



FLOOR PLANER/SCARIFIER

CT250

OWNER'S MANUAL AND PARTS BOOK



1. Machine applications

Planing of horizontal, dry floors such as concrete and steel surfaces with or without a coating and asphalt using CONTEC® planing tools. The use of the machine outside is only possible in dry weather.

2 Technical data

2.1 Planer

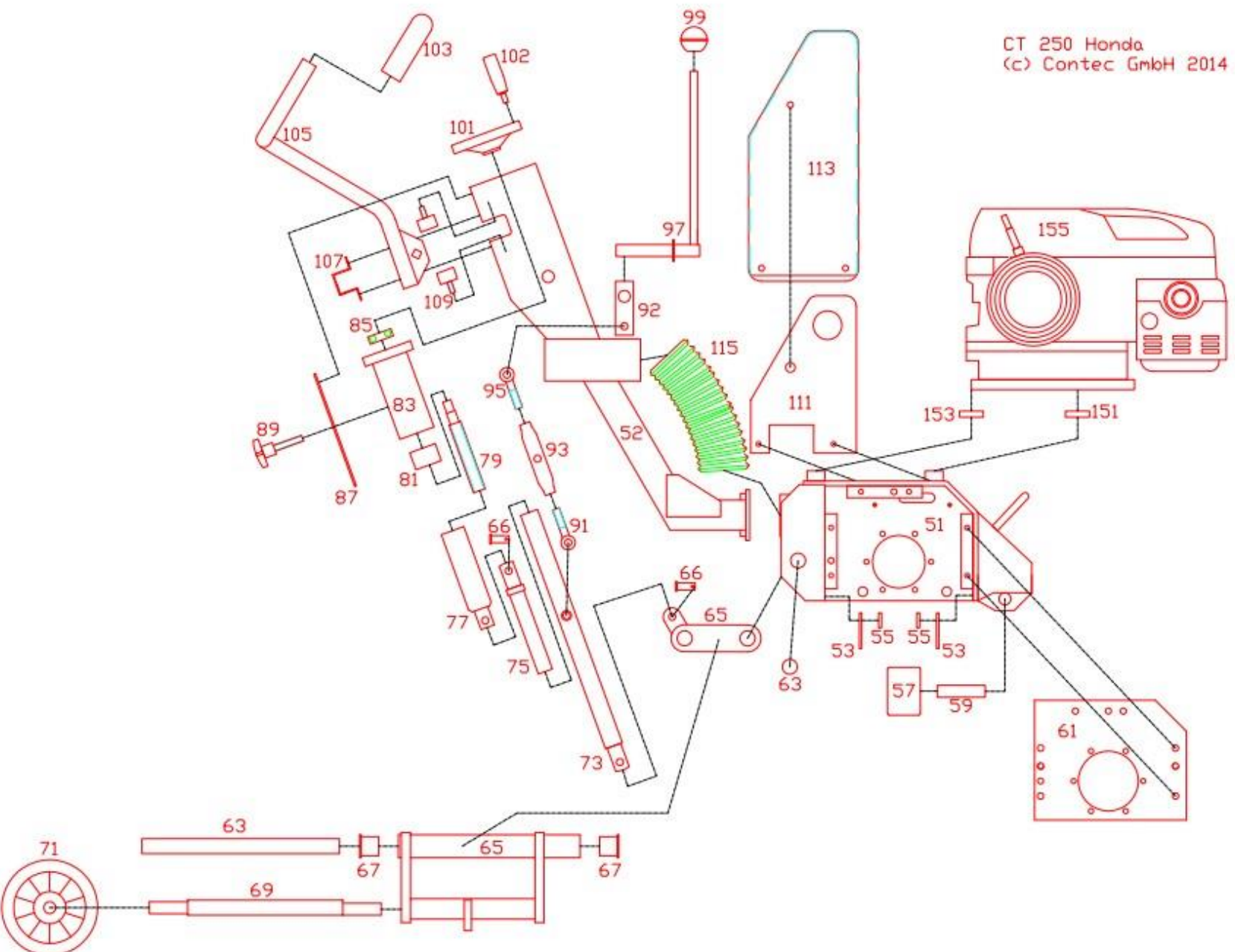
Width of cut	250 mm (10 in)	
Width	44 cm (17 in)	
Length	104 cm (41 in)	
Height	99 cm (39 in)	
Weight	135 kg (298 lbs)	
Dust port ∅	70 mm (2.86 in)	
Height adjustment	Hand wheel and lever	
Electric motor	USA	460 V, 9 kW (12 hp), 60 Hz
Honda petrol	9 hp	
Other motors	On request	
Average value of acceleration a_{hv} *	8.6 m/s ²	
Noise level L_{wa} *	109 dB(A)	
Noise level L_{eq} *	96 dB(A)	

