GROVE
by Manitowoc

GMK5250L

GMK5250L specification

Main boom:	70 m
Swingaway jib:	37 m
Counterweight:	80 t
Engine:	Mercedes OM 471 Euromot 4/ EPA Tier 4 final (390 kW/ 2460 Nm)
Transmission:	Mercedes G280-16 with VIAB
GVW:	12t/ axle with 16“ tires on steel rims, 10x6x10, brackets and hydraulic hoses for swing away jib, upper part of 3 sheave hook block (270 kg), 500 kg equipment (incl. tool box)
Miscellaneous:	CCS, new carrier cabin, disc brakes, new MMI, swing away with jib inserts, 2-line aux. boom nose, "Fuel Saver" concept with electric air conditioning.

Main features & benefits

250 t rating:	→	Highest rated 5 axle crane
	→	Higher rental rates
70 m main boom	→	More reach on height and radius
	→	Higher utilization
Load charts	→	Best load charts in class
	→	Best utilization
	→	5 axle crane gets jobs of 6 axle crane done!
Counterweight	→	One global counterweight (resale globally)
	→	Up to 21t roadable on the crane with boom over the front – ultimate flexibility!
VIAB turbo clutch	→	Best maneuvrability and comfort
	→	Wear-free starting and breaking
	→	No overheating and burning of the clutch
	→	Less fuel consumption
	→	Retarder is standard
Self-rig aux hoist	→	No auxilary crane needed
	→	Less mobilization and rigging costs

Convenience

Cost savings

Time savings

New serial specification

Carrier

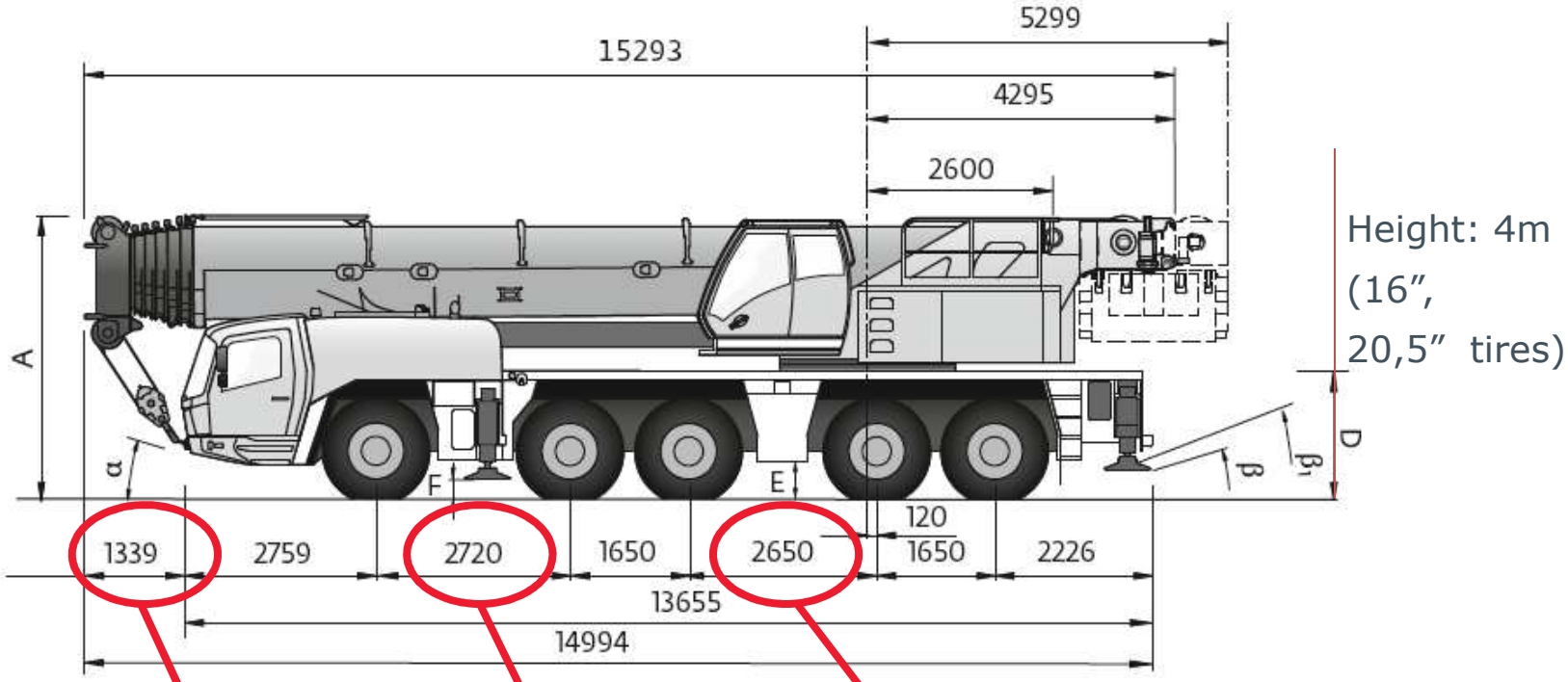
- New VIAB transmission with integrated retarder
- Air condition in carrier cabin
- Outrigger pad load indicator with read out on superstructure and carrier
- CraneStar fleet management
- One additional strobe light
- Stereo radio/ CD Player
- Work lights for outrigger beams
- Suspension control in outrigger control boxes

