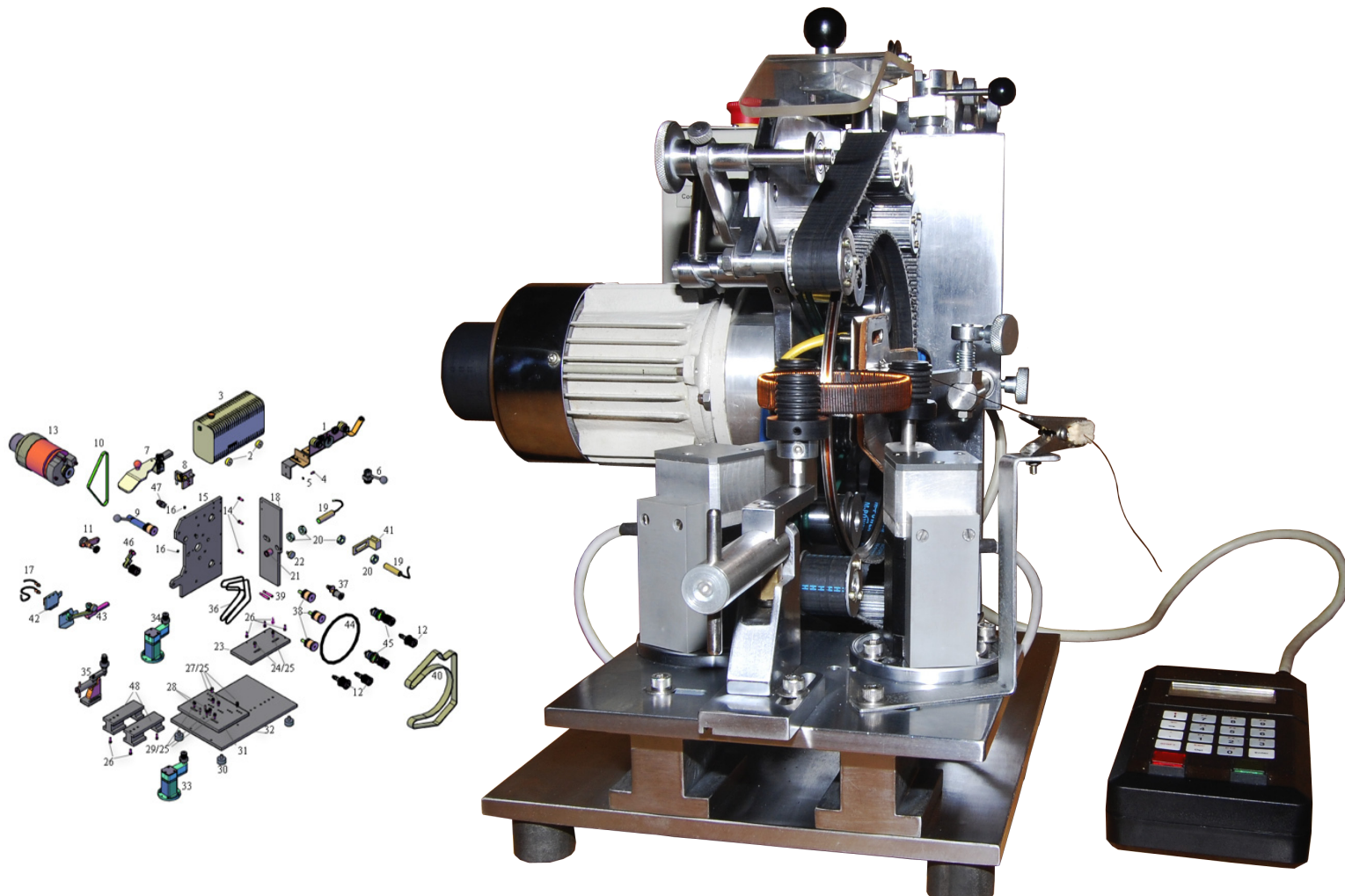


## All Rounder - Toroidal Winding Machine Type TW180SB

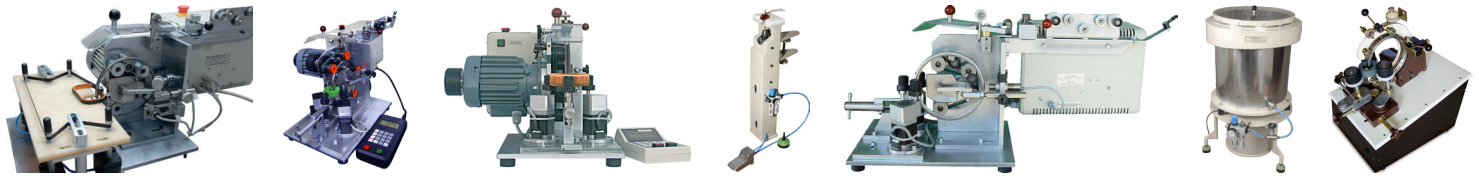
Complete with core rotation, belt or slider magazine and controller  
Special designed for prim./sec. transformers and chokes

