



履带起重机系列产品型谱参数表
SWTC 5/5C/16B/26/35B/55B/75B
Technical Data of SWTC Crawler Crane

参 数 Parameters			型 号 Type	SWTC 5	SWTC 5C	SWTC 16B	SWTC 26	SWTC 35B	SWTC 55B	SWTC 75B
尺寸参数 Size	外形尺寸(长×宽×高) Size (L×W×H)		mm	5130×2320×2795	5130×2320×2795	12200×2800×3120	12870×2900×3190	13390×3300×3090	13960×3300×3280	14400×3300×3390
	A	主，从动轮中心距 Track base	mm	2335	2335	3820	3945	4865	5300	5300
	B	履带长度 Crawler length	mm	2915	2915	4580	4610	5720	6200	6200
	C	平台离地高度 Ground clearance of platform	mm	751	751	1192	1185	1150	1230	1280
	D	平台尾端回转半径 Tail swing radius	mm	1471	1471	3540	3675	4200	4535	4745
	E	底盘宽度 Chassis width	mm	2320	2320	2800/3600	2900/3950	3300/4560	3300/4960	3300/4960
	F	履带宽度 Track width	mm	450	450	700	700	760	760	760
	G	最小离地间隙 Min. ground clearance	mm	343	343	458	460	392	400	250
	J	履带高度 Track height	mm	650	650	985	990	980	980	1005
	K	操作室顶端离地高度 The top of the operating room is off the ground	mm	2795	2795	3120	3190	3090	3280	3120
主要性能参数 Parameters	最大额定起重量 Max. lifting load		t	5	5	16	26	35	55	75
	基本臂最大起重力矩 Max. torque of basic boom		t.m	10.5	10.5	61.2	98	135	193	256.5
	全伸臂最大起重力矩 Max. lifting force of full extending boom		t.m	6	6	30.6	45	63	73.2	124.9
	基本臂长度 Length of basic boom		m	4.63	4.63	10	10.6	10.8	11.5	11.8
	最长主臂长度 Longest arm length		m	15.63	15.63	31.3	33.1	40	43.5	44.2
	基本臂最大起升高度 Max. lifting height of the basic arm		m	5.3	5.3	10.1	10.5	10.6	11.6	11.2
	最长主臂最大起升高度 Max. lifting height of the longest arm		m	16.13	16.13	31.5	33	39.6	43.8	43.6
作业性能参数 Work Parameters	起重臂变幅时间（起/落） Boom rising / descending time		s	11/9	11/9	40/35	48/46	46/60	70/55	88/57
	起重臂伸缩时间（伸/缩） Boom extending / retracting time		s	23/39	23/39	50/40	60/55	80/125	106/100	90/85
	回转速度 Slewing speed		rpm	3	3	2.5	2.2	1.5	1.3	1.5
	卷扬单绳速度 Max. line speed		m/min	110	110	140	125	125	130	125
	行走速度 Traveling speed		km/h	3.8	3.8	4	2.5	2.5	2.1	2.1
	微动行走速度 Micro-traveling speed		km/h	0.25	0.25	2.4	1.25	1.5	1.4	1.4
整机重量 Total weight			t	10.91	10.91	28.5	34.6	46.3	58	68.3
最大爬坡度 Max. gradeability			%	36.4	36.4	40	40	40	40	40
接地比压 Ground pressure			MPa	0.051	0.051	0.053	0.062	0.076	0.089	0.082
发动机 Engine	品牌 Brand			YANMAR		Cummins	Cummins	Cummins	Cummins	Cummins
	型号 Model			4TNV98-ZSSU	4TNV98C-SSU	QSB5.9-C180	QSB6.7-C190	QSB6.7-C215	QSB6.7-C215	QSB6.7-C260
	形式 Operation type			水冷/涡轮增压 water cooled / turbol		涡轮增压& 空空中冷 turbol / air-air intercooler	水冷/中冷/涡轮增压 water cooled / intercooler / turbol		涡轮增压& 空空中冷 turbol / air-air intercooler	水冷/中冷/ 涡轮增压 water cooled / intercooler / turbol
	排量 Displacement		L	3.319	3.319	5.9	6.7	6.7	6.7	6.7
	功率/转速 Power / Speed		km/rpm	43.4/2200	46.2/2200	132/2200	142/2200	158/2000	158/2000	194/2200
	燃油箱容量 Full tank capacity			L	125	125	330	450	540	430

