

QUY500

HYDRAULIC CRAWLER CRANE

Product characteristics shown as below

- Advanced adjustable derricking superlift function and control
- Use of 80kg grade high-strength steel plate to ensure the power/weight ratio of the whole crane
- Advanced cylinder superlift system and dynamic moment limiter
- Modularization design and failure diagnosis function
- Full working conditions and equipped with special wind-electricity installation working conditions
- The unique lattice structure design makes boom weight is light, bear rust and long service life.



FUWA HEAVY INDUSTRY CO.,LTD.

Technical Data

Descriptions		Data
Non-superlift	Main boom	Max. rated lifting capacity (t) Length (m)
		400t × 7m(42m Length) 24 ~ 84
	Heavy-light main boom combination	Max. rated lifting capacity (t) Length (m)
		225.7t × 9m 42 ~ 108
	Heavy-light boom combination + runner	Max. rated lifting capacity (t) Length (m)
		82t × 20m 42 ~ 108
	Luffing jib	Max. rated lifting capacity (t) Main boom length (m) Luffing jib length (m)
		187.5t × 14m 30 ~ 72 24 ~ 72
	Fly jib	Max. rated lifting capacity (t) Main boom length (m) Fly jib length (m)
		107t 78 ~ 84 12
Superlift	Superlift mast	Length (m) Swing radius (m)
		30 10.5、12.5、14.5、16.5
	Superlift counterweight	Weight (t) Swing radius (m)
		0、50、100、150、200、250 10、12、14、16
	Main boom + superlift mast	Max. rated lifting capacity (t) Length (m)
		376.1t × 8m 36 ~ 84
	Main boom + superlift mast + superlift counterweight	Max. rated lifting capacity (t) Length
		500 × 8m 36 ~ 84
	Heavy-light main boom combination + superlift mast + superlift counterweight	Max. rated lifting capacity (t) Length (m)
		210 × 10 78 ~ 114
	Luffing jib + superlift mast	Max. rated lifting capacity (t) Main boom length (m) Fly jib length (m)
		110.5 × 16m 36 ~ 84 24 ~ 84
	Luffing jib + superlift mast + superlift counterweight	Max. rated Lifting capacity (t) Main Boom length (m) Fly jib length (m)
		228t × 16m 36 ~ 84 24 ~ 84
	Superlift fly jib + superlift mast	Max. rated lifting capacity (t) Main boom length (m) Fly jib length (m)
		118 78 ~ 90 12
Hook blocks (optional)		15/50/100/150/500
Working capacity	Main/aux. hoist speed	0 ~ 130
	Main derricking speed	(0 ~ 50) × 2
	Luffing jib derricking speed	0 ~ 110
	Superlift derricking speed	0 ~ 120
	Swing speed	0 ~ 1.17
	Travel speed	0 ~ 1
Gradeability		30%(17°)
Crane mass (with 24m main boom weight)		381.7
Main boom derricking angle(°)		30 ~ 85
Ground bearing pressure		0.14
Luffing jib + main boom derricking angle(°)		65、75、85
Luffing jib derricking angle(°)		15 between max. angle elevation and main included angle 30 between minimum elevation and ground included angle
Max. lifting torque		6240 (With superlift device)
Overall dimension (L x W x H)(mm)		14790 × 9300 × 5400
Engine	Model	QSM11 imported Cummins electrical diesel engine
	Power (KW)	336
	Revolution (rpm)	2100

Note: * speed may vary with the load.