screw M6 x 12	5.00
74	100.424	2	Cheese head screw M5 x 16	4.00
75	104.261	2	Fitted shoulder screw M6 x 12, with socket head	10.00
77	104.263	1	Springy thrust piece M8 x 16	3.00
78	104.258	1	Set screw M8 x 14	4.00
79	100.398	3	Set screw M4 x 8t	3.00
80	101.113	2	Cheese head screw M6 x 20	3.00
81	106.732	2	Cheese head screw M4 x 20	3.00
82	100.976	1	Hexalobular socket pan head screw M5 x 12	5.00
83	119.503	1	Washer M8	28.00
85	104.225	2	Pressure spring ø 0.9 x ø 13.5 x 37.5	7.00
89	100.970	1	Countersunk screw M4 x 12	3.00
90	101.008	1	Spring ring M4 4.25/7.6/0.9	2.00
91	100.142	1	Thread forming fillister head screw M5 x 12	3.00
92	100.124	2	Spring ring M5 5.35/9.2/1.2	2.00
93	100.173	2	Torsional protection disk	3.00
94	132.429	2	Solder plate 200x100x0.5mm	14.00
95	130.275	1	Snap hook	11.00
200	108.125	2	Holding-down roller	50.00
201	107.055	2	Guide pillar	56.00
202	107.056	2	U-profile	72.00
203	107.077	2	Holding-down roller	68.00
204	104.267	2	Rollpin spring ø 8 x 20	5.00
205	100.299	2	Fillister head screw M4 x 10	3.00
300	138.074	1	Drive unit 12m/min.	1,616.00
301	107.061	1	Gear support	190.00
302	114.116	1	Motor DCS 52/33, 230V, 12m/min	1,148.00
303	115.941	1	Electronic circuit board ZPM 06 complete, 230V	334.00
304	114.109	1	Motor support 12m/min	76.00
305	114.112	1	Toothed belt 5/16", 12m/min	28.00
306	127.414	1	Planetary gear 195:1	574.00
307	127.419	1	Chain wheel 12m/min 11mm wide	70.00
308	114.088	1	Fan complete, 12V	118.00
309	100.429	2	Carbon brush 5 x 6 x 14 with lead (230/200V)	6.00
310	115.070	1	Lock washer	22.00
311	103.782	2	Cheese head screw M4 x 60	2.00
312	112.503	1	Cheese head screw M4 x 40	3.00

Spare Parts List: VARIMAT V2 dc0947				List Price \$
Drawing-No 020.294A, 020.362B, 020.363A				
Pos	Order No	Qty	Article	
313	100.142	4	Thread forming fillister head screw M5 x 12	3.00
314	106.481	2	Distance bolt M4, hexagon, with threaded stud	4.00
315	106.732	4	Cheese head screw M4 x 20	3.00
316	103.361	1	External retaining ring ø 8	2.00
317	101.060	1	External retaining ring ø 12	2.00
318	101.598	2	Distance bush M3 3.1/6/5	2.00
319	100.270	1	Thread forming fillister head screw M3 x 6	3.00
320	100.208	2	Cheese head screw M3 x 12	3.00
400	137.843	1	Guiding bar upper part complete	419.00
401	137.692	1	Guiding bar pipe above	296.00
402	137.842	1	Guiding bar with handle	140.00
403	137.689	1	Pipe latch	15.00
404	137.709	1	Feather key 3x3x18	78.00
405	120.809	1	Cheese head Screw M 4 x 10	3.00
406	100.617	1	Hexagon nut M4/0.8d	2.00
500	108.120	1	Pinch roller	190.00
501	107.071	1	Pinch roll complete	190.00
502	107.093	1	Rubber ring ø 74/92 x 40	42.00
Drawing-No 020.362B (Electron VARIMAT V2)				
2	137.757	1	Electron housing	50.00
3	101.237	1	O-ring ø 75.92 x ø 1.78mm	3.00
5	101.252	1	Rubber ring without cams	12.00
6	126.708	1	Turbine housing upper part, with 3 plug sockets	94.00
7	101.270	1	Gasket 70 x 48 x 4mm	18.00
8	114.709	1	Earth/ground ring (unfold)	14.00
9	100.909	1	Retaining ring 120 x 8mm	34.00
10	112.693	1	Thermocouple	188.00
30	107.687	2	End sleeve, 0.5mm2, white	2.00
11	107.612	1	Heating element type 39A1, 230V/2200+2200W	390.00
12	101.274	1	Mica tube ø 47.6 x 134mm	60.00
13	138.460	1	Speed overlap welding nozzle 40mm	578.00
14	100.299	6	Fillister head screw M4 x 10	3.00
15	100.442	4	Cheese head screw M4 x 16	3.00
16	101.269	4	Fillister head countersunk screw M3.5 x 8	3.00
17	107.760	1	Temperature resistant wire 1.5mm2 x 1100mm, black	6.00
18	107.764	1	Temperature resistant wire 2.5mm2 x 1m, blue	6.00
19	107.759	1	Temperature resistant wire 1.5mm2 x 1m, yellow	6.00
31	106.196	3	Flat receptacle 6.3 x 0.8mm (2.5mm2), blue	2.00
20	137.934	1	Flex print MCU 03	64.00
21	107.765	1	Insulating tube ø 8 x 0.5 x 90mm, white	4.00
22	107.749	1	Silicon tube ø 8 x 0.5 x 150mm, white	6.00
23	112.155	1	Insulating tube ø 7 x 0.7 x 100mm, white	2.00
24	100.151	1	Cord fastener 85 x 22	2.00
25	137.752	1	Cable protection corrugated pipe NW17	17.00
26	112.305	1	Hose screw fitting PG 11, NW 17, straight, black	17.00
27	138.355	1	Flex wire 20AWG x 820, ye/gn	10.00
28	100.528	1	Warning label "Hot surface"	6.00
29	112.273	1	Counternut PG 11	2.00
100	115.427	1	Tool holder complete	222.00
101	115.425	1	Tool holder with flange sleeve	258.00

