

QUY80A

液压履带式起重机

HYDRAULIC CRAWLER CRANE



抚顺挖掘机制造有限责任公司

FUSHUN EXCAVATOR CORPORATION LTD.

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液压履带式起重机

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- QUY80A液压履带式起重机是我公司在吸收国外同类机型先进技术基础上，结合市场需求而开发的新产品。
- QUY80A液压履带式起重机在技术性能、工作效率、安全控制及外观设计上都有新的创新。广泛适用于冶金、石油、交通、港口、能源、钢铁、化工等部门，进行起重、安装和转运物资等
- QUY80A Hydraulic Crawler Crane is the latest product of our factory. It is designed on the basis of adopting the advanced technology of the same type of machines and correspond to the demands of the construction machinery market.
- The novel design is used in technical performance, working efficiency, safety control and appearance. QUY80A Hydraulic Crawler Crane is widely used in various application filed such as metallurgy industry, oil industry, transportation, port and energy to accomplish all kinds of operation such as lifting, installation and material handling tasks.

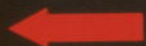


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功能简介

Function brief introduction

- 该机的设计囊括了原有系列液压履带起重机的先进技术。发动机采用世界顶级产品美国康明斯电控柴油机。负荷传感液压系统控制手柄采用先导操纵，微调性能好，精确度高。卷筒内装有行星式减速机。该机具有高速下放功能，并配备了载荷预警装置。力矩限制器采用了大屏幕液晶显示系统，使全部作业相关参数一目了然。机体外观设计采用了半封闭式机罩，既美观又便于机械的维护。



- The design of the machine keeps the high technology of the prior hydraulic crawler cranes. The components are selected with optimized level. The top engine of the world, Cummins electric control engine which made in USA, is equipped on this machine. The load sensing hydraulic system is equipped with pilot control. It can realize precision control performance. Planetary gear reducers are installed in the winches. The machine has load pre-warning device and the function of high speed lowering. All operating parameters are clear at a glance due to the adoption of the large LCD of Rated Load Capacity Indicator. It realizes the digital displaying of operation. The machine is half-shield. It makes the machine fine appearance and easy to access for maintenance.



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操作舒适

Comfortable operation

- 提供美观和舒适的工作空间。
- 扩大了前方视野。
- 采用了扶手椅式控制手柄，能够以舒适的姿势进行操作。
- 配置了冷暖空调装置，使司机能够在舒适温度下工作。
- Provide handsome and comfortable working space.
- Large front view.
- The control lever is arm chair type. It will provide comfortable operation posture.
- The cab is equipped with air conditioner. The operator can work at suitable temperature.





技术参数

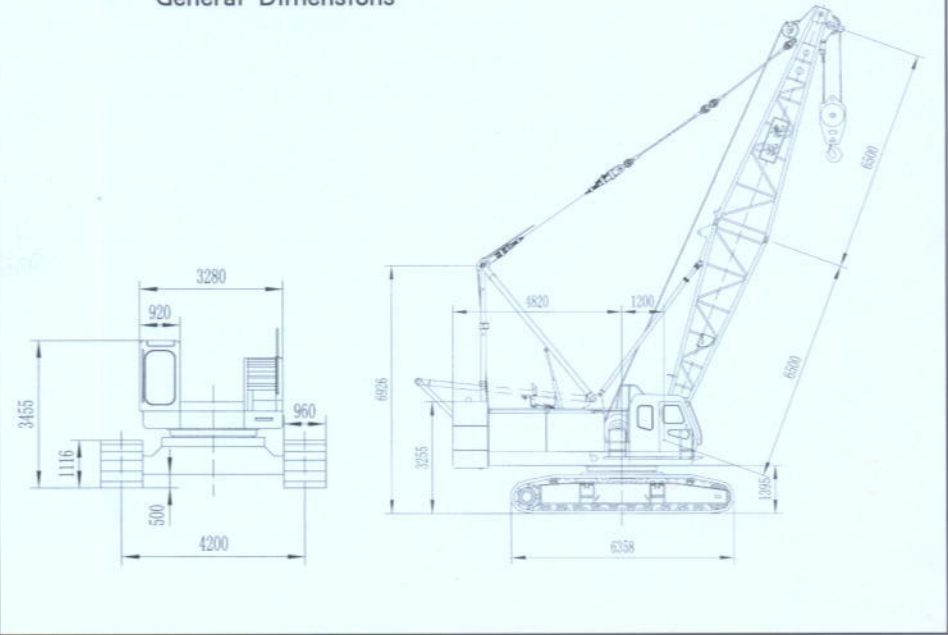
Specifications

QUY80A 主要技术参数 Technical Data

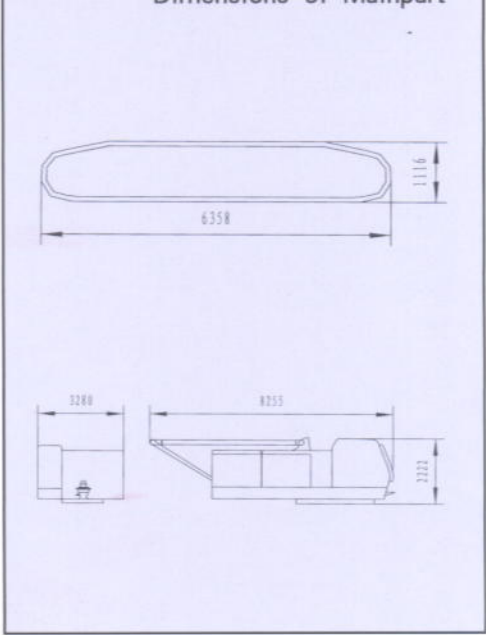
项 目 Item	数值 Data	单位 Unit	项 目 Item	数值 Data	单位 Unit
最大起重量 Max. Machine weight	80	t	起重力矩 Lifting Torque	320	t-m
主臂长度 Length of Main Boom	13~58	m	回转速度 Swing Speed	高(H)3 低(L)1.4	Min ⁻¹
主臂加副臂最大长度 Length of Main Boom+Fly Jib	49+18	m	行走速度 Travel Speed	1.3/0.9	km/h
			爬坡能力 Gradeability	30	%
起重臂变幅角度 Boom Hoist Angle	30~80	°	柴油机额定输出功率 Engine Output	209/2000	QSL9 KW/Min ⁻¹
提升钢绳速度※ Hook Hoisting Speed	高(H)116/58 低(L) 80/40	m/min	主提升倍率 Main Hoisting line parts	10	
下降钢绳速度※ Hook Lowering Speed	高(H)116/58 低(L) 80/40	m/min	接地比压 Ground Pressure	0.076	Mpa
起重臂上升钢绳速度※ Boom Hoisting Speed	※ 54	m/min	整机质量 Max. Machine weight	79	t
起重臂下降钢绳速度※ Boom Lowering Speed	※ 54	m/min	配重质量 Counter Weight	24	t

注：※速度随机载不同而变化

QUY80A 起重机主要外形尺寸图
General Dimensions



QUY80A 主机解体后的尺寸
Dimensions of Mainpart



QY80A 起重机主臂起重性能表 (倾覆载荷: 78%) Load Chart of QY80A with Standart Boom Configuration

单位 Unit: t

主臂长度 (M) Boom length 作业半径 (M) Working radius		13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58
4.0	80.00																
4.5	74.00	73.90	(5.15m)														4.5
5.0	64.50	64.39	61.01	(5.77m)													5.0
5.5	55.06	54.94	54.86	54.79	(6.40m)												5.5
6.0	47.72	47.59	48.51	47.44	47.31												6.0
6.5	42.72	42.58	42.50	42.42	42.28												6.5
7.0	38.18	38.04	37.95	37.87	37.73	(7.65m)	37.65										7.0
7.5	34.49	34.35	34.26	34.18	34.03	33.95	33.89	(8.27m)									7.5
8.0	31.44	31.29	31.20	31.12	30.97	30.88	30.80	29.21	(8.89m)								8.0
8.5	28.87	28.72	28.63	28.54	28.40	28.31	28.22	28.07	26.23	(9.52m)							8.5
9.0	26.68	26.53	26.44	26.35	26.20	26.11	26.02	25.87	25.78	23.71	(10.14m)						9.0
10.0	23.13	22.98	22.89	22.80	22.64	22.55	22.46	22.31	22.21	22.12	21.54	19.72	(11.38m)				10.0
11.0	20.39	20.24	20.14	20.05	19.90	19.80	19.71	19.55	19.46	19.37	19.21	19.11	18.13	(12.64m)			11.0
12.0	18.21	18.05	17.86	17.86	17.71	17.61	17.52	17.36	17.26	17.17	17.01	16.92	16.82	16.67	15.38	(13.26m)	12.0
13.0	16.43	16.27	16.18	16.08	15.92	15.82	15.73	15.57	15.47	15.38	15.22	15.12	15.03	14.87	14.77	14.20	13.0
14.0	(12.46m)	14.79	14.69	14.60	14.44	14.34	14.25	14.09	13.99	13.89	13.73	13.64	13.54	13.38	13.28	13.12	14.0
15.0		13.34	13.25	13.15	12.9	12.89	12.80	12.64	12.54	12.45	12.29	12.19	12.10	11.94	11.84	11.68	15.0
16.0			12.19	12.10	11.94	11.84	11.75	11.59	11.49	11.39	11.23	11.13	11.04	10.88	10.78	10.62	16.0
18.0			10.75	10.39	10.23	10.13	10.04	9.87	9.78	9.68	9.52	9.42	9.32	9.16	9.06	8.90	18.0
20.0			(17.65m)	8.93	8.77	8.67	8.58	8.42	8.32	8.22	8.06	7.97	7.87	7.71	7.61	7.45	20.0
22.0				8.79	7.73	7.63	7.54	7.37	7.27	7.18	7.02	6.92	6.83	6.66	6.56	6.40	22.0
24.0				(20.25m)	7.35	6.78	6.68	6.52	6.42	6.33	6.16	6.07	5.97	5.81	5.71	5.55	24.0
26.0					(22.85m)	6.06	5.79	5.63	5.54	5.44	5.28	5.19	5.10	4.94	4.84	4.68	26.0
28.0						(25.45m)	5.21	5.05	4.96	4.86	4.70	4.61	4.51	4.36	4.26	4.10	28.0
30.0								4.56	4.46	4.37	4.20	4.11	4.02	3.86	3.76	3.60	30.0
32.0								4.2	3.84	3.75	3.59	3.50	3.41	3.26	3.17	3.02	32.0
34.0								(30.64m)	3.61	3.39	3.23	3.14	3.05	2.90	2.81	2.66	34.0
36.0										2.99	2.82	2.73	2.65	2.50	2.41	2.26	36.0
38.0										(35.84m)	2.55	2.46	2.37	2.23	2.14	1.99	38.0

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技术参数如有更改恕不另行通知

Specifications may vary without prior notice