

GENMA
crane 

GENMA MHC MOBILE HARBOR CRANE



Nowadays, worldwide cargo transport is continuously increasing; the demands placed upon efficient cargo-handling equipment are growing. Professional cargo handling equipment is not only required by port operators, but expected by shipping lines and multipurpose terminals. As a result of their versatility, Rainbow GENMA mobile harbour cranes are the ideal choice for handling all kinds of cargo. Equipped with spreaders, grabs and other lifting gears, the crane handles containers, bulk materials and general cargo, even in large terminals. Due to its flexibility and compactness, GENMA mobile harbor crane is an ideal peak performance cargo-handling machine.



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MHC-GHC20 MOBILE HARBOR CRANE

PERFORMANCES	
Max capacity at hook (T)	20/15/8/6
Max hook speed (m/min)	32/41/75/90
Boom luffing time: Min to Max radius (m/min)	20s
Slewing speed (on 360° continuous) (R.P.M.)	1.6/1.3
Travelling speed (km/h)	2.0/5.0
Max gradient (%)	8
Minimum operating radius (m)	8
Maximum operating radius (m)	26
Max height under hook with load linearity up to "x"m (m)	23 ("22")
Max height under hook with load linearity up to "x"m (m)	18 ("26")
Max hook deep below ground (m)	10
Superstructure slewing radius (m)	4.1
Crane turning radius (m)	10.4

TECHNICAL DATA		
(Single-drum winch) Name	Item	
Max load moment (T.M)		246
Diesel maximum power (KW/RPM)		248/1800
Standard boom length (m)		28
Number of ropes (No.)		2×1
Boom pivot point above ground (m)		9
Operator eye level (m)		11
Outriggers spread (m)		5.5×7
Max load on outriggers pads (360°) (T)		46

CRANE DIMENSIONS	
Overall length of chassis (m)	9.265
Overall length with lowered boom (m)	41.54
Overall width of crane -in working condition (m)	5.8
Overall height without tower (m)	5.7
Overall height: tower in working position (m)	17.18
Overall height: tower lowered (m)	6.7
Ground clearance (m)	0.3
Ground to top of tower support (m)	2.6
Ground to top of carrier (m)	2
Wheel base	4.5 (1st/2nd)
Axles track (m)	2.79
Tyres	14.00×24"
Rims	8.5V×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMANCES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	42000 (including counterweight) /44500 (including counterweight+ 4t load)
		Front axle	41500 (including counterweight) /430000 (including counterweight+ 4t load)
	Crane with lowered tower on rear	Rear axles	47900
		Front axle	22700
	Load on each axle	On ground	5900
		Max admitted load (dynamic)	45000
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	7.13
		With standard pads	5.68 (0.9×0.9)
		With optional pads	1.97t/m ² (average pressure)
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition	72 (hook)/50 (hook and grab)	
	In working condition	72	
	Crane standing on outriggers: tower and boom erected	151	
	Crane standing on outriggers: tower erected and boom lowered	151-200/>200	



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MHC-GHC32 MOBILE HARBOR CRANE

PERFORMACES	
Max capacity at hook (T)	32/20/12/8
Max hook speed (m/min)	27/40/64/88
Boom luffing time: Min to Max radius (m/min)	32s
Slewing speed (on 360° continuous) (R.P.M.)	1.6/1.0
Travelling speed (km/h)	2.0/5.0
Max gradient (%)	8
Minimum operating radius (m)	8
Maximum operating radius (m)	30
Max height under hook with load linearity up to "x"m (m)	26("24")/21("28")
Max height under hook with load linearity up to "x"m (m)	/17("30")
Max hook deep below ground (m)	12
Superstructure slewing radius (m)	4.75
Crane turning radius (m)	13

TECHNICAL DATA		
(Single-drum winch) Name	Item	
Max load moment (T.M)		450
Diesel maximum power (kW/RPM)		354/1500
Standard boom length (m)		30
Number of ropes (No.)		2×1
Boom pivot point above ground (m)		10
Operator eye level (m)		13
Outriggers spread (m)		8.1×8.25
Max load on outriggers pads (360°) (T)		67