Program:	microprocessor controlled
Core OD size:	min. Ø20mm, max. Ø100mm,
Core ID size:	min. Ø7,0mm,
Core height:	max. 40mm
Wire size (slider):	Ø0,085mm to Ø0,75mm, SWG 43½ to 21½ , AWG 39½ to 20½
Wire size (belt):	Ø0,028 mm to Ø1,32mm, SWG 32 to 17½ , AWG 29 to 15½
Magazine diameter:	Ø180mm
Winding speed:	max. 1500 RPM (slider)
Winding speed:	max. 700 RPM (belt)
Power supply:	AC 230/2,4A, 50Hz
Net weight:	40 kg
Construction:	plated steel
Main motor:	three-phase asynchronous motor
Core rotation:	2-step motors
Winding counter:	2pcs optic or 2pcs inductive sensors to count the wire turns 0 tolerance.



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Credo-tech machine selection



Machine typ			TW180 slider winder					TW180 belt winder						
Magazine Type			7-320	7-440	7-560	7-625	7-625+1	7-320B	7-440B	7-560B	7-625B			
Mag. Circumference (Ø mm)			0,578	0,587	0,606	0,61	0,613	0,578	0,587	0,606	0,61			
Mag. Capacity (mm²)			11,1	28,3	52,2	74,6	88,0	10,0	25,5	47,0	67,1			
Tx min. final hole (Ø mm)			9	12	14	17	17	7	9	11	15			
AWG	SWG	Ø mm						Magazine capacity Wire length in meter (m)						
39½	43½	0,085	642											
39	43	0,090	582											
38½	42½	0,095	521											
38	42	0,100	469											
37½	41½	0,106	424	1098	2091									
37 ±¼	41	0,112	380	983	1872									
36½ ±¼	40½	0,118	347	898	1710									
36	40 ±¼	0,125	309	801	1525	2194	2601							
35½	39	0,132	278	719	1369	1969	2335							
35	38½	0,140	251	649	1236	1777	2107							
34½	38	0,150	219	568	1082	1556	1844							
34	27½ ±¼	0,160	194	501	955	1373	1628							
33½	27 ±¼	0,170	170	441	840	1209	1433							
33	36½	0,180	154	399	760	1093	1296							
32½	36	0,190	133	343	654	940	1114							
32	35½	0,200	121	314	598	860	1020							
31½	35	0,212	109	281	536	771	914							
31	34½	0,224	98	254	483	694	823							
30½	34	0,236	89	231	440	633	751							
30	33½	0,250	80	206	392	564	669							
29½ ±¼	32½	0,265	72	186	354	509	604							
29 ±¼	32 ±¼	0,280	65	167	319	459	544	58						
28½	31 ±¼	0,300	57	147	280	403	478	51	133	252				
27	30	0,315	52	134	255	367	435	47	121	230				
27½	29½	0,335	46	119	226	325	386	41	107	204				
27	29 ±¼	0,355	41	106	203	292	346	37	96	183				
26½	28	0,375	37	96	183	263	312	33	87	165				
26	27½	0,400	33	85	162	233	276	30	77	146				
25½	27 ±¼	0,425	29	76	145	208	247	26	68	130				
25	26	0,450	26	68	129	186	220	24	61	116				
24½	25½ ±¼	0,475		61	116	167	198	21	55	105				
24 ±¼	25	0,500		55	105	152	180	19	50	95				
23½ ±¼	24½	0,530		49	94	135	160	17	44	85				
23 ±¼	24	0,560		45	85	122	145	15	40	76				
22½	23 ±¼	0,600		39	74	106	126	14	35	67				
22 ±¼	22 ±¼	0,630		36	68	97	115	12	32	61				
21½ ±¼	22½ ±¼	0,670		32	60	86	102	11	28	54				
21 ±¼	22	0,710		28	54	77	92	9,8	25	48				
20½ ±¼	21½ ±¼	0,750				70	83	8,8	23	44				
20	21	0,800						7,8	20	38				
19½	2½	0,850							18	34				
19	20	0,900							16	30				
18½	19½	0,950							14	28				
18	19	1,000								25				
17½	19¼	1,060								22				
17	18½	1,120								20				
16½ ±¼	18¼	1,180								18				
16	18	1,250												
15½	17½	1,320												

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