Superstructure

- Hoist camera incl. light
- Second spotlight on superstructure cab
- One additional strobe light
- LMI status display (EN13000)
- Working range limiter
- Engine independent diesel air heater
- Data logger

LMI status display (EN13000)

Product dimensions carrier



Height: 4m
(16”,
20,5” tires)

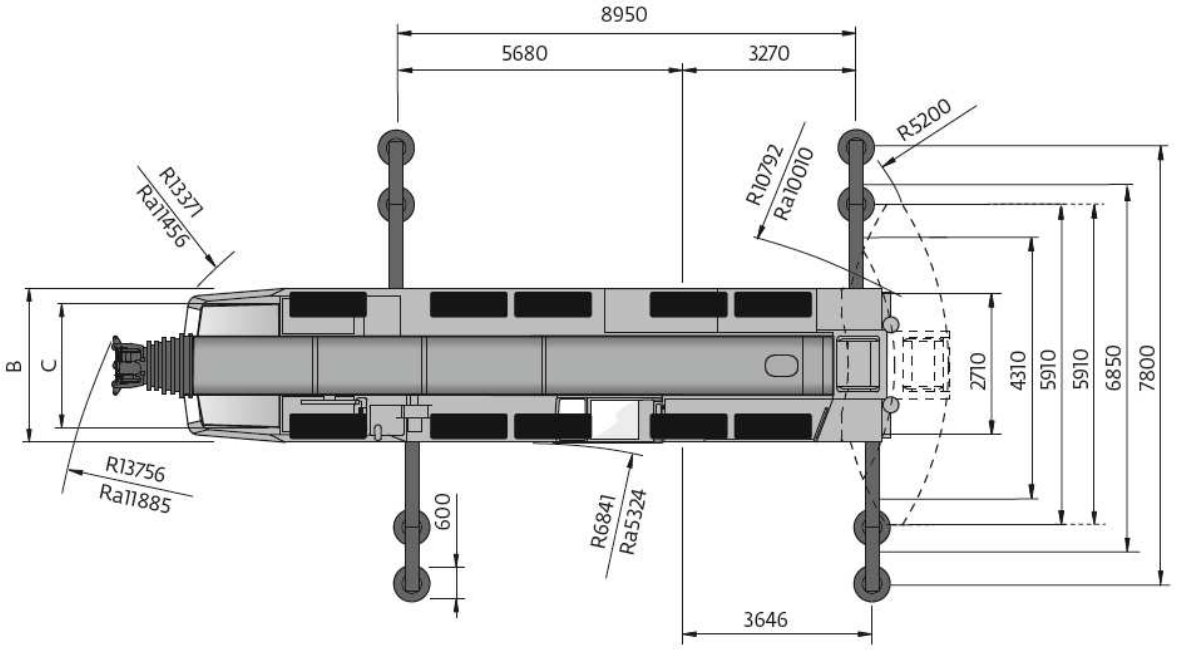
Very good overhang – under 1,5 m

Ideal axle spread – more than 8 ft.