CRANE DIMENSIONS	
Overall length of chassis (m)	11.4
Overall length with lowered boom (m)	44
Overall width of crane -in working condition (m)	6.52
Overall height without tower (m)	6.2
Overall height: tower in working position (m)	19.3
Overall height: tower lowered (m)	6.8
Ground clearance (m)	0.3
Ground to top of tower support (m)	3
Ground to top of carrier (m)	2.3
Wheel base	5.55 (1st/2nd)
Axles track (m)	3.67
Tyres	14.00×24"
Rims	10.00W×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M4 (L2 - T4)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMACES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	59000 (including counterweight) /60500 (including counterweight+6t load)
		Front axle	52000 (including counterweight) /60000 (including counterweight+6t load)
	Crane with lowered tower on rear	Rear axles	62000
		Front axle	32000
		On ground	8000
	Load on each axle	Max admitted load (dynamic)	60000
Max admitted load (static)		80000	
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	10
	On outriggers loaded	With standard pads	5.32 (0.9×1.4)
		With optional pads	1.68t/m ² (average pressure)
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72 (hook)/50 (hook and grab)
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		151-200/>200



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MHC-GHC40 MOBILE HARBOR CRANE

PERFORMANCES	
Max capacity at hook (T)	40/30/20/10
Max hook speed (m/min)	24/31/45/80
Boom luffing time: Min to Max radius (m/min)	44
Slewing speed (on 360° continuous) (R.P.M.)	1.6
Travelling speed (km/h)	2.6/5.2
Max gradient (%)	8
Minimum operating radius (m)	9
Maximum operating radius (m)	34
Max height under hook with load linearity up to "x"m (m)	29 ("30")
Max height under hook with load linearity up to "x"m (m)	23 ("34")
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	5.5
Crane turning radius (m)	15

TECHNICAL DATA		
(Single-drum winch) Name	Item	
Max load moment (T.M)		720
Diesel maximum power (kW/RPM)		433/1500
Standard boom length (m)		35
Number of ropes (No.)		2×1
Boom pivot point above ground (m)		12
Operator eye level (m)		16
Outriggers spread (m)		9.30×10.25
Max load on outriggers pads (360°) (T)		100

CRANE DIMENSIONS	
Overall length of chassis (m)	12.4
Overall length with lowered boom (m)	53.25
Overall width of crane -in working condition (m)	6.08
Overall width of crane - for transport (m)	5
Overall height without tower (m)	6.65
Overall height: tower in working position (m)	22.9
Overall height: tower lowered (m)	7.5
Ground clearance (m)	0.3
Ground to top of tower support (m)	3.33
Wheel base	5.9 (1st/2nd)
Wheel base	1.6 (2nd/3rd)
Axles track (m)	3.67
Tyres	14.00×24"
Rims	10.00W×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMANCES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	108000 (67°) (2 pcs)
		Front axle	52000 (67°)
	Crane with lowered tower on rear	Rear axles	114000 (2 pcs)
		Front axle	33000
		On ground	12000
	Load on each axle	Max admitted load (dynamic)	60000
Max admitted load (static)		72000	
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	10
	On outriggers loaded	With standard pads	5.5 (1.0×1.8)
		With optional pads	3.3 (1,4×2,2)
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		200



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MHC-GHC63TD1 MOBILE HARBOR CRANE

PERFORMACES	
Max capacity at hook (T)	63/45/25/14
Max hook speed (m/min)	23/32/55/85
Boom luffing time: Min to Max radius (m/min)	42s
Slewing speed (on 360° continuous) (R.P.M.)	1.35/1.0
Travelling speed (km/h)	2.0/5.0
Max gradient (%)	8
Minimum operating radius (m)	10
Maximum operating radius (m)	40
Max height under hook with load linearity up to "x"m (m)	34 ("34")
Max height under hook with load linearity up to "x"m (m)	26 ("40")
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	6.2
Crane turning radius (m)	15.6

TECHNICAL DATA		
(Single-drum winch) Name	Item	MHC115
Max load moment (T.M)		1240
Diesel maximum power (KW/RPM)		695/1500
Standard boom length (m)		41.7
Number of ropes (No.)		2×1
Boom pivot point above ground (m)		14
Operator eye level (m)		16.5
Outriggers spread (m)		10.40×10.5
Max load on outriggers pads (360°)		151

