



FLOOR PLANER/SCARIFIER

CT320

OWNER'S MANUAL AND PARTS BOOK



SPECIFICATIONS

CT320	
Dimensions	
Width of Cut, mm (in)	320 (12.5)
Overall Width, mm (in)	610 (24)
Overall Length, mm (in)	1100 (43)
Overall Height, mm (in)	1100 (43)
Weight	
Weight with Drum, kg (lb)	230 (507)
Power Source	
Power kw (HP)	17.3 (23.5)
Volts (V)	460
Frequency (Hz)	60
Amperage (A)	30

CT 320 - 400-480 V, 50/60 Hz
(c) Contec GmbH 2014

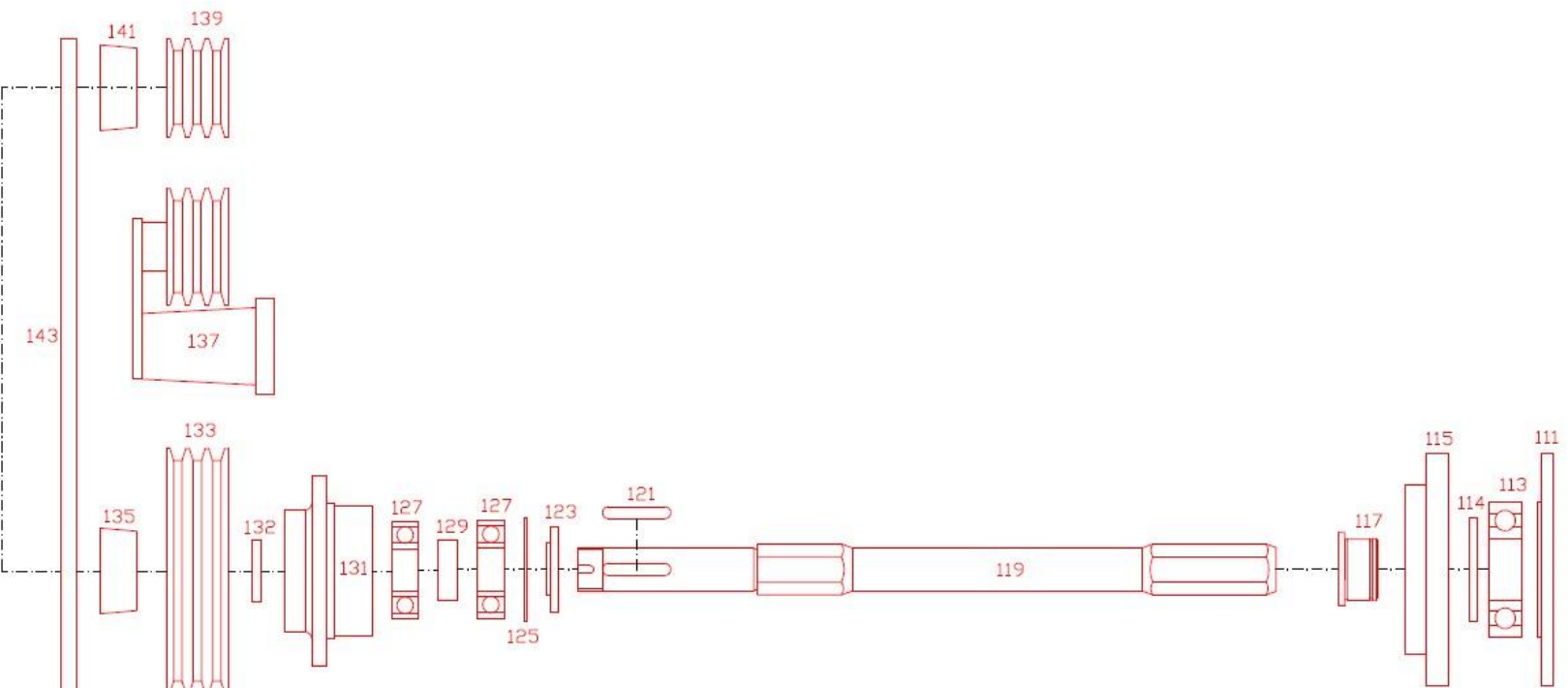
Alternativ doppelte Hinterräder
Option double rear wheels