2.2 Tools

Drum diameter	180 mm (7.3 in)
Cutter shaft diameter	16 mm (0.65 in)
Number of shafts	6
TCT Cutter	57/6
Milling cutter	57/20
Beam flails	57
Cutter diameter	57
Max. No. of cutters	132
Max. No. of milling cutters	36

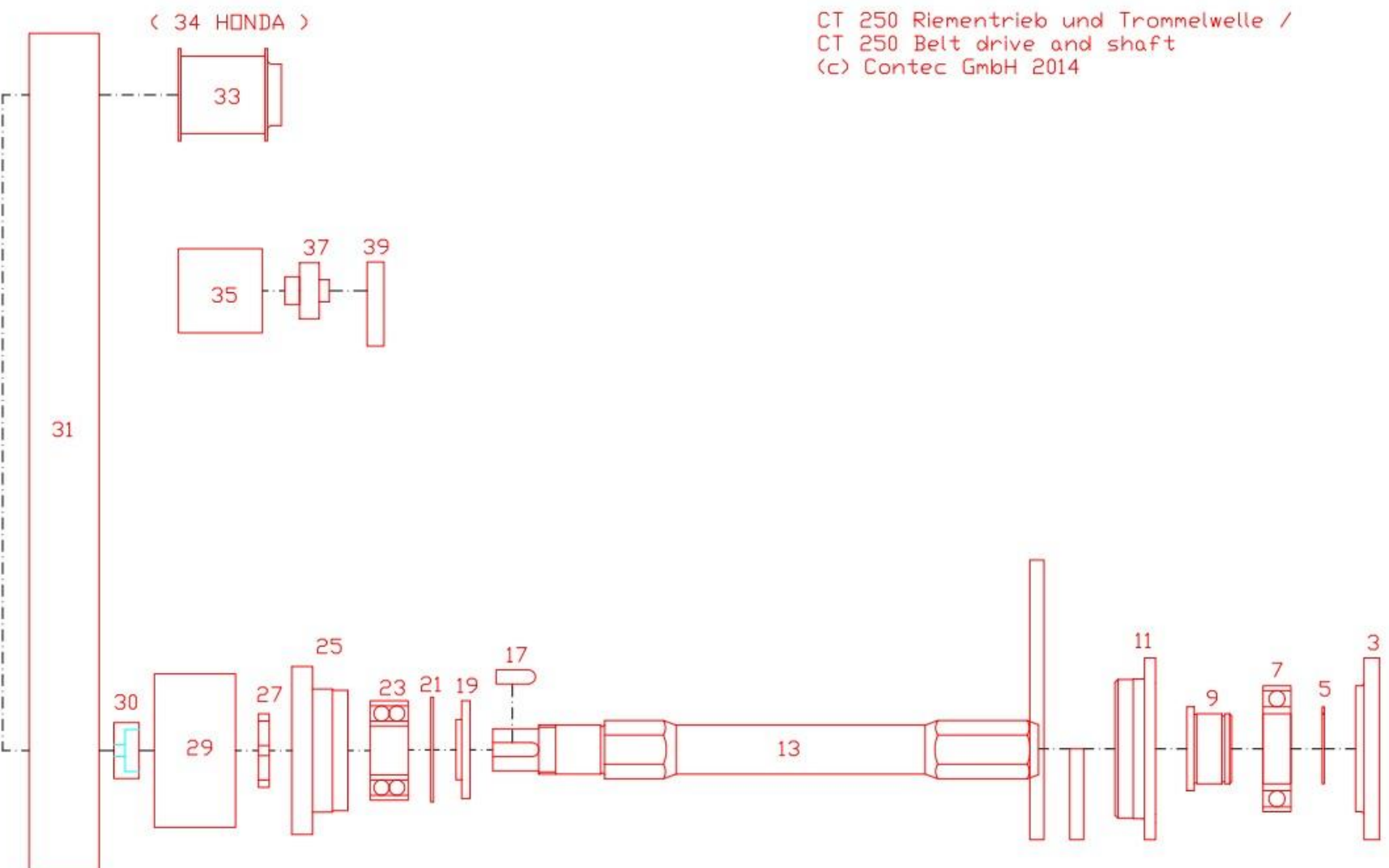
All specifications are approximate and subject to confirmation. They should only be used as a guide.