CRANE DIMENSIONS	
Overall length of chassis (m)	16.5
Overall length with lowered boom (m)	61.5
Overall width of crane -in working condition (m)	6.9
Overall width of crane - for transport (m)	5.5
Overall height without tower (m)	7
Overall height: tower in working position (m)	26.9
Overall height: tower lowered (m)	7.75
Ground clearance (m)	0.3
Ground to top of tower support (m)	3.9
Wheel base	3 (1st/2nd)
Wheel base	7.6 (2nd/3rd)
Wheel base	3 (3rd/4th)
Axles track (m)	4.17
Tyres	14.00×24"
Rims	10.00W×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMACES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	120000 (57°) (2pecs)
		Front axle	112000 (57°) (2pecs)
	Crane with lowered tower on rear	Rear axles	120000 (2pecs)
		Front axle	79000 (2pecs)
		On ground	17000
	Load on each axle	Max admitted load (dynamic)	60000
Max admitted load (static)		80000	
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	10
	On outriggers loaded	With standard pads	4.9 (1,4x2,2)
		With optional pads	3.23 (1,8x2,6)
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		200



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MHC-GHC80 MOBILE HARBOR CRANE

PERFORMANCES	
Max capacity at hook (T)	80/45/35/15
Max hook speed (m/min)	20/35/44/86
Boom luffing time: Min to Max radius (m/min)	50
Slewing speed (on 360° continuous) (R.P.M.)	1.45
Travelling speed (km/h)	1.9/4.7
Max gradient (%)	8
Minimum operating radius (m)	10
Maximum operating radius (m)	44
Max height under hook with load linearity up to "x"m (m)	37/30/26
Max height under hook with load linearity up to "x"m (m)	
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	7
Crane turning radius (m)	13

TECHNICAL DATA		
(Single-drum winch) Name	Item	
Max load moment (T.M)		1800
Diesel maximum power (KW/RPM)		784/1500
Standard boom length (m)		43.5
Number of ropes (No.)		2×1
Boom pivot point above ground (m)		16
Operator eye level (m)		19.5
Outriggers spread (m)		13×11.5
Max load on outriggers pads (360°) (T)		187

CRANE DIMENSIONS	
Overall length of chassis (m)	15.7
Overall length with lowered boom (m)	67.25
Overall width of crane - in working condition (m)	7
Overall width of crane - for transport (m)	5.5
Overall height without tower (m)	7
Overall height: tower in working position (m)	28
Overall height: tower lowered (m)	8
Ground clearance (m)	0.3
Ground to top of tower support (m)	3.8
Wheel base	1.67 (1st/2nd)
Wheel base	4.79 (2nd/3rd)
Wheel base	1.67 (3rd/4th/5th)
Axles track (m)	4.17
Tyres	14.00×24"
Rims	10.00W×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q2 - U6)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M7 (L3 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T4)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMANCES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	170000 (65°) (3 pecs)
		Front axle	112000 (65°) (2 pecs)
	Crane with lowered tower on rear	Rear axles	180000 (3 pecs)
		Front axle	75000 (2 pecs)
		On ground	24000
	Load on each axle	Max admitted load (dynamic)	60000
Max admitted load (static)		72000	
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	10
	On outriggers loaded	With standard pads	4 (1,8×2,6)
		With optional pads	2 (1,8×2,6)×2
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		200



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MHC-GHC100 MOBILE HARBOR CRANE

PERFORMACES	
Max capacity at hook (T)	100/65/50/35/17
Max hook speed (m/min)	16/24/31/43/87
Boom luffing time: Min to Max radius (m/min)	light load: 34s/heavy load:68s
Slewing speed (on 360° continuous) (R.P.M.)	1.25/0.65
Travelling speed (km/h)	2/4.5
Max gradient (%)	7.5
Minimum operating radius (m)	10
Maximum operating radius (m)	44
Max height under hook with load linearity up to "x"m (m)	standard: 30("44")
Max height under hook with load linearity up to "x"m (m)	option: 40("40")/30("44")
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	7.25
Crane turning radius (m)	17

