

FOR SALE

**DEMAG AC 100-4L · 100 T
59.4 M BOOM**

Crane operating hours: 7,296
Km: 36.042

Registration number: E0174BHL

Make: DEMAG

Model: AC 100-4L

Year of manufacture: 2021

Control system: IC-1 PLUS

Chassis number: WMGKS4162MZ0E0759

Engine: Mercedes-Benz OM 471 LA – 340 kW / 462 hp

Serial number: 10759

Number of axles: 4



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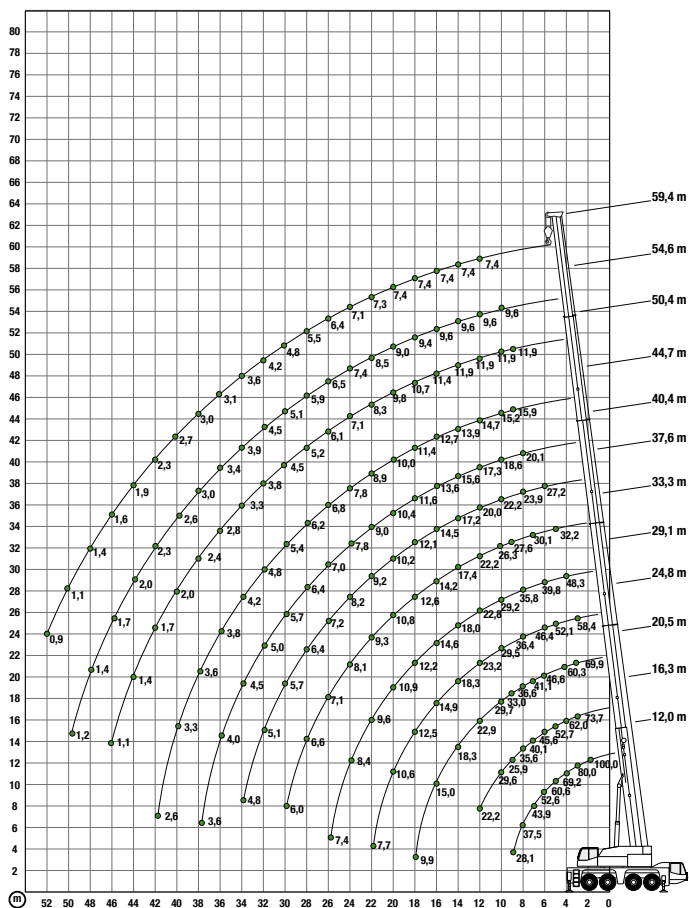
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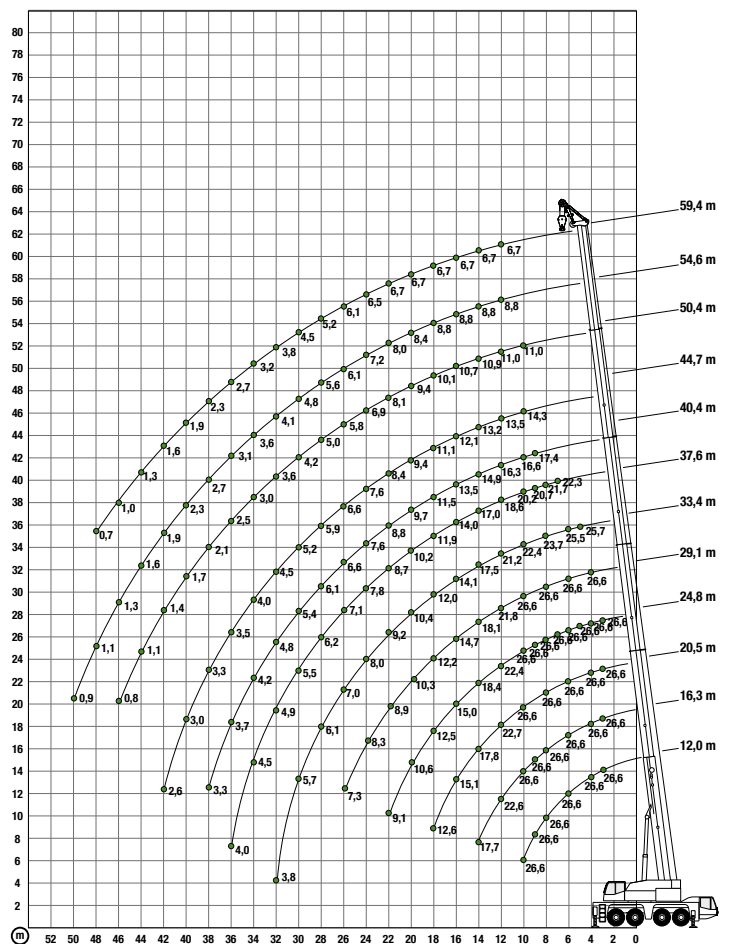
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Load chart