PARTS LIST 2 – CT250 MAIN ASSEMBLY Gas Version



PARTS LIST 3 - CT250 BELT DRIVE AND SHAFT

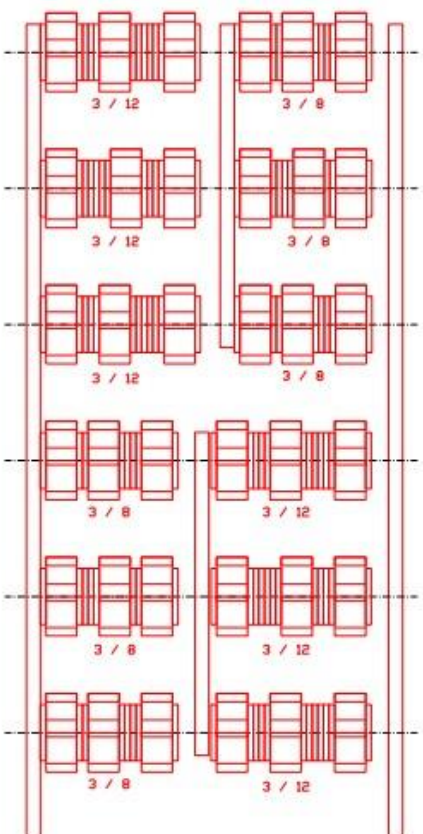
CT 250 Riementrieb und Trommelwelle /
CT 250 Belt drive and shaft
(c) Contec GmbH 2014



