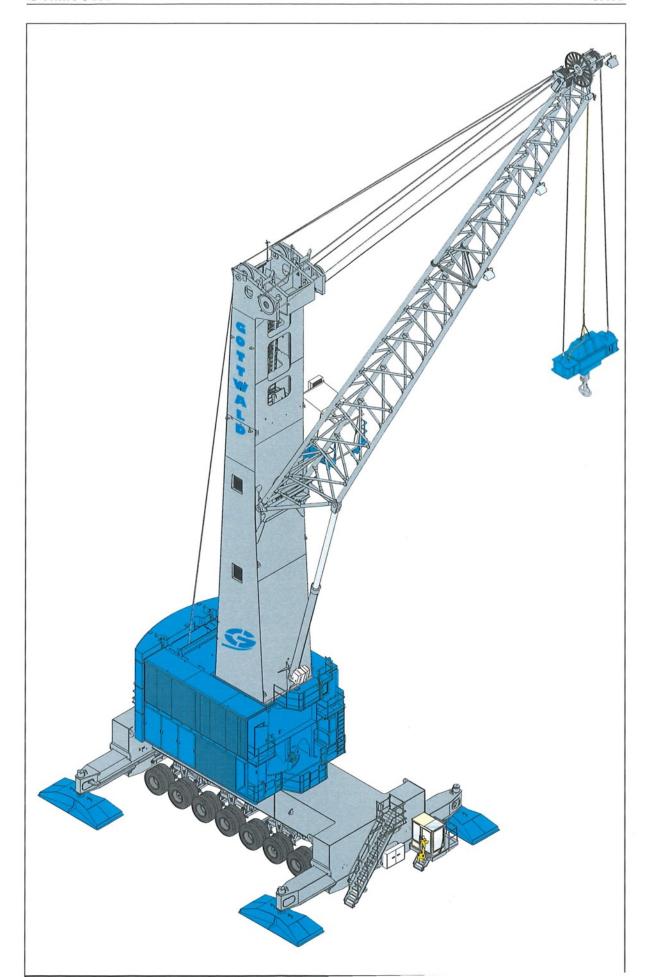
G HMK 6407 6.1.1



Technical Data 6.2.1

Technical Data	6.2.1
Dimensiones:	
G HMK 6407 Chassis length Chassis width	approx. 18,6 m
with retracted stabilizer pads Propping base Stabilizer pad size	8.5 m 12.5 m x 14.0 m 2.0 m x 4.5 m
Superstructure over-rear radius Boom pivot point height Tower cab operator viewing height	7.5 m approx. 23.0 m approx. 26.0 m
Fuel Tank Main tank capacity Intermediate tank	approx. 7000 I approx. 1000 I
Working Range Max. radius Min. radius	51.0 m 11.0 m
Hoist Height Hoisting height above ground by radius 11 to 45 m Hoisting height above ground by radius 51 m	47,0 m 29,0 m
Hoisting height below ground by normal load operation	12.0 m
Weights Total weight of crane in operational state Fixed counterweight	approx. 423.0 t approx. 94.0 t
Wind Loadings Beaufort Wind pressure	Wind speed
Crane in travel condition 9 33.0 kg/m2 Crane, propped in operation 9 33.0 kg/m2 Crane, propped out of operation 14 120.0 kg/m2	20.8 - 24.0 m/s 20.8 - 24.0 m/s 41.5 - 46.1 m/s
Tip Load Factor Normal load Special load Grab operation	66.6 % 75.0 % 50.0 %

Technical Data 6.2.2

Diesel Engine Make Type Model Type of combustion Cooling Output	MAN 2842 LE 211 12 cyl. V diesel water-cooled 750 kW, 1800 rpm
Generator Make Type	Marelli MJB 400 LA/4 440 V / 60 Hz
Speeds:	
1st gear speed: heavy load operation for 100 t 1st gear speed: heavy load operation for 70 t 1st gear speed: heavy load operation for 42 t 2nd gear speed: normal load operation for 2nd gear speed: normal load operation for 45 t 2nd gear speed: normal load operation for 18 t	0 - 22 m/min 0 - 28 m/min 0 - 43 m/min 0 - 33 m/min 0 - 44 m/min 0 - 90 m/min
Slewing Gear Superstructure slewing speed during normal operation without load Maximal peripheral speed	0 - 1.60 rpm 300 m/min
Superstructure slewing speed during normal operation with load Maximal peripheral speed	0 - 1.60 rpm 200 m/min
Superstructure speed during heavy load operation Maximal peripheral speed	0 - 0.64 rpm 80 m/min
Luffing Gear Luffing speed during heavy load operation up to 100 t Luffing speed during normal operation up to 63 t	0 - 27 m/min 0 - 60 m/min
Travel Gear Travel speed Climbing ability Lateral inclination when travelling Inner turning radius Outer turning radius Crab steering	0 - 80 m/min max. 6 % max. 2.5 % approx. 8.8 m approx. 18.2 m max. 22°