Advantages

→ *Crane dimensions suit global roading requirements.*
→ *Reduced overall length compared to GMK5220.*

Product outrigger spread



5 Outrigger positions create an **ultimate flexibility** for every jobsite – also on very narrow terrain.

Advantages

Operator convenience:

→ *More flexibility on job site access*

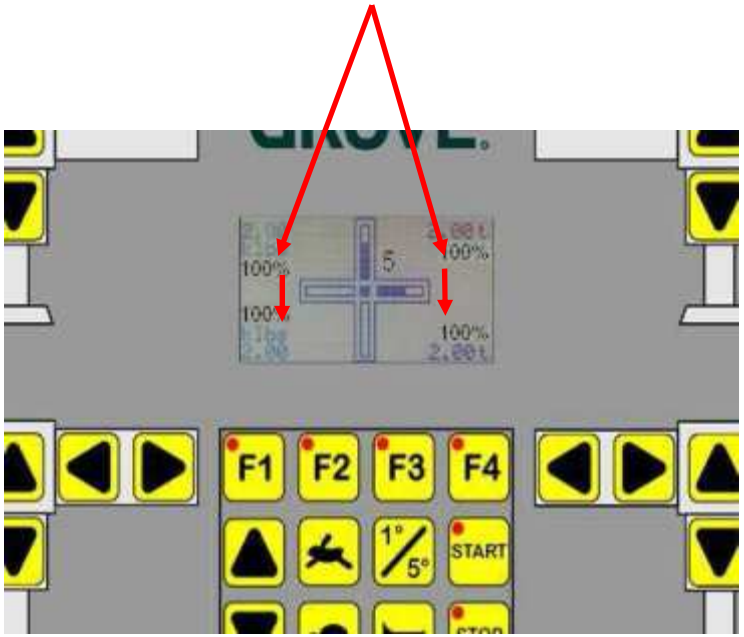
→ *Placing the crane in tighter spaces*

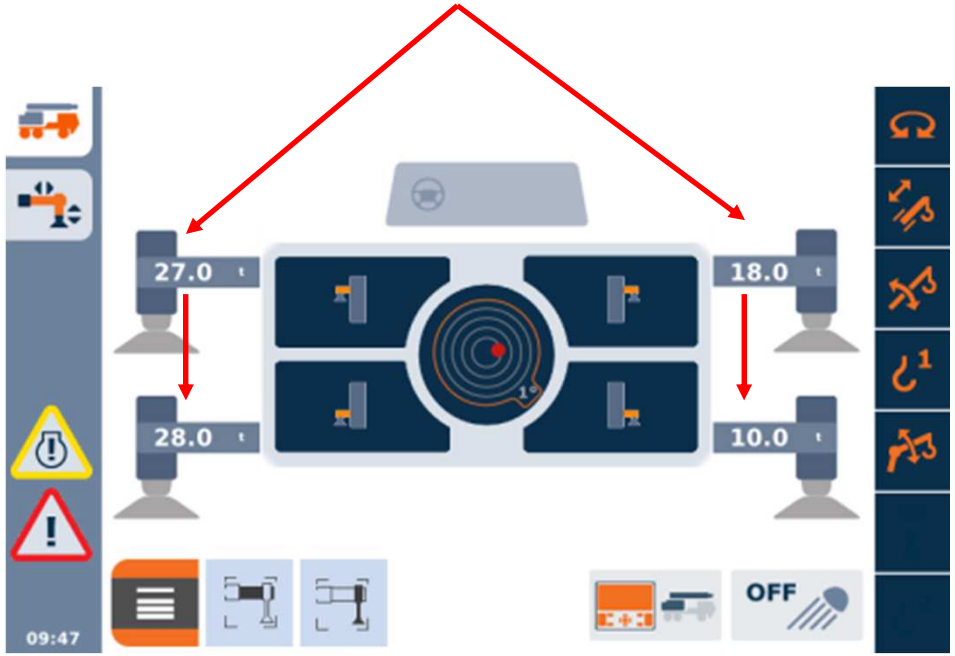
Potential higher utilization:

→ *Get jobs done which competitors with less outrigger positions cannot.*

Rigging on job site

Outrigger pad load indicator with read out on both superstructure and carrier is standard.





Benefit

→ *Operator convenience*

Driving and rigging on job site

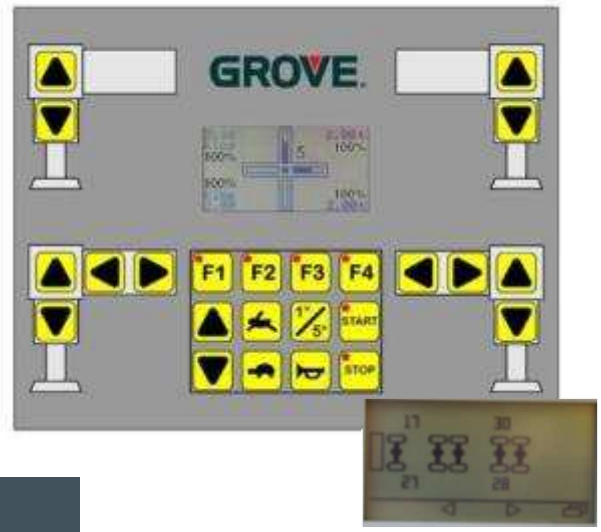
NEW!

The **GMK5250L** can be moved on jobsite with a maximum axle load of 28t in a configuration

a) main boom plus full counterweight (80t)
b) main boom, jib and extension plus 70t counterweight.

- Time efficiency on jobsites!

→ The new MMI display allows the driving of the MEGATRAK™ suspension from the carrier frame. Active adjustment of retracting and extending force without outriggers positioning possible
– **Flexibility on jobsite to react to changing surfaces and required ground clearance.**



Advantages

Operator convenience:
→ Shorter rigging time.
→ Saves time when replacing the crane on the job site.
(no need to remove counterweight before driving on site)

Roading proposal boom over front

Weight per axle in kg	Total in kg	Driveline	Tire size	Hook block	Counterweight in t	Swing-away	Equipment in kg
12.000	60.000	10x6	445/95R25 on steel	3 sheave	0	brakets + drum	500
12.000	60.000	10x8	445/95R25 on aluminium	3 sheave	0	brakets + drum	500
16.500	82.500	10x8	445/95R25 on steel	1 sheave	21	swing-away jib incl. Attachments	500

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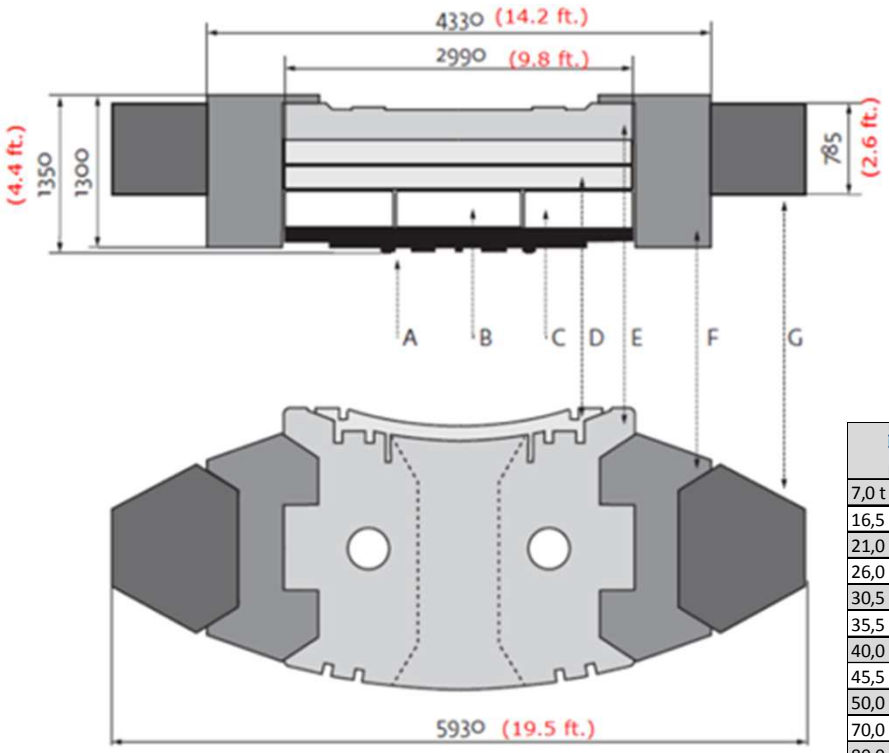
NEW!