CT320 MAIN ASSEMBLY – PARTS LIST 1

Item #	Part #	Description	QTY	Remarks
1	8719104000	Drum Housing Complete	1	
3	8719104300	Handle Frame	1	
5	8719104901	Belt Cover rear Plate	1	
7	8755044675	Motor	1	
9	8719104801	Belt Cover	1	
11	8719104202	Motor Bracket	2	
13	8719104100	Side Plate right	1	
15	8719104600	Sealing Slide	2	
16	8780203100	Drive Wheel	2	
17	8790219552	Clamping Ring Drive Shaft	1	
19	8719102001S	Drive Shaft	1	
21	8768854067	40x6x6 mm DIN 6885 Key	2	
23	8768858067	80x6x6 mm Key	1	
25	8750202019	Drive Unit Motor	1	
26	8750202020	Gearbox	1	
27	8780208060	Front Wheel	1	
29	8719100107	Front Wheel Axis	1	
31	8719104701	Bracket Rubber Sealing front/back	2	
35	8770104701H	Rubber Sealing rear	1	
37	8770104701V	Rubber Sealing front	1	
41	8719100409	Rear Wheel Swing	1	
43	8761245030	Bronze Bearing	4	
44	8719100405L	Axis	2	
45	8719100406S	Rear Wheel Axis Inside Cut Pattern	1	
46	8790200053	Ruler	1	
47	8780203160	Wheel	2	
51	8719100802	Motor Mounting	1	
53	8719105410	Level Adjustment	1	
54	8760331225	Pin for lifting Rod	2	
57	8719105420	Lifting Rod lower Part	1	
58	8719100506	Lifting Rod upper Part	1	
59	8719100503	Height Control Piston	1	
61	8719100502C	Height Adjustment Screw	1	
63	8761244046	Bronze Bearing	1	
65	8719100501	Housing Height Adjustment	1	
67	87GN6049510	Clamp Lever	1	
69	8761206302	Bearing	1	
71	8719104401	Handle Frame Cover	1	
73	8770261800	Bracket for Rubber Block	2	

75	8770263000	Rubber Block	7	
76	8719105422	Lever Catch	1	
77	8719104502	Handle with flexible Rubber Block	1	
78	8770212610	Rubber Grip	2	
79	8790219550	Level Adjustment Wheel	1	
81	8790219551	Knob for Handwheel	1	
83	8719104501	Hose Connector	1	
85	8770250250	Dust Hose	2	
91	8719105433	Pipe Lifting Lever	1	
92	87612063063	Flange Bearing	2	
92	87612063063	Flange Bearing	2	
93	8719100507	Spanner Nut	1	
95	8761310055	Eye Screw	1	
96	8761501260L	Eye Screw Left Hand Thread	1	
99	8790214512	Ball Head	1	
150	8719106410	Shaft Front Wheel	1	
152	87612062062	Bearing	1	
153	87612063062	Bearing	1	
154	8719106400	Bearing Housing	1	
156	87GN61310GK	Locking Pin	1	
158	8719106406	Clamping Yoke	1	
160	8719106405	Lid	1	
162	87MS005313	Bowden Cable	1	
164	87XCSPA591	Safety Switch	1	
166	87XCSZ11	Pin Safety Switch	1	
168	8770212410	Safety Strip	1	
401	8780202052	Binding Wheel	4	
403	8719111102	Wheel Hub outside	2	
405	8719111101	Wheel Hub Inside	2	