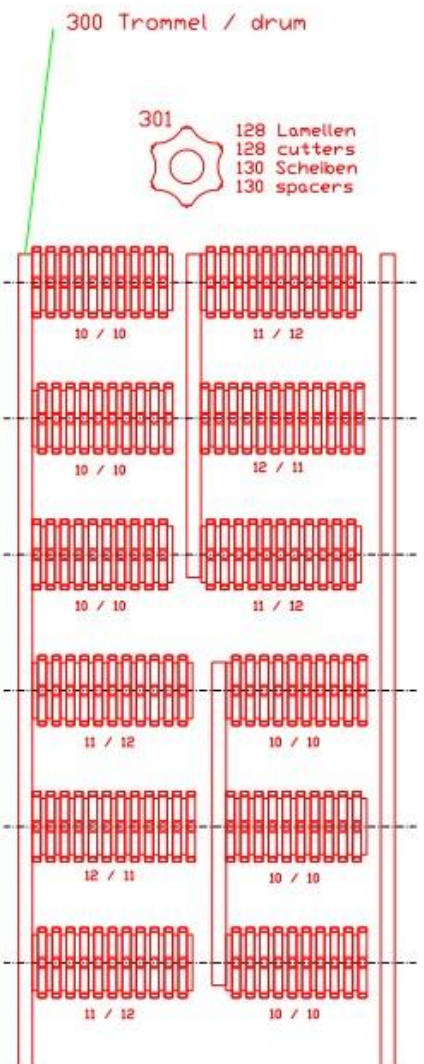
PARTS LIST 4 – CT250 DRUM ASSEMBLY



303 36 Lamellen
36 cutters
120 Scheiben
120 spacers



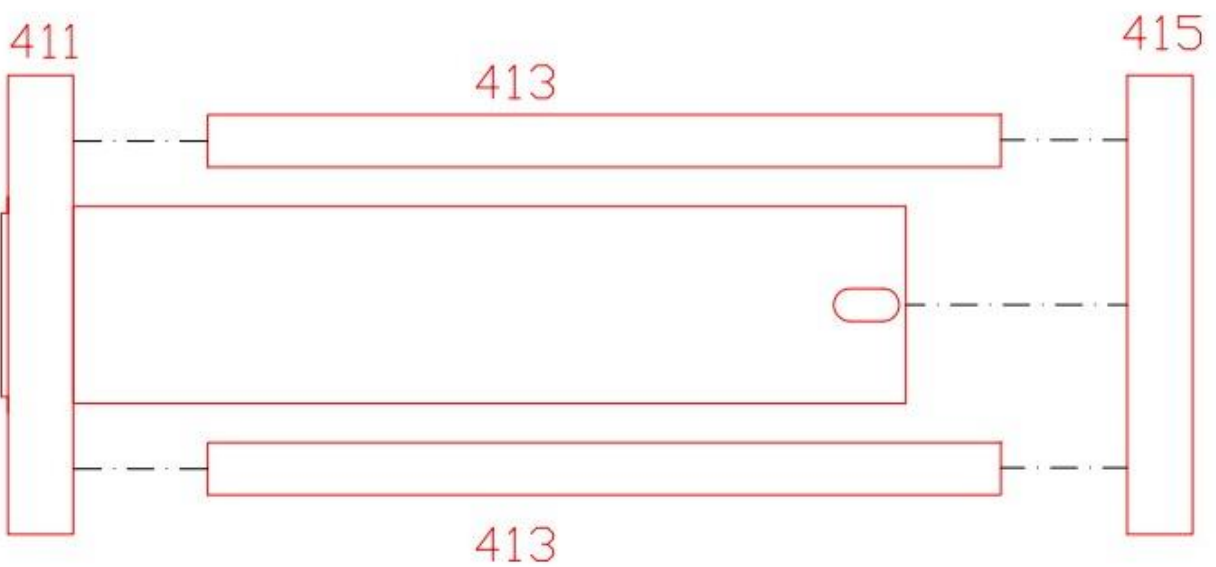
301 128 Lamellen
128 cutters
130 Scheiben
130 spacers