Counterweight



➔ One counterweight configuration for the whole world

➔ Heavy roadable configuration: 21t (23.1 USt) maximum on crane for 16.5t (18.2 USt) load per axle* Best in class!

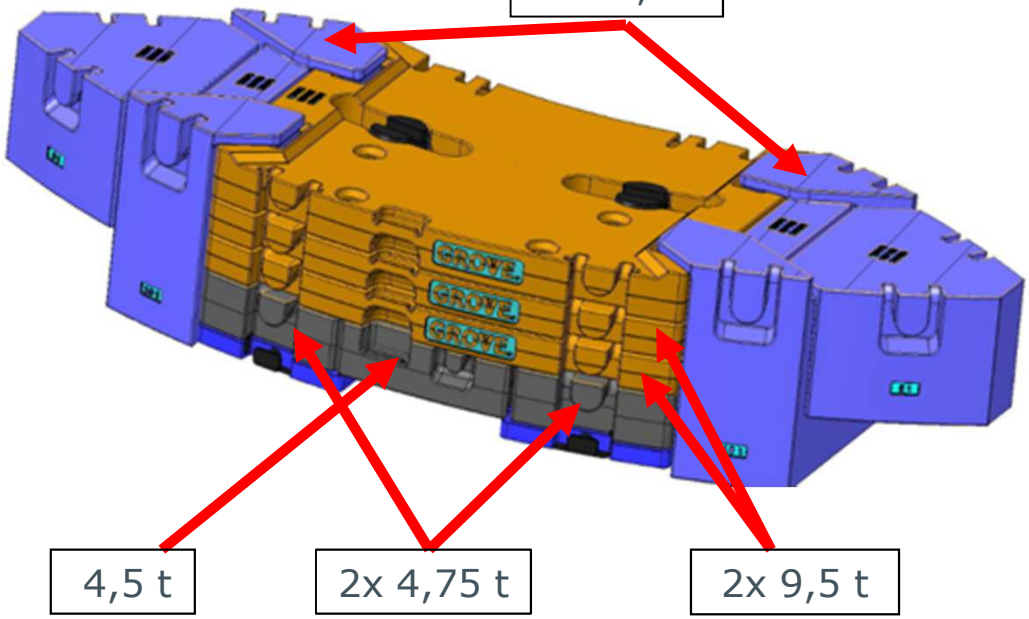
➔ Base plate and first layer (21t (23.1 USt) = A, B and 2xC) rigable at once

