

FWX135

HYDRAULIC CRAWLER CRANE



Product characteristics shown as below

- Modular design for optimized performance and efficient maintenance by innovative layout of hydraulic and electric system.
- High-grade steel boom and machine structures thoroughly engineered and analyzed.
- High performance winches with 22 or 26mm wire rope and optional free fall functions for special applications.
- Lift-cab; high ergonomics comfort cab, 20% more vision by flat easy maintenance windows, 20% larger door entrance
- Self-assembly devices for safe and efficient assembly of track frames, counterweights and boom foot.
- Jack-up cylinders in drop and jack-up style for safe lifting the base machine.
- Powerful traction and good stability when traveling, even with 100% load
- Logic organized control consoles, with enhanced monitor display, lightning strike protected, GPS locator.
- Enhanced moment limiter system with multi-function display including machine diagnostics.
- A solid state-of-art electronic compartment hosts all electric functions in a fix setup for fast checking and maintenance.
- Excellent transport possibilities of the main structure with a width of just 3 meters
- Main boom inserts of 3m, 6m and 11.6m allow containerized transport.
- Multi-configuration and options to serve various markets and applications to meet different requirements.

Technical Data

Items	Unit	Data	
Max. rated lifting capacity	t	135@5m	
Main boom length	m	18-75	
Fly jib length	m	13-31	
Main boom+ Fly jib max.length	m	63+31	
Main boom+ Luffing jib max.length	m	48.5+49	
Boom derricking angle	°	30-86	
Hook blocks (optional)	t	135/85/25/12.5	
Working speed	Rope speed		
	Main winch hoist, lower (rope dia. Φ26mm)	m/min	120
	Aux. winch hoist, lower (rope dia. Φ26mm)	m/min	120
	Boom hoist, lower (rope dia. Φ22mm)	m/min	48
	Swing speed	r/min	2.73
Travel speed	km/h	0-0.78/0-1.15	
Reevings		12	
Single line pull	t	12.5	
Gradeability	%	30	
Engine	kW/r/min	209/2000 (export) 225/2000 (domestic)	
Swing radius	mm	5530	
Transport dimension	mm	13680 × 3300 × 3300	
Crane mass(with basic boom, 135t hook)	t	132	
Ground bearing pressure	MPa	0.08	
Counterweight	t	53.5	

Note: * speed may vary with the load.