

# FWX185

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 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 and a weight of 43T.
- Boom nesting for saving transport costs and avoiding damage.
- 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	185@5m	
Main boom length	m	18 ~ 85	
Fly jib length	m	13 ~ 31	
Main boom+ Fly jib max.length	m	70.4+31	
Main boom+ Luffing jib max.length	m	58.8+52	
Boom derricking angle	°	30 ~ 82	
Hook blocks (optional)	t	185(120)/50/15	
Working speed	Rope speed		
	Main winch hoist/lower (rope dia. Φ 26mm)	m/min	0 ~ 120
	Aux. winch hoist/lower (rope dia. Φ 26mm)	m/min	0 ~ 120
	Boom hoist/lower (rope dia. Φ 22mm)	m/min	30 × 2
	Swing speed	r/min	0 ~ 2
Travel speed	km/h	0 ~ 1.2	
Reevings		16	
Single line pull	t	13.5	
Gradeability	%	30	
Engine	kW/r/min	242/2100 ( export ) 264/2200 (domestic)	
Swing radius	mm	6360	
Transport dimension	mm	11950 × 3000 × 3160	
Crane mass (with basic boom, 185t hook)	t	180	
Ground bearing pressure	MPa	0.12	
Counterweight	t	66	

Note: \* speed may vary with the load.