Load chart with MS runner



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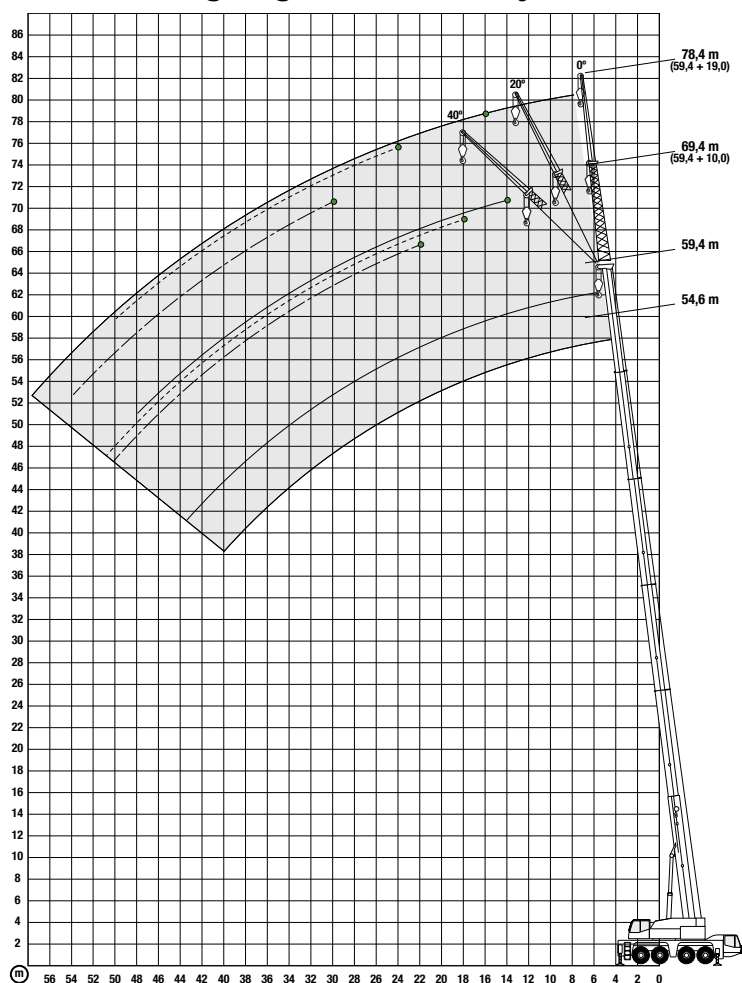
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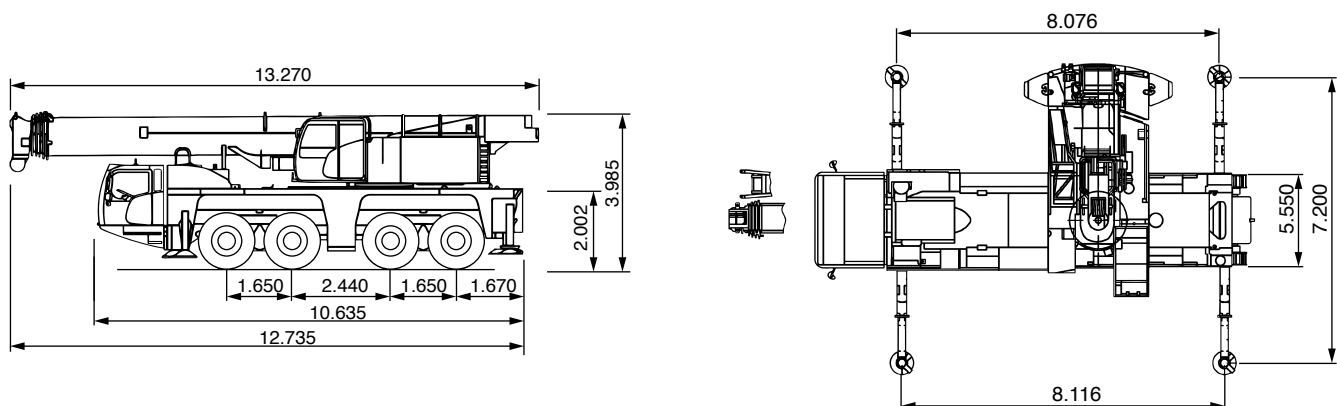
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General lifting diagram with lattice jib