Spare Parts List: VARIMAT V2 dc0947				
Drawing-No 020.294A, 020.362B, 020.363A				
Pos	Order No	Qty	Article	List Price \$
102	115.426	2	Flange sleeve ø 20/28/35 x 20mm	42.00
103	100.359	1	Trigger	24.00
104	100.360	1	Lock pin	32.00
105	100.362	1	Rollpin spring ø 3 x 20	3.00
106	100.361	1	Pressure spring	3.00
200	137.736	1	BL Motor V2 45/25 S complete, 230V	538.00
202	107.591	1	Turbine	21.00
203	107.762	1	Distributor complete	30.00
204	104.064	1	Turbine housing lower part complete	32.00
205	107.592	1	Turbine	21.00
206	100.284	3	Thread forming fillister head countersunk screw M4 x 14	3.00
207	100.287	1	Hexagon nut M5/0.5d	2.00
210	117.293	1	Distance disc	10.00
300	140.138	1	ELECTRON VARIMAT V2, 230V complete with out nozzle	1,308.00
Drawing-No 020.363A (Elektronics VARIMAT V2)				
1	136.074	1	Housing cap	426.00
2	135.646	1	Housing cap side	105.00
4	137.944	1	Auto transformer	298.00
5	137.995	1	Electronic circuit board TRN 06, 200/230V	525.00
6	135.153	1	Carrying handle	52.00
7	138.017	1	Cover for e-Drive	2.00
8	134.949	1	e-Drive	13.00
9	138.045	1	Electronic circuit board encoder ECI 01D, 5V	86.00
10	114.739	4	Distance bolt M3, hexagon, with inside thread	4.00
11	100.299	14	Fillister head screw M4 x 10	3.00
12	113.567	1	Hexagon counternut M20 x 1.5	2.00
13	116.531	3	Luminous push button socle	7.00
14	135.167	1	Pressure button drive	10.00
15	135.166	1	Pressure button temperature	10.00
16	135.165	1	Pressure button air	10.00
17	135.939	1	Retaining cover	24.00
18	116.532	3	Mounting nut	5.00
19	138.046	1	Electronic circuit CSE 07B	767.00
20	137.798	1	Display seal	8.00
21	134.950	1	Display window	6.00
22	101.180	2	Locking nut M3, hexagon	2.00
23	100.142	3	Thread forming fillister head screw M5 x 12	3.00
24	101.557	1	On-Off-switch	76.00
25	101.198	1	Toroidal core complete	58.00
26	107.694	1	Snap-on connector board with capacitor	104.00
27	106.732	2	Cheese head screw M4 x 20	3.00
28	101.116	2	Cheese head screw M4 x 25	3.00
29	111.718	1	Cord clip ø 9 - 19mm, enlarged	7.00
31	100.816	8	Cheese head screw M3 x 8	3.00
32	127.095	1	Cable loom V2, 230V	212.00
33	101.187	2	Triac 25A/800V	96.00
34	100.872	2	Cheese head screw M5 x 25	3.00
35	137.862	1	Company label LEISTER (3D)	17.00

Spare Parts List: VARIMAT V2 dc0947				List Price \$
Drawing-No 020.294A, 020.362B, 020.363A				
Pos	Order No	Qty	Article	
36	137.090	1	Company label LEISTER (3D)	11.00
37	113.582	1	Cable screw fitting M20 x 1.5, black	10.00
38	108.209	1	Cord fastener 4.8 x 300	2.00
39	112.155	2	Insulating tube ø 7 x 0.7 x 100mm, white	2.00
40	107.723	1	Temperature resistant wire 2.5mm ² x 225 complete, brown, with flat receptacles and end sleeve	10.00
41	107.721	1	Temperature resistant wire 2.5mm ² x 225 complete, blue, with flat receptacle and end sleeve	10.00
42	138.061	1	Ribbon cable	40.00
43	138.514	1	Power supply cord 3 x 2.5mm, 1.2m, with out plug	32.00
44	107.725	1	Temperature resistant wire 2.5mm ² x 215 complete, yellow-green, with flat receptacles and end sleeve	10.00
45	129.148	1	Metal holder	26.00
46	138.542	1	Protection cover for welding plattes	14.00
47	130.322	2	Pan washer head screw, M3 x 6	2.00