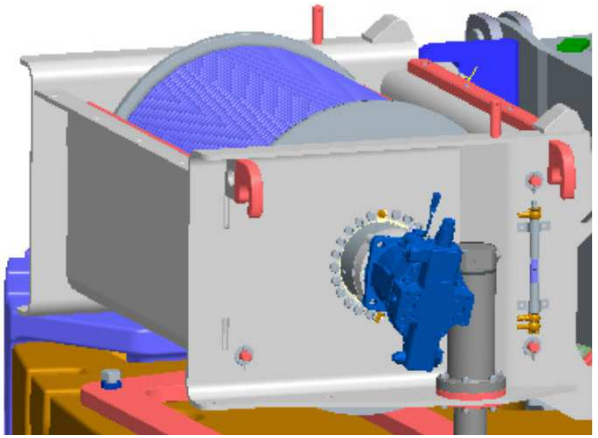
	A 7,0 t (7.7 USt)	B 4,5 t (5.0 USt)	C 4,75 t (5.2 USt)	D 9,5 t (10.5 USt)	E 10,0 t (11.0 USt)	F 5,0 t (5.5 USt)	G 5,0 t (5.5 USt)
7,0 t (7.7 USt)	x						
16,5 t (18.2 USt)	x		2x				
21,0 t (23.1 USt)	x	x	2x				
26,0 t (28.7 USt)	x		2x	x			
30,5 t (33.6 USt)	x	x	2x	x			
35,5 t (39.1 USt)	x		2x	2x			
40,0 t (44.1 USt)	x	x	2x	2x			
45,5 t (50.2 USt)	x		2x	2x	x		
50,0 t (55.1 USt)	x	x	2x	2x	x		
70,0 t (77.2 USt)	x	x	2x	2x	x	2x	
80,0 t (88.2 USt)	x	x	2x	2x	x	2x	2x

* Optional adapter frame required to hold slab B on rear of crane for equal weight distribution

Counterweight interchangeability

NEW!





Auxiliary hoist

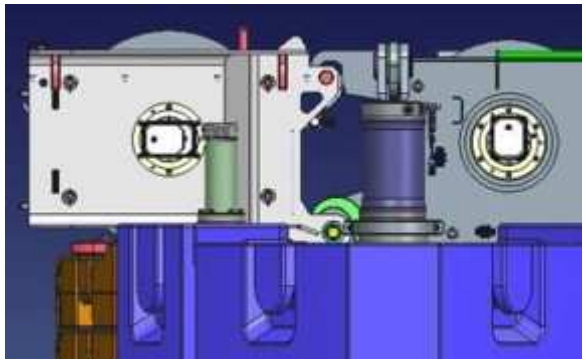
Interchangibility with counterweight slabs of GMK6300L,GMK5180/5200
Possible to use same aux. hoist of GMK6300L (small update required)

