

Toroidal Winding Machine TW 440

Complete with core rotation, gear rack magazine head and controller

Special designed for prim. & sec winding large toroidal coils

Program: microprocessor controlled

Core size: min. \varnothing 90 mm, max. \varnothing 350 mm,

Core height: max. 150 mm

Wire size: \varnothing 0,4 mm to \varnothing 3,0 mm, AWG 7 to 26

Magazine diameter: 340 \varnothing mm

Winding speed: 140 RPM

Power: AC 230 / 50 Hz

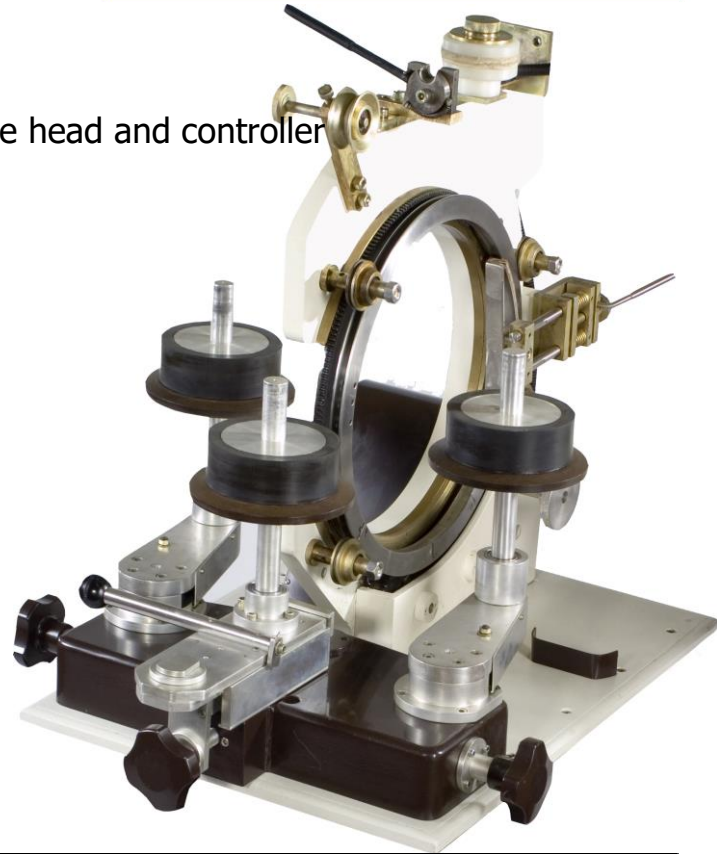
Net weight: 120 kg

Construction: steel frame and aluminium

Main motor: three-phase asynchronous motor

Core rotation: 4 phase step motor

Winding counter: inductive sensor



Machine type			TW440 gear rack winder													
Magazine Type			TW440-35	TW44-40	TW440-45	TW440-50	TW440-60	TW440-65	TW440-70	TW440-80	TW440-90	TW440-100	TW440-120	TW440-150		
Mag. Circumference (m)			1,07	1,08	1,085	1,085	1,09	1,09	1,095	1,095	1,1	1,1	1,1	1,11		
Mag. Capacity (mm ²)			50,0	75,0	112,0	150,0	185,0	230,0	260,0	370,0	445,0	590,0	820,0	1420,0		
Tx min. final hole (\varnothing mm)			35	40	45	50	60	65	70	80	90	120	140	170		
AWG	SWG	\varnothing mm														
26	27½	0,400	274	415	622	833	1032	1284	1458	2074	2506	Magazine capacity				
25½	27 ±¼	0,425	244	370	555	744	922	1146	1301	1852	2237					
25	26	0,450	218	330	496	664	823	1023	1162	1653	1997	Magazine capacity				
24½	25½ ±¼	0,475	196	297	446	597	740	920	1045	1487	1796				2382	
24 ±¼	25	0,500	178	270	405	542	671	835	948	1349	1630	2161	3004	Magazine capacity		
23½ ±¼	24½	0,530	159	241	361	483	599	745	846	1203	1454	1928	2679			
23 ±¼	24	0,560	143	217	326	436	540	672	763	1086	1312	1739	2417	4224		
22½	23 ±¼	0,600	125	190	284	381	472	587	666	948	1145	1519	2111	3688		
22 ±¼	22 ±¼	0,630	114	173	260	348	432	536	609	867	1048	1389	1930	3373		
21½ ±¼	22½ ±¼	0,670	102	154	231	309	383	476	541	770	930	1233	1714	2995		
21 ±¼	22	0,710	91	138	207	277	343	426	484	689	832	1103	1533	2680		
20½ ±¼	21½ ±¼	0,750	82	124	186	249	309	384	436	620	749	993	1380	2412		
20	21	0,800	72	109	164	220	272	338	384	547	661	876	1218	2128		
19½	2½	0,850	64	97	146	195	242	301	342	486	587	779	1082	1891		
19	20	0,900	57	87	130	174	216	268	305	434	524	694	965	1687		
18½	19½	0,950	52	78	118	157	195	242	275	392	473	628	872	1524		
18	19	1,000	47	71	107	143	177	220	250	355	429	569	791	1382		
17½	19¼	1,060	42	63	95	127	158	196	223	317	383	508	706	1234		
17	18½	1,120	38	57	86	115	142	176	200	285	345	457	635	1110		
16½ ±¼	18¾	1,180	34	52	77	104	128	159	181	258	311	413	574	1002		
16	18	1,250	30	46	69	93	115	143	162	231	279	370	514	898		
15½	17½	1,320	27	41	62	83	103	128	146	207	251	332	462	807		
15¼	17	1,400	24	37	56	74	92	115	130	185	224	297	412	720		
14½ ±¼	16½	1,500	21	32	49	65	81	100	114	162	196	260	361	630		
14	16	1,600		29	43	57	71	88	100	143	173	229	318	556		
13½	15½	1,700		25	38	51	63	79	89	127	154	204	283	495		
13	15	1,800		23	34	46	57	70	80	114	138	182	253	443		
12½	14½	1,900		20	31	41	51	63	72	103	124	164	228	399		
12	14	2,000		18	28	37	46	57	65	92	112	148	206	359		
11½	13½	2,120		17	25	33	41	51	58	83	100	132	184	322		
11 ±¼	13 ±¼	2,240		15	22	30	37	46	52	74	90	119	165	288		
10½ ±¼	13	2,360		13	20	27	33	41	47	67	81	107	149	260		
10½	12½	2,500		12	18	24	30	37	42	60	72	96	133	233		
10	12	2,650		10,7	16	21	27	33	38	53	65	86	119	208		
9½	11½	2,800		9,6	14	19	24	30	34	48	58	77	106	186		
8½ ±¼	10½ ±¼	3,000			13	17	21	26	29	42	50	67	93	162		
8½	10¼	3,150			11,4	15	19	24	27	38	46	61	85	148		
7½ ±¼	9½ ±¼	3,350				14	17	21	24	34	41	54	75	131		