

DECK CRANE

HIGH POWER CRANE

**Power. Durability. Performance.
Built for the Toughest Conditions.**

MHT deck cranes are engineered for the extreme demands of marine environments. With outstanding structural strength, advanced hydraulic technology, and intelligent monitoring systems, our cranes deliver reliable, efficient, and safe operation for modern fishing vessels and workboats.

1. KEY ADVANTAGES



EXCEPTIONAL STRUCTURAL STRENGTH

High-strength steel (DH36) with increased plate thickness ensures superior rigidity and durability in harsh working conditions.

- Main post plate thickness: 14 mm (6 mm for general cranes)
- Boom (1-3 sections) plate thickness: 8 mm (4-6 mm for general cranes)



SUPERIOR ANTI-CORROSION COATING

Marine-grade multi-layer coating provides maximum protection against saltwater corrosion for long service life.

- Undercoat: SD ZINC
- 1st coat: BANO
- 2nd coat: Epoxy
- Total coating thickness: 210 μ m (150 μ m for general cranes)



HIGH-SPEED & HIGH-EFFICIENCY HOISTING

Hoist winch speed of 50 m/min (1st layer) minimizes waiting time and improves operational efficiency.



WIRELESS REMOTE CONTROL (STANDARD)

Equipped with a wireless remote controller for safe, precise operation from any convenient position.



2. MAIN SPECIFICATIONS (5 TON CRANE)

Table of Specifications						
Crane				Cargo winch		
Slew	Capacity	205.8(21)	kN-m(ton-m)	Rated Load	49.1(5.0)	kN(ton)
	Angle	320°		Rated Speed	30	m/min
	Speed	1.2	min ⁻¹ (rpm)	Drum Rev.	25.5	min ⁻¹ (rpm)
	Torque	52.8(5.4)	kN-m(ton-m)	Gear ratio	1/50.579	
	Paeking Force	79.4(8.1)	kN-m(ton-m)	Wire	ø20×90	mm×m
	Pressure Source	6.1MPa(62kgf/cm ²)×80L/min		Model	MAG-85VP-1200-4	
Raise/Lower	Angle	-1° ~ 75°		Revolution	1289	min ⁻¹ (rpm)
	Speed	R 25s/1130st	L 25s/1130st	Pressure	16.1(164)	MPa(kgf/cm ²)
	Pressure Source	15.4MPa(157kgf/cm ²)×86L/min		Rated Flow	116	L/min
Extend/Retract	Speed	E 30s/3500st	R 30s/3500st			
	Pressure Source	13.5MPa(138kgf/cm ²)×86L/min				
Weight		6930	kg	Weight	370	kg
Total Weight			7300	kg		

3. SAFETY FEATURES



PRESSURE RELIEF VALVE
Prevents system overpressure.



LOAD INDICATOR
Displays current lifted load at all times.



OVER-WINDING ALARM
Prevents accidents caused by wire over-winding.



RATED LOAD INDICATOR WITH ANGLE METER
Shows safe working load range according to boom angle.