CRANE DIMENSIONS	
Overall length of chassis (m)	18.7
Overall length with lowered boom (m)	73
Overall width of crane -in working condition (m)	7.8
Overall width of crane - for transport (m)	5.5
Overall height without tower (m)	8.3
Overall height: tower in working position (m)	30.7
Overall height: tower lowered (m)	9.2
Ground clearance (m)	0.3
Ground to top of tower support (m)	4.7
Ground to top of carrier (m)	3.55
Wheel base	1.67 (1st/2nd/3rd)
Wheel base	6.12 (3rd/4th)
Wheel base	1.67 (4th/5th/6th/7th)
Axles track (m)	4.17
Tyres	14.00×24"
Rims	10.00W×24"

TECHNICAL DATA	
(Single-drum winch) Name	Item
Max load moment (T.M)	2100
Diesel maximum power (kW/RPM)	741/1500 630/1500(option)
Standard boom length (m)	46
Number of ropes (No.)	2×1
Boom pivot point above ground (m)	17.6
Operator eye level (m)	21.5
Outriggers spread (m)	16×12
Max load on outriggers pads (360°) (T)	212

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5) less than 55t
	Container use	A5 (Q2 - U5) more than 55t
	Container use	A4 (Q2 - U4)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6) less than 55t
	Container use	M7 (L3 - T6) more than 55t
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6) less than 55t
	Container use	M6 (L2 - T6) more than 55t
	Container use	M6 (L2 - T6)
	Heavy lifting use	M4 (L2 - T4)
Luffing	Grab use	M7 (L3 - T6) less than 55t
	Container use	M6 (L2 - T6) more than 55t
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2) less than 55t
	Container use	M4 (L4 - T2) more than 55t
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)



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MHC-GHC120 MOBILE HARBOR CRANE

PERFORMACES	
Max capacity at hook (T)	120/75/60/40/14
Max hook speed (m/min)	14/22/27/39/85
Boom luffing time: Min to Max radius (m/min)	60
Slewing speed (on 360° continuous) (R.P.M.)	1.25/0.65
Travelling speed (km/h)	1.6/3.3
Max gradient (%)	7.5
Minimum operating radius (m)	11
Maximum operating radius (m)	50
Max height under hook with load linearity up to "x"m (m)	30 ("48")
Max height under hook with load linearity up to "x"m (m)	23.5 ("50") nonlinearity load
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	7.25
Crane turning radius (m)	17

CRANE DIMENSIONS	
Overall length of chassis (m)	18.7
Overall length with lowered boom (m)	74
Overall width of crane -in working condition (m)	8.28
Overall width of crane - for transport (m)	5.68
Overall height without tower (m)	8.9
Overall height: tower in working position (m)	33.7
Overall height: tower lowered (m)	10.6
Ground clearance (m)	0.3
Ground to top of tower support (m)	4.7
Ground to top of carrier (m)	3.55
Wheel base	1.67 (1st/2nd/3rd)
Wheel base	4.45 (3rd/4th)
Wheel base	1.67 (4th/5th/6th/7th)
Axles track (m)	4.17
Tyres	14.00x24"
Rims	10.00Wx24"

TECHNICAL DATA		
(Single-drum winch) Name	Item	
Max load moment (T.M)		2200
Diesel maximum power (KW/RPM)		805/1500
Standard boom length (m)		48
Number of ropes (No.)		2x1
Boom pivot point above ground (m)		17.6
Operator eye level (m)		21.5
Outriggers spread (m)		16x12
Max load on outriggers pads (360°) (T)		240