SWTC 5/5C 起重机额定总起重量表 (kg)
SWTC 5/5C rated lifting weight parameter table (kg)

工作幅度 (m) Working range (m)	主臂臂长(m) Main boom length (m)									
	4.63		7.38		10.13		12.88		15.63	
	静止起升 Static lifting	带载行走 Travelling with load	静止起升 Static lifting	带载行走 Travelling with load	静止起升 Static lifting	带载行走 Travelling with load	静止起升 Static lifting	带载行走 Travelling with load	静止起升 Static lifting	带载行走 Travelling with load
2.1	5000	2000	5000	2000	2600	1300	2000	不允许带载行走 Travelling with load is not permitted		不允许带载行走 Travelling with load is not permitted
2.5	3800	1900	3800	1900	2600	1300	2000		1400	
3.0	3000	1500	3000	1500	2350	1175	2000		1400	
3.5	2300	1150	2300	1150	2050	1025	1900		1400	
4.0			2000	1000	1750	875	1650		1400	
4.5			1700	850	1550	775	1450		1320	
5.0			1400	700	1350	675	1300		1200	
6.0			1000	500	980	525	950		900	
7.0					780	390	750		700	
8.0					580	290	550		520	
9.0					410	205	400		380	
10.0							380		350	
11.0							320		300	
12.0									280	
13.0									220	
14.0								200		
14.53								200		
倍率 Magnification	4		4		3		2		2	
起重钩重量 Lifting hook weight	70kg									

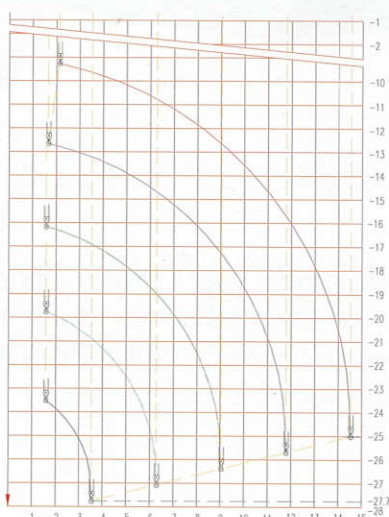
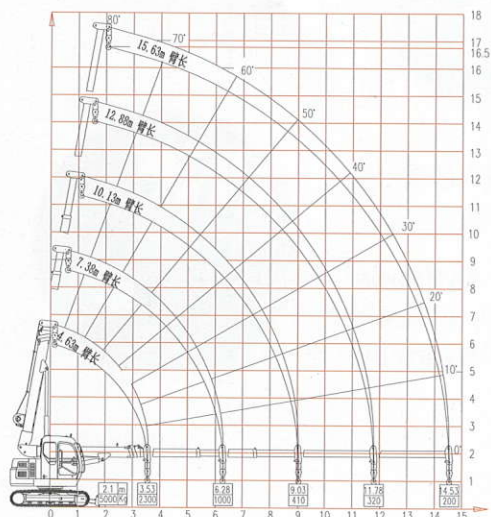
注：

- 1、表中给定数值是在地面坚实、平整状态下，起重机的额定起重量，包括吊钩的重量。
- 2、实际起重量为上表所示额定起重量减去吊钩等吊具的重量。
- 3、表中工作幅度是指吊载后的实际幅度。
- 4、整机应水平，工作坡度应不大于5%。行走速度不大于最低速度。

Notes:

1. Rated lifting weight values shown in the table are based on firm and hard ground, it including lifting hook' weight.
2. The actual lifting weight refers to the rated lifting weight in the above table minus the weight of the hook.
3. Working radius is the actual amplitude after lifting.
4. The whole machine should be horizontal. The working grade is not more than 5%. Travel speed is not grater than minimum speed.

SWTC5/SWTC5C 起重机起升高度和工作幅度 SWTC5C lifting height and working range



注：

本图中的机器为无载荷状态，不考虑吊臂挠度。使用2倍率吊钩时最大地下起吊深度56m。

Notes: In this diagram, the machine doesn't carry load, and ignoring deflection of the boom. When using a 2-rates hook, the maximum underground lifting depth is 183.7 ft.