Jib specifications	
Horizontal reach	56 m
Maximum vertical reach	78.4 m
Jib length	19 m
Slewing range	360°

Dimensiones



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Chasis

Item	Description
Engine 340-5	Mercedes-Benz OM 471 LA diesel engine. Power output: 340 kW (462 hp); torque: 2,200 Nm at 1,100 rpm; certified in accordance with EUROMOT V / Tier 4 Final; stainless-steel MTU exhaust system with SCR catalytic converter.
Fuel tank 400	410 l; fuel: diesel; 40 l AdBlue tank.
Transmission GZ3	Mercedes-Benz G230-12 transmission, 12 forward gears and 2 reverse gears; two-stage transfer case with selectable off-road range and switchable longitudinal differential lock.
Axles 8 × 4 × 8	8 × 4 × 8; 4 axles, with axles 1–4 driven and equipped with switchable transverse differential locks; all axles are steered.
Suspension	Hydropneumatic suspension with axle-load pressure compensation; hydraulic locking mechanism; manual or automatic level adjustment can be selected.
Steering	Dual-circuit power-assisted hydraulic steering with emergency auxiliary pump; active steering of the rear axles, axles 3 and 4, with 6 different driving programmes.
Brakes	Dual-circuit pneumatic service brakes with ABS fitted to all wheels; disc brakes; exhaust brake with exhaust flap and constant throttle valve; spring-applied parking brake.
Tyres 385/95 R25 174F	385/95 R25 174F tyres (16.00R25), X-CRANE 174F; 11-25/1.7 steel rims; spare wheel.
Driver's cab 255	2.55 m cab; adjustable driver's seat with heating, armrests and pneumatic suspension; height- and tilt-adjustable steering wheel; electric windows; tinted glazing; radio/CD player; 7 kW air conditioning.
Engine-dependent heater 12	Engine-dependent hydraulic heating system with a heating capacity of 12 kW.
Tachograph	Included.
Cruise control	Included.
Camera	Display in the driver's cab.
Fire extinguisher	With mounting bracket in the driver's cab.
Electronic immobiliser	Prevents unintended movement of the chassis; includes 2 electronic keys and 3 ignition keys.
Lights	Dipped-beam headlights; main-beam headlights; position lights; fog lights; direction indicators.
Work lights	2 work lights on the left-hand outriggers and 2 work lights on the right-hand outriggers.
Rotating beacons	2 rotating beacons on the cab.
Central lubrication system	Centralised lubrication at all lubrication points.
Outrigger system	Four-point H-type design; vertical and horizontal movement by a fully hydraulic system; manual or automatic levelling can be selected on both sides of the chassis; 4 outrigger base widths: 3.52 m, 4.72 m, 6.00 m and 7.20 m.
Outrigger pads	Ø28P outrigger pads; 4 round pads with an area of 0.28 m², integrated into the outriggers.

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Chasis

Item	Description
Pressure indicator	Pressure indicator in the crane cab and in the outrigger control box.
Chassis storage compartment	Integrated storage compartment in the upper section of the chassis for hooks and lifting equipment.
Starting connection	Auxiliary starting connection for the chassis and superstructure, using a NATO connector or an external power supply.
Side markings	Reflective side markings.
Roadside assistance kit	Auxiliary roadside assistance kit.
Ladder	Loose ladder for assembly work, including a transport position.
Toolbox	Toolbox for minor repairs and maintenance.
Cable	10 m cable with NATO connectors at both ends.
NATO connector	NATO connectors on both engines for external engine starting.
Chassis storage boxes	Standard storage boxes fitted to the crane chassis.
Road emergency kit	Road emergency kit for warning and signalling on public roads.
Monitoring system	Continuous indication of the load on each outrigger.

