

FWX55

HYDRAULIC CRAWLER CRANE



FUWA HEAVY INDUSTRY CO.,LTD.

Product characteristics shown as below

- Modular design for optimized performance and efficient maintenance by innovative layout of hydraulic and electric system.
- Most powerful lifting capacity as result of engineered machine balance, max. lifting torque 210tm.
- High-grade steel boom and machine structures, thoroughly engineered and analyzed.
- Enhanced safety features combined moment limiter with machine diagnostics and solid electric compartment for fast checking and maintenance.
- Optional link-type undercarriage for safe and smoother travel with load and extended lift-time.
- Oversized high performance winches with 22mm wire rope with optional free fall function for special applications.
- Multi-configuration and options to serve various markets and to meet different requirements.
- Lift-cab; high ergonomics confort cab, 20% more vision by flat easy maintenance windows, 20% larger door entrance

Technical Data

Items	Unit	Data	
Max.rated lifting capacity	t	55@3.6m	
Main boom length	t	13 ~ 52	
Fly jib length	m	9 ~ 15	
Main boom+ Fly jib max.length	m	43+15	
Boom derricking angle	°	30 ~ 80	
Hook blocks (optional)	t	55/25/9	
Working speed	Line speed		
	Main winch hoist/lower (rope dia. Φ 22mm)	m/min	110
	Aux.winch hoist/lower(rope dia. Φ 22mm)	m/min	110
	Boom hoist/lower(rope dia. Φ 18mm)	m/min	60
	Swing speed	r/min	3.1
Travel speed	km/h	1.33	
Reevings		8	
Single line pull	t	7	
Gradeability	%	30	
Engine	kW/r/min	142/2000 (export) 132/2000 (domestic)	
Swing radius	mm	4000	
Transport dimension	mm	12290 × 3260 × 3190	
Crane mass (with basic boom, 55t hook)	t	52.8	
Ground bearing pressure	MPa	0.062	
Counterweight	t	18.5	

Note: * speed may vary with the load.