Werkzeuge für CT 250
Tools for CT 250
(c) Contec GmbH 2014

PARTS LIST 5 – CT250 DRUM ASSEMBLY 2

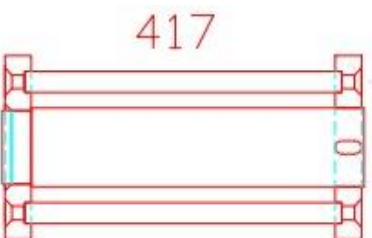
Diamanttrommel CT 250



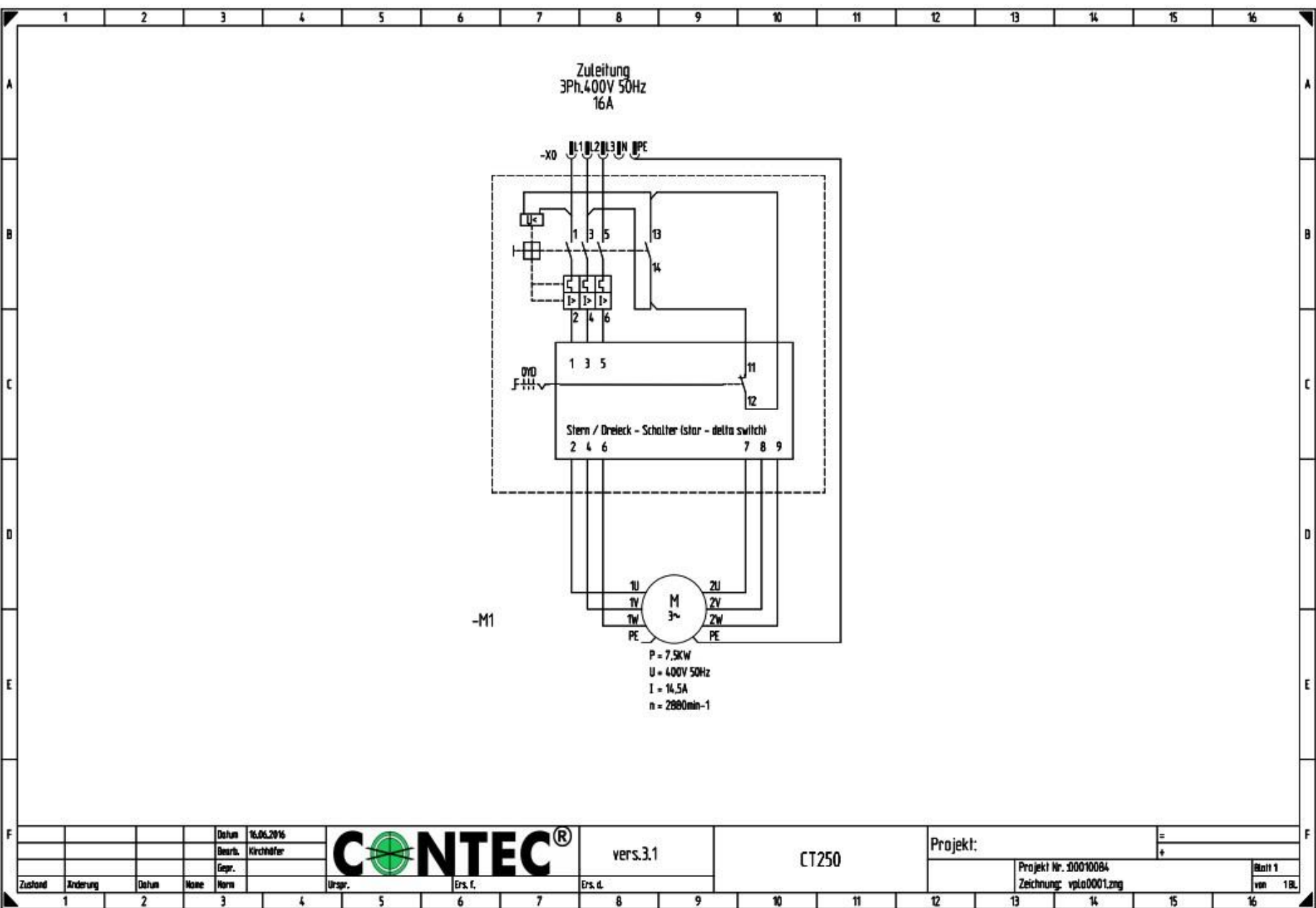
Distanzscheibe / Spacer



1 mm	419
2 mm	421
3 mm	423
5 mm	425
8 mm	427
10 mm	429



PARTS LIST 6 - CT250 ELECTRIC DIAGRAM



PARTS LIST – CT250 MAIN ASSEMBLY

Item #	Part #	Description	QTY
3	19-10-07-03	Bearing Lid right Side	1
5	61-30-00-47	Circlip	1
7	61-20-62-10	Bearing right Side	1
9	19-21-07-06	Hexagon Ring	1
11	19-10-07-04	Bearing Housing right Side	1
13	19-21-07-05	Drive Shaft	1
17	68-85-30-8-7	Key	1
19	19-10-07-01	Spacer	1
21	61-30-01-70	Circlip	1
23	61-20-32-07	Bearing left Side	1
25	19-10-07-02	Bearing Housing left Side	1
27	19-21-07-07	Nut on Drive Shaft	1
29	70-44-8M-50	Pulley Drum	1
30	19-10-70-15	Lock for Pulley	1
31	70-24-08-80	Belt	1
33	70-24-8M-50	Motor Pulley	1
35	70-26-27-00	Belt Tensioner	1
37	19-10-12-04	Bracket for Tensioner	1
39	19-10-12-03	Bracket for Tensioner	1
51	19-10-01-00	Chassis	1
53	70-24-16-60	Rubber Sealing front/rear	2
55	19-10-13-01	Bracket for Rupper Sealing	2
57	80-20-80-60	Front Wheel	1
59	19-10-01-07	Front Wheel Axis	1
61	19-10-01-01	Side Plate	1
63	19-10-04-05	Axle for Wingarm	1
65	19-10-04-00	Wing Arm for rear Axis	1
66	60-33-12-25	Pin for lifting Rod	2
67	61-24-50-30	Bronze Bearing	1
69	19-10-04-06	Rear Axis with Excenter	1
71	80-20-31-60	Wheel	2
73	19-10-05-05	Lifting Rod lower Part	1
75	19-10-05-06	Lifting Rod upper Part	1
77	19-10-05-03	Height Control Piston	1
79	19-10-05-02-C	Spindle	1
81	61-24-40-46	Bronze Bearing	1
83	19-10-05-01	Housing Height Adjustment	1