Crane

Item	Description
HA60 telescopic boom (AC-100-4L)	12.0 m–59.4 m; single-cylinder telescoping system with selectable automatic or manual telescoping; attachment points for all equipment and extensions; 5 sheaves integrated into the boom head for a maximum lifting capacity of 64.5 t.
Slewing system	Hydromechanical slewing system with spring-applied multi-disc brake.
Boom luffing system	Luffing cylinder with an automatic safety valve to prevent uncontrolled lowering.
Hoist H1	Hoist with spring-applied multi-disc brake and integrated rotary encoder.
19.3 t counterweight	19.3 t in 5 sections; automatic self-assembly system; extendable up to a maximum of 24.5 t with 2 additional counterweights of 2.6 t each.
Engine 129-5	Mercedes-Benz OM 934 LA; 129 kW (175 hp) at 2,200 rpm; torque: 750 Nm at 1,200–1,600 rpm; certified in accordance with EUROMOT V / Tier 4 Final; stainless-steel MTU exhaust system with SCR catalytic converter.
Fuel tank 200	200 l; fuel: diesel. 25 l AdBlue tank.
Control system	Allows four simultaneous movements; electro-hydraulic pilot controls operated through 2 cross-pattern joysticks.
Safety devices	IC-1 system with integrated load moment indicator in accordance with EN 13000; colour display; indication of current operating status, load charts and fault messages; load moment indicator warning lights; crane data logger.
Working area limitation	Display and programming of the working area limits through the IC-1 system.
Height indicator	Height indicator for hoist H1 shown on the display.

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Crane

Item	Description
Hoist monitoring	Via camera, with the image shown on the display in the crane cab.
Hydraulic system	Hydraulic system with power control; hydraulic oil cooler.
Operator's cab 0875	Type 0.875 m; continuously variable cab tilt up to 16°; heated seat; hinged front windscreen; extendable side shelf; folding front platform; handrails; tinted safety glazing; sun blind; radio/CD player; 7 kW air conditioning with external USB input and Bluetooth.
Engine-dependent heater	Engine-dependent hydraulic heating system with a heating capacity of 5 kW.
Outriggers / anemometer	Outrigger control from the crane cab.
Rotating beacons	Two rotating beacons on the crane cab.
Automatic lubrication	Automatic lubrication system for all lubrication points on the superstructure.
Work lights	2 work lights at the boom base, adjustable from the crane cab.
Additional work lights	1 work light for the front working area, mounted on the front of the crane cab; 2 work lights mounted on the crane cab; 1 work light above hoists H1 and H2.
Removable rotating beacons	2 removable rotating beacons at the rear.

Other / Included Options

Item	Description
HAV 19 jib	HAV 19 double-folding jib with mechanical offset at 20°/40°; jib support included; includes a 10 m jib section.
MS runner	1.5 m fixed-angle assembly jib with 2 sheaves and a lifting capacity of 26.6 t; transport support included.
Hook block 50-3-18-D	50-3-18-D (550 kg); hook block with double hook; white with red warning stripes.
Hook block 20-1-18-E	20-1-18-E (300 kg); hook block with single hook; white with red warning stripes.
Ball hook	8-0V-E hook; red ball hook, 170 kg.
8 × 6 × 8	All axles steered; axles 1, 3 and 4 driven, with transverse differential locks.
Electric brake	Telma electric retarder.
Storage box	Crane storage box with timber storage device; spare-wheel mounting not included.
Support bracket	Support bracket behind the driver's cab for storing a 1- to 3-sheave hook block.

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Item	Description
Additional lights	2 additional work lights for the rear of the crane, operated by a switch in the crane cab.
5.2 t counterweight	2 additional counterweight sections; extendable up to a maximum of 24.5 t in total (7 sections).
Hoist H2	Hoist with spring-applied multi-disc brake and integrated rotary encoder.
Work light	1 work light on the main boom, adjustable from the crane cab.
Position light	Red LED position light.
Lighting	Side lighting for on-site operation only, controlled via the rear-view mirrors.
Camera	Boom-mounted camera fitted to the boom head for load monitoring, together with a tracking light.
Camera support	Camera support for the jib; camera not included.
Mirror	Right-hand blind-spot mirror.
IC-1 PLUS	Calculation of actual load charts for each boom position according to the slewing angle. Monitors outrigger extension and counterweight configuration. Operation is only permitted with the outriggers in their pinned positions.
IC-1 Plus Remote	Telematic crane monitoring system; the first year is free of charge. A maintenance fee applies from the second year onwards.
Tyres 445/95 R25 174F	Michelin 445/95 R25 174F tyres (16.00R25); spare wheel included.
Cooler	Additional cooler.
Paintwork	Customer-selected two-colour paint finish.