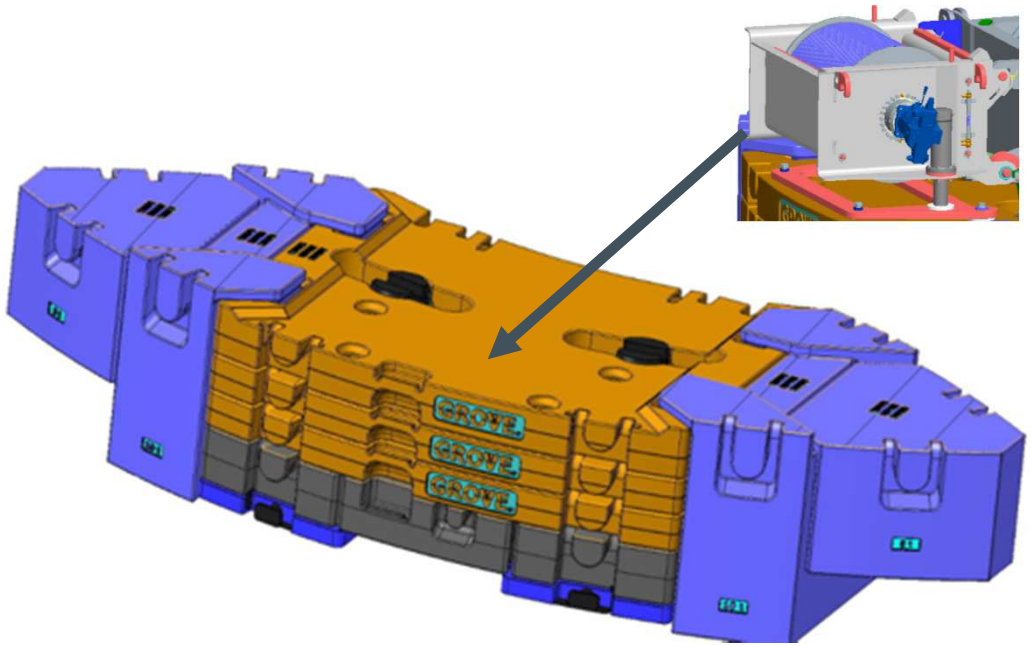
Advantages

→ *Logistics. Storing counterweight on different locations*
→ *One hoist for two models saves costs*

NEW!

Counterweight and auxiliary hoist rigging



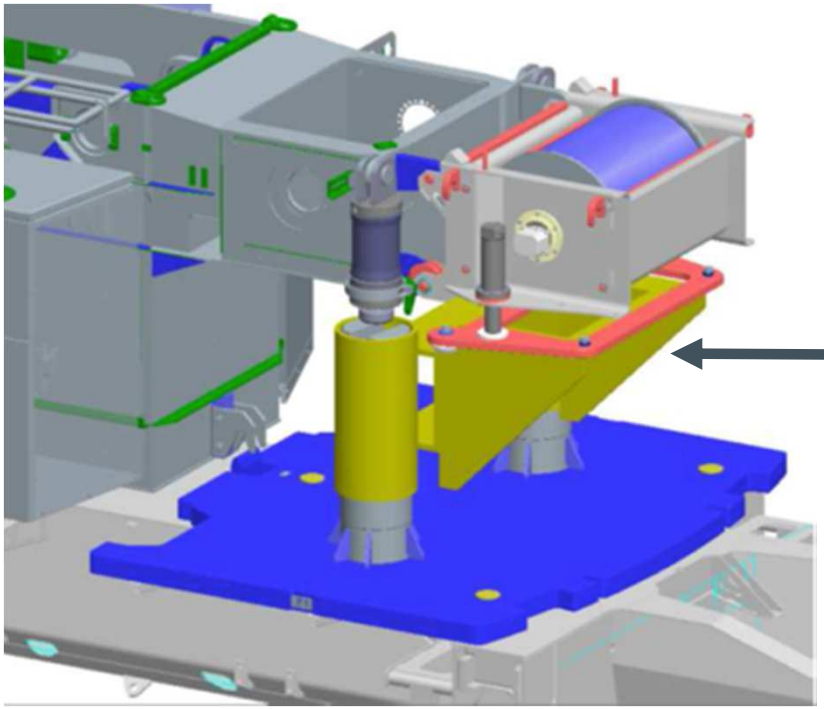


The **self rigging** procedure of the **auxiliary hoist** is possible with various counterweight configurations.

Advantages
→ *No auxiliary crane needed for installation → less mobilization and rigging costs*
→ *Fast and operator friendly rigging*

Counterweight and auxiliary hoist rigging

NEW!



Optional: For the configuration with base plate only, a rigging frame simulates the counterweight.

Advantages
→ No max Counterweight and aux. crane needed → less mobilization and rigging costs

Carrier Cabin

NEW!

- Adaption of new look of drivers cabin from big AT cranes
- More driving comfort and better ergonomic instrumentation for driver
- Improved heating- and cooling system with air-condition as standard
- Better visibility thru cabin width
- Better aerodynamic
- Noise reduction
- Increased quality
- Rust free glass-fiber and aluminum composite

Benefits

- *Best in class comfort and operator convenience*
- *The "second" home for the operator.*

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NEW!

Crane Control System (CCS) Carrier

- Full graphic display
- For better visibility
- New ergonomic multi-function steering wheel

Cameras - rear view optional

NEW!

MenuScreen

RearCameraScreen

- Rear view camera option on carrier CCS screen.
- Automatic when in reverse gear or manually usable.
- Can be used when driving forward.

Benefits

- *Good visibility*

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NEW!

Carrier engine: Mercedes-Benz

