



Dimensiones:

G HMK 6407

Chassis length	approx. 18,6 m
Chassis width	
with retracted stabilizer pads	8.5 m
Propping base	12.5 m x 14.0 m
Stabilizer pad size	2.0 m x 4.5 m
Superstructure over-rear radius	7.5 m
Boom pivot point height	approx. 23.0 m
Tower cab operator viewing height	approx. 26.0 m

Fuel Tank

Main tank capacity	approx. 7000 l
Intermediate tank	approx. 1000 l

Working Range

Max. radius	51.0 m
Min. radius	11.0 m

Hoist Height

Hoisting height above ground by radius 11 to 45 m	47,0 m
Hoisting height above ground by radius 51 m	29,0 m
Hoisting height below ground by normal load operation	12.0 m

Weights

Total weight of crane in operational state	approx. 423.0 t
Fixed counterweight	approx. 94.0 t

Wind Loadings

	Beaufort	Wind pressure	Wind speed
Crane in travel condition	9	33.0 kg/m ²	20.8 - 24.0 m/s
Crane, propped in operation	9	33.0 kg/m ²	20.8 - 24.0 m/s
Crane, propped out of operation	14	120.0 kg/m ²	41.5 - 46.1 m/s

Tip Load Factor

Normal load	66.6 %
Special load	75.0 %
Grab operation	50.0 %

Diesel Engine

Make	MAN
Type	2842 LE 211
Model	12 cyl. V
Type of combustion	diesel
Cooling	water-cooled
Output	750 kW, 1800 rpm

Generator

Make	Marelli
Type	MJB 400 LA/4 440 V / 60 Hz

Speeds:

Hoist

1st gear speed: heavy load operation for	100 t	0 - 22 m/min
1st gear speed: heavy load operation for	70 t	0 - 28 m/min
1st gear speed: heavy load operation for	42 t	0 - 43 m/min
2nd gear speed: normal load operation for	63 t	0 - 33 m/min
2nd gear speed: normal load operation for	45 t	0 - 44 m/min
2nd gear speed: normal load operation for	18 t	0 - 90 m/min

Slewing Gear

Superstructure slewing speed during normal operation without load	0 - 1.60 rpm
Maximal peripheral speed	300 m/min
Superstructure slewing speed during normal operation with load	0 - 1.60 rpm
Maximal peripheral speed	200 m/min
Superstructure speed during heavy load operation	0 - 0.64 rpm
Maximal peripheral speed	80 m/min

Luffing Gear

Luffing speed during heavy load operation up to 100 t	0 - 27 m/min
Luffing speed during normal operation up to 63 t	0 - 60 m/min

Travel Gear

Travel speed	0 - 80 m/min
Climbing ability	max. 6 %
Lateral inclination when travelling	max. 2.5 %
Inner turning radius	approx. 8.8 m
Outer turning radius	approx. 18.2 m
Crab steering	max. 22°