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5) less than 50t
	Container use	A4 (Q2 - U4) more than 50t
Hoisting	Heavy lifting use	A3 (Q1 - U4)
	Grab use	M7 (L3 - T6)
	Container use	M7 (L3 - T6) less than 50t
Slewing	Container use	M6 (L2 - T6) more than 50t
	Heavy lifting use	M3 (L2 - T3)
	Grab use	M7 (L3 - T6)
Luffing	Container use	M6 (L2 - T6) less than 50t
	Container use	M6 (L2 - T6) more than 50t
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2) less than 50t
	Container use	M4 (L4 - T2) more than 50t
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMACES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	240000 (58°) (4 pecs) counterweight 121+21T
		Front axle	180000 (58°) (3 pecs) counterweight 121+21T
	Crane with lowered tower on rear	Rear axles	240000 (4 pecs) counterweight 100T
		Front axle	93000 (3 pecs) counterweight 100T
	Load on each axle	On ground	31000
		Travelling in worse conditions	59000
Max admitted load (dynamic)		60000	
	Max admitted load (static)	80000	
GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling	10
	On outriggers loaded	With standard pads	3.92 (1,8x3,4)×2
		With optional pads	2.56 (1,8x2.6)×2
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		200



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MHC-GHC150 MOBILE HARBOR CRANE

PERFORMACES	
Max capacity at hook (T)	150/120/65/50/17
Max hook speed (m/min)	14/19/30/39/90
Boom luffing time: Min to Max radius (m/min)	60
Slewing speed (on 360° continuous) (R.P.M.)	1.35/0.65
Travelling speed (km/h)	1.8/4.5
Max gradient (%)	8
Minimum operating radius (m)	11
Maximum operating radius (m)	52
Max height under hook with load linearity up to "x"m (m)	40("46")/32("50")
Max height under hook with load linearity up to "x"m (m)	/26("52")
Max hook deep below ground (m)	15
Superstructure slewing radius (m)	7.75
Crane turning radius (m)	15.92

TECHNICAL DATA		
(Single-drum winch) Name	Item	
	Max load moment (T.M)	2900
	Diesel maximum power (KW/RPM)	950/1500
	Standard boom length (m)	53
	Number of ropes (No.)	2×1
	Boom pivot point above ground (m)	20.3
	Operator eye level (m)	24.3
	Outriggers spread (m)	15.4×13
	Max load on outriggers pads (360°) (T)	302

CRANE DIMENSIONS	
Overall length of chassis (m)	18.6
Overall length with lowered boom (m)	79.5
Overall width of crane -in working condition (m)	7.5
Overall width of crane - for transport (m)	6
Overall height without tower (m)	10
Overall height: tower in working position (m)	36.3
Overall height: tower lowered (m)	13.5
Ground clearance (m)	0.3
Ground to top of tower support (m)	6.45
Ground to top of carrier (m)	4
Wheel base	1.67 (1st/2nd/3rd/4th)
Wheel base	1.99 (4th/5th)
Wheel base	1.67 (5th/6th/7th/8th)
Axles track (m)	5.17
Tyres	14.00×24"
Rims	10.00W×24"

WORKING CLASSIFICATION		
Crane	Grab use	A6 (Q3 - U5)
	Container use	A5 (Q2 - U5)
	Heavy lifting use	A3 (Q1 - U4)
Hoisting	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M3 (L2 - T3)
Slewing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M4 (L2 - T4)
Luffing	Grab use	M7 (L3 - T6)
	Container use	M6 (L2 - T6)
	Heavy lifting use	M5 (L2 - T5)
Travelling	Grab use	M4 (L4 - T2)
	Container use	M4 (L4 - T2)
	Heavy lifting use	M4 (L4 - T2)

OTHER PERFORMACES			
AXLES LOADING (kg)	Crane with boom on front	Rear axles	258000 (58°) (4 pecs) counterweight 135T
		Front axle	258000 (58°) (4 pecs) counterweight 135T
	Crane with lowered tower on rear	Rear axles	240000 (4 pecs) counterweight 100T
		Front axle	205000 (4 pecs) counterweight 100T
		On ground	36000
	Load on each axle	Travelling in worse conditions	65000
		Max admitted load (dynamic)	70000
		Max admitted load (static)	80000
	GROUND PRESSURE (kg/cm ²)	On wheels unloaded	Travelling
On outriggers loaded		With standard pads	3.8 (2,0×4,0)
		With optional pads	2.5 (2,0×3.0)×2
MAX ADMITTED WIND CONDITIONS (km/h)	In travelling condition		72
	In working condition		72
	Crane standing on outriggers: tower and boom erected		151
	Crane standing on outriggers: tower erected and boom lowered		200



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