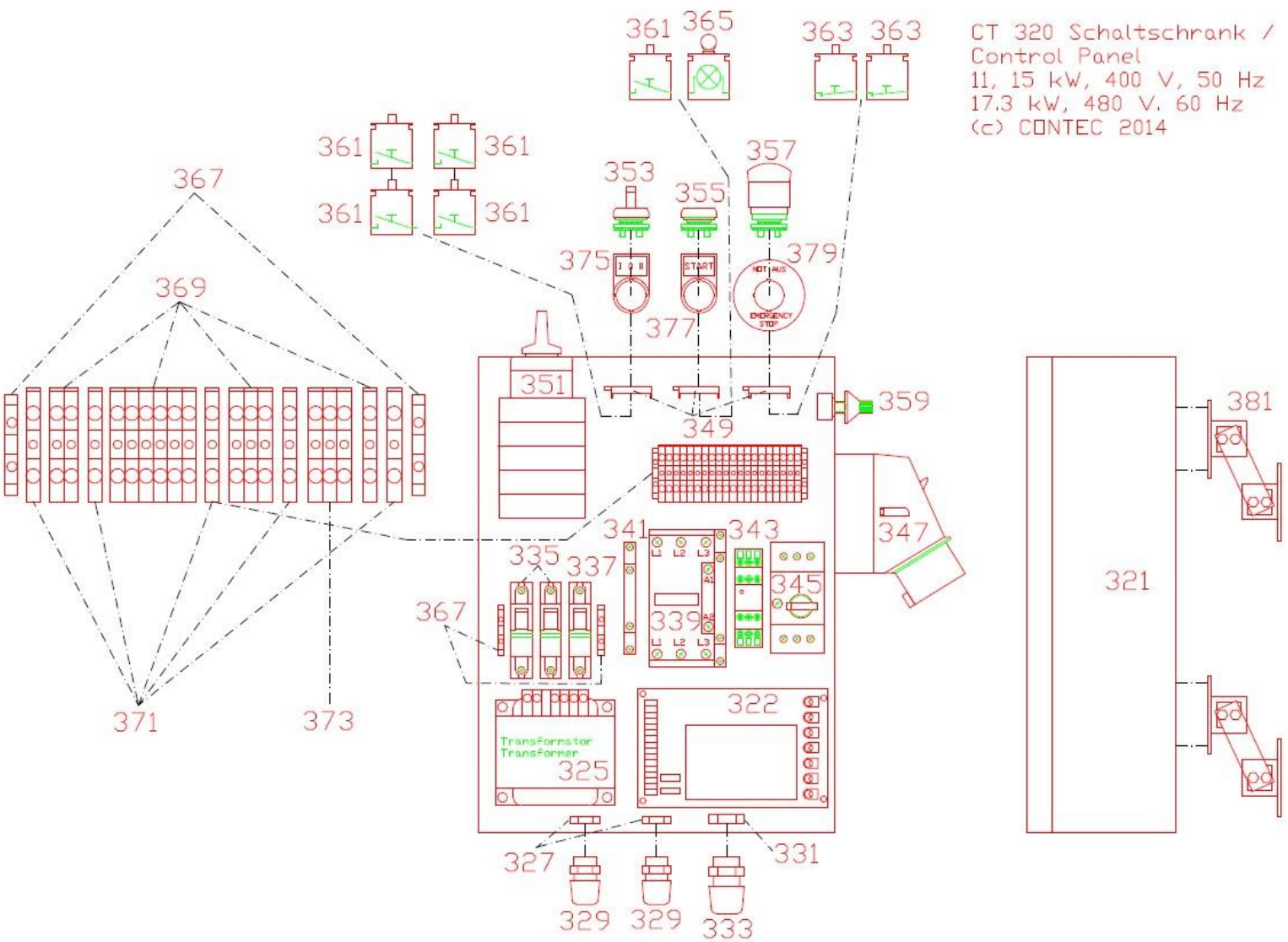
PARTS LIST 2 – CT320 BELT DRIVE AND SHAFT



CT320 BELT DRIVE AND SHAFT – PARTS LIST 2

Item #	Part #	Description	QTY	Remarks
111	8719105002	Bearing Housing Lid	1	
113	876163102RS	Bearing	1	
114	87612050110	Sealing	1	
115	8719105001	Bearing Housing	1	
117	8719211707	Hexagon Ring	1	
119	8719211706	Drum Shaft	1	
121	87688550108	Key	1	
123	8719100701	Spacer	1	
125	8761300180	Circlip	1	
127	87612063072	Bearing	2	
129	8719101703	Spacer	1	
131	8719101701	Bearing Housing	1	
132	87191017037	Spacer	1	
133	8790242003TB	Drum Pulley	1	
135	879024251735	Taper lock	1	
137	8770262790	Belt Tensioner	1	
139	8790241123TB	Pulley	1	
141	879024201242	Taper lock	1	
143	8770241207RP	Belt	3	

PARTS LIST 3 – CT320 CONTROL PANEL

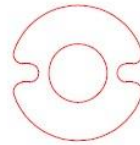
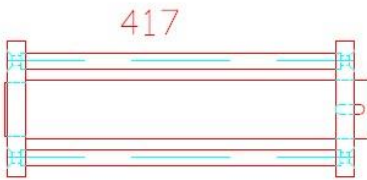
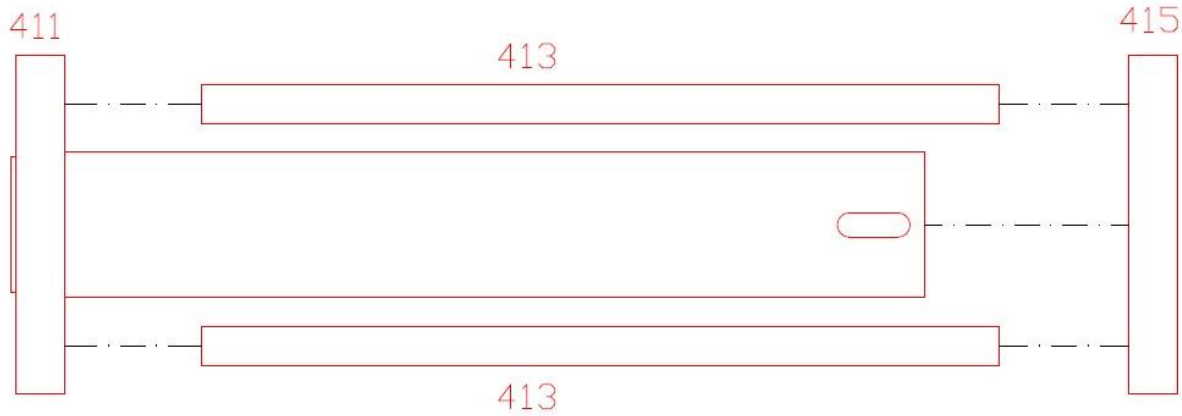


CT320 CONTROL PANEL – PARTS LIST 3

Item #	Part #	Description	QTY	Remarks
321	8750201556	Control Panel	1	
322	8750203015WEG	Drive Circuit	1	
325	8750204001	Transformer	1	
327	87502023GMM2	Nut	2	
329	87502023M20	Cable Gland	2	
331	87502023GMM2	Nut	1	
333	87502023M25	Cable Gland	1	
335	8750203003	Circuit Breaker	2	
337	8750107537	Circuit Breaker	1	
339	8751203104	Main Contactor	1	
341	8750203005SA	Auxiliary Block	1	
341	8750203005SA	Auxiliary Block	1	
343	87502030PF	Phase Guard	1	
345	875110025US	Motor Protective	1	
349	8750202309	Mounting Adapter	3	
351	8751202006	StarDeltaSwitch	1	
353	8750202303	Direction Switch	1	
355	8750202302N	Start Button	1	
357	8750202301	Emergency Switch	1	
359	8750202018	Potentiometer	1	
361	8750203307	Contact Element	5	
363	8750203308	Contact Element	2	
365	87216773	Indicator Light	1	
367	8750111102	Terminal green/yellow	4	
369	8750111104	Terminal beige	12	
371	8750111107	Terminal green/yellow	5	
373	8750111106	Terminal blue	3	
375	8750202005	Label Mount (I O II)	1	
377	8750202006	Label Mount (Start)	1	
379	8750222301	Emergency Switch Label	1	
381	8770261820	Rubber Bracket	3	

PARTS LIST 4 – CT320 DRUM

Diamanttrommel CT 320



Distanzscheibe / Spacer

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

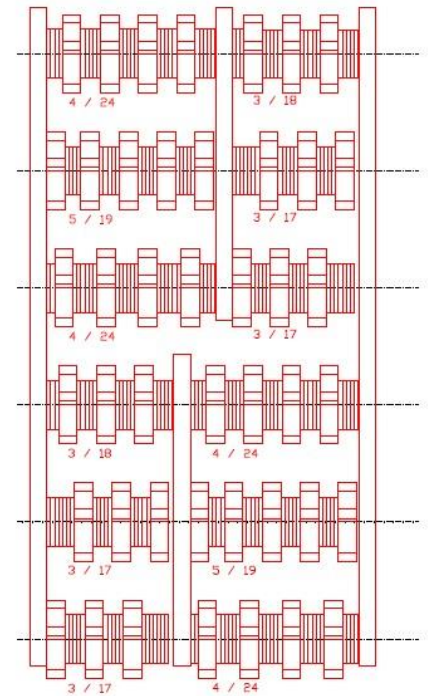
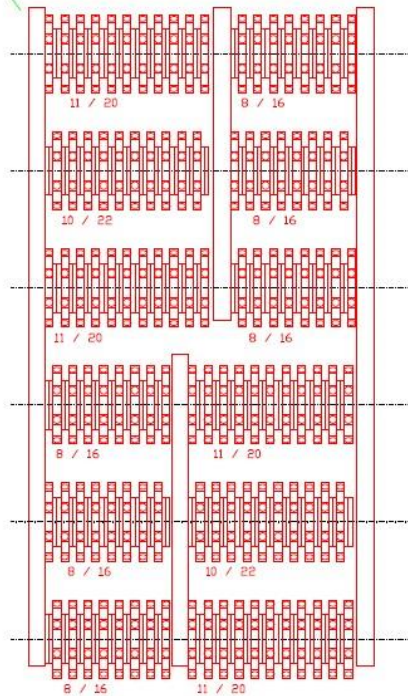
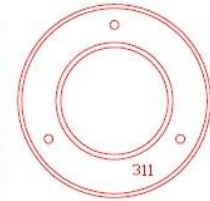
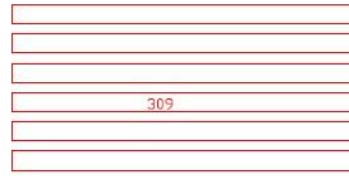
CT320 DRUM – PARTS LIST 4

Item #	Part #	Description	QTY	Remarks
411	8719105525	Drum Shaft with Flange	1	
413	8719105504	Shaft for Diamond Drum	2	
415	8719105503	Flange for Diamond Drum	1	
417	8719105510	Drum for Diamond Blades	1	
419	8719105517	Spacer 1mm for Diamond Drum	1	
421	8719105514	Spacer 2mm for Diamond Drum	1	
423	8719105515	Spacer 3mm for Diamond Drum	1	
425	8719105516	Spacer 5mm for Diamond Drum	1	
427	8719105518	Spacer 8mm for Diamond Drum	1	
429	8719105519	Spacer 10mm for Diamond Drum	1	

PARTS LIST 5 – CT320 DRUM WITH TOOLS

Werkzeuge für CT 320
Tools for CT 320
(c) Contec GmbH 2018

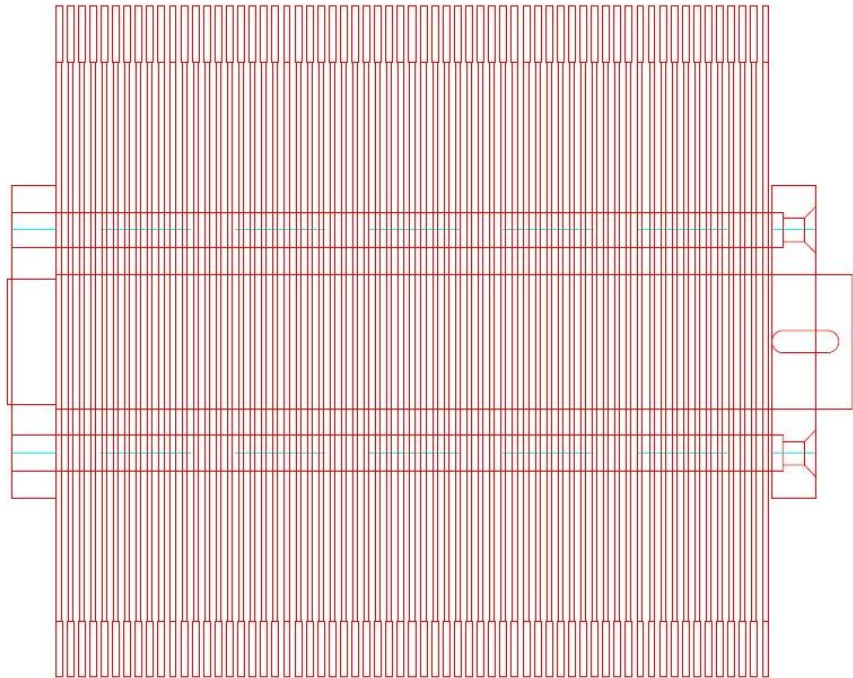
300 Trommel / drum



CT320 DRUM WITH TOOLS – PARTS LIST 5

Part #	Description	QTY	Remarks
879510320T	Drum Only	1	
8795168008	TC Cutters 80 / 8	A/R	
8795162414	Spacer	1	
8795168020	Milling Flails 80/20	A/R	
879510320A	Axis for Drum	6	
879510320S	Drum Side Disc	2	

PARTS LIST 6 – CT320 DRUM WITH BLADES



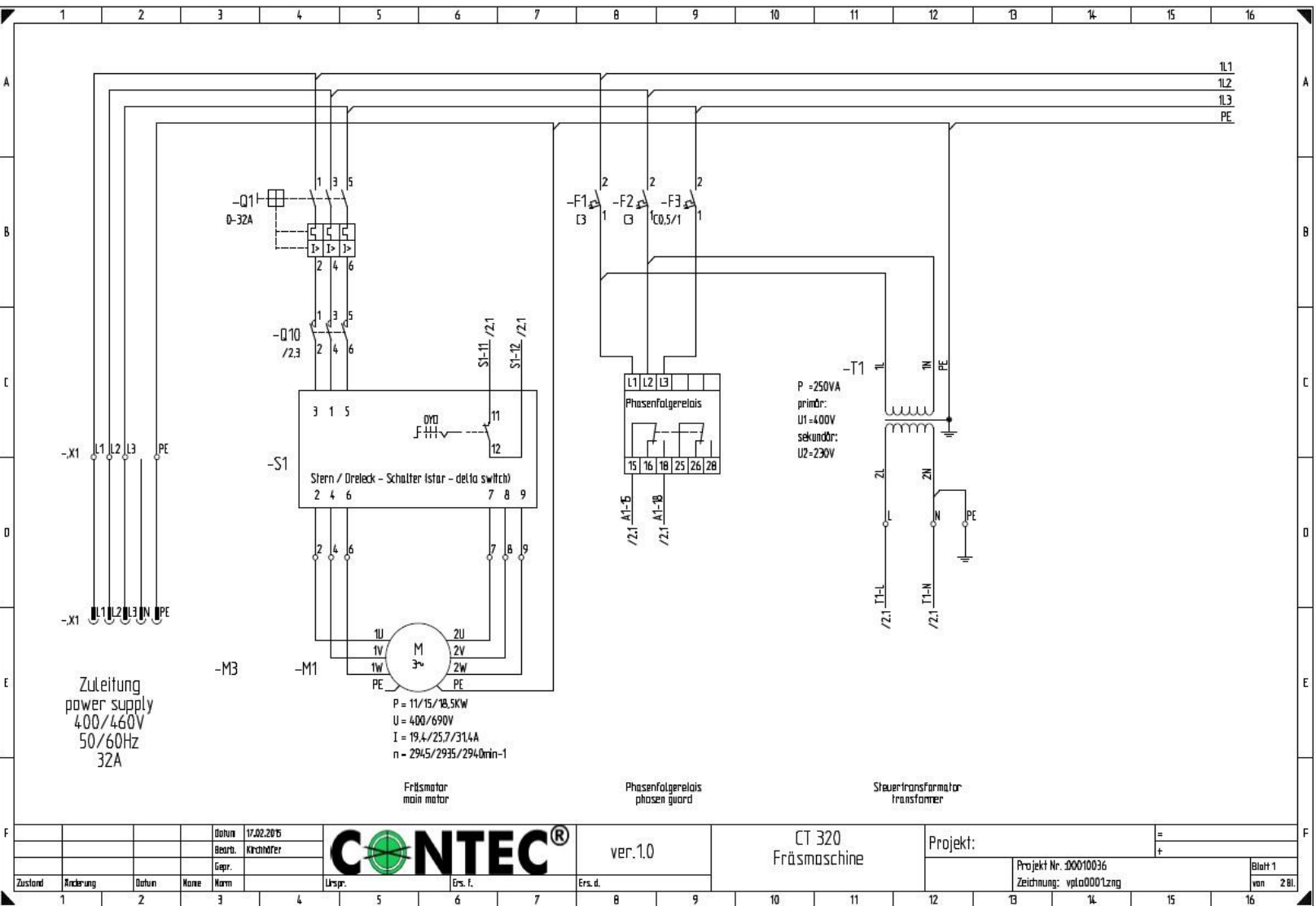
63 Blatt / Blades

(Verwendungsbereich)	(Zul.Assoz.)	(Bear.FL)	MassTab	(Gewicht)
CT320			Verlestoff	RSt 37-2
		(Datum)	(Benennung)	
		Bear. 02.07.11	Trommel Voll	
		Gepn.	mit 3mm Distanz	
		Norm		
		Firma	(Zeichnungsnummer)	Blatt
		CONTEC GmbH		
		37518 Alsdorf		
(Zust. Änderung)	(Datum)	(Name (Urspr.))	(Ers.Fo)	(Ers.du)

CT320 DRUM WITH BLADES – PARTS LIST 6

Item #	Part #	Description	QTY	Remarks
	8719105508	General Surface Diamond Blade (Green)	63 per drum	
	8719105520	Hard Surface Diamond Blade (Red)	63 per drum	
	8719105521	Very Hard Surface Diamond Blade (Silver)	63 per drum	
	8719105515	Spacer 3mm	62 per drum	

ELECTRICAL SCHEMATIC 1 – MAIN MOTOR



ELECTRICAL SCHEMATIC 2 – DRIVE MOTOR