85	61-20-63-02	Lager Bearing	1
87	19-10-02-07	Cover	1
89	60-30-10-50	Cross Handle Screw	1
91	61-50-12-60	Eye Screw	2

92	19-10-10-01	Lever	1
93	19-10-05-07	Spanner Nut	2
95	61-50-12-60-L	Eye Screw left Threat	1
97	19-10-05-08	Lever	1
99	90-21-45-12	Ball Head	1
101	90-21-95-50	Level Adjustment Wheel	1
102	90-21-95-51	Knob for Handwheel	1
103	70-21-26-10	Rubber Grip	1
105	19-10-03-01	Handle	1
107	70-26-18-00	Bracket for Rubber Block	2
109	70-26-30-00	Rubber Block	4
111	19-10-06-01	Bracket for Belt Cover	1
113	19-10-06-03	Belt Cover	1
115	70-25-02-70	Dusthose	1
151	19-10-12-08	Motor Spacer	4
153	19-10-12-05	Bracket for Electric Motor	2
155	55-03-46-75	Motor	1
156	50-20-20-04	Star-Delta-Switch	1
157	50-20-16-01	Wall Plug	1
158	50-20-23-M-25	Cable Gland	1
159	50-20-23-GM-M-25	Nut	1
160	50-10-10-41	Switch Box	1
163	51-10-10-01	Motor Protective Switch Box	1
165	51-20-30-03	Low Voltage Protective	1
167	51-20-30-01	Motor Protective	1
169	50-20-10-07	Auxiliary Switch	1
171	50-20-23-M-16	Cable Gland	1
173	50-20-23-GM-M-16	Nut	1
300	95-10-250-T	Drum	1
301	95-16-57-06	TC Cutters 57/6	1
303	95-16-57-20	Milling Flails 57 / 20	1
307	95-16-30-17	Spacer	1
309	95-10-250-A	Axis for Drum	6
311	95-10-250-S	Drum Side Disc	2
411	19-10-55-24	Drum Shaft with Flange	1
413	19-10-55-13	Shaft for Diamond Drum	2
415	19-10-55-03	Flange for Diamond Drum	1
417	19-10-55-11	Drum for Diamond Blades	1
419	19-10-55-17	Spacer 1mm for Diamond Drum	1
421	19-10-55-14	Spacer 2mm for Diamond Drum	1
423	19-10-55-15	Spacer 3mm for Diamond Drum	1
425	19-10-55-16	Spacer 5mm for Diamond Drum	1
427	19-10-55-18	Spacer 8mm for Diamond Drum	1
429	19-10-55-19	Spacer 10mm for Diamond Drum	1