

Mobile Harbour Crane HMK 260 E

Operating Manual

Technical Data

2.1

Dimensions	Chassis overall length	16,6 m		
	Chassis overall width	8,5 m		
	Propping base	11.0 m x 12.2 m		
	Dimensions of stabilizer pads - each:	2.2 m x 1.8 m		
	Superstructure over-rear radius	6,0 m		
	Boom fulcrum point height	approx. 13.7 m		
	Tower cab operator viewing height	approx. 18.0 m		
Work Range	Maximum radius	42,0 m		
	Minimum radius	11,0 m		
Hoisting Heights	Above ground to 40 m radius	30,0 m		
	below ground	15,0 m		
Weights	Crane in operational state	approx. 280.0 t		
	Counterweight, fixed	approx. 75.0 t		
Wind Loadings	Windforce (Beaufort)	Speed	Pressure	
	Crane in travel position	9	20.8 - 24.0 m/s	30.0 kg/m ²
	Crane propped in operation	9	20.8 - 24.0 m/s	30.0 kg/m ²
	Crane propped non-operational	14	41.5 - 46.1 m/s	120.0 kg/m ²
Tip Load Factor	for normal load	66,6 %		
	for grab operation	50,0 %		

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Diesel Engine	Make	GM Detroit	
	Type	92 TA	
	Model	12 cyl. V	
	Combustion	Diesel	
	Cooling	water-cooled	
	Output	540kW/1500rpm	
	Consumption	approx. 230 g/KWh	
Fuel Tank	Main tank	Capacity	approx. 6,000 l
	Supply tank	Capacity	approx. 500 l
Generator	Make	SIEMENS	
	Type	1FC6 404	
Speeds			
Hoist			
	Lifting capacity	45.0 t	0 - 26.0 m/min
	Lifting capacity	22.0 t	0 - 50.0 m/min
	Lifting capacity	10.0 t	0 - 70.0 m/min
Slewing	Superstructure speed in normal operation		0 - 1.4 rpm
	maximum boom head peripheral speed		180,0 m/min
Luffing Gear	Luffing speed in normal operation		0 - 45.0 m/min
Travel Drive	Travel speed		0 - 80.0 m/min
	Climbing ability		max. 6.0 %
	Inner turning radius		max. 8.5 m
	Outer turning radius		max. 17.0 m
	Lateral inclination when travelling		max. 2 %