

# 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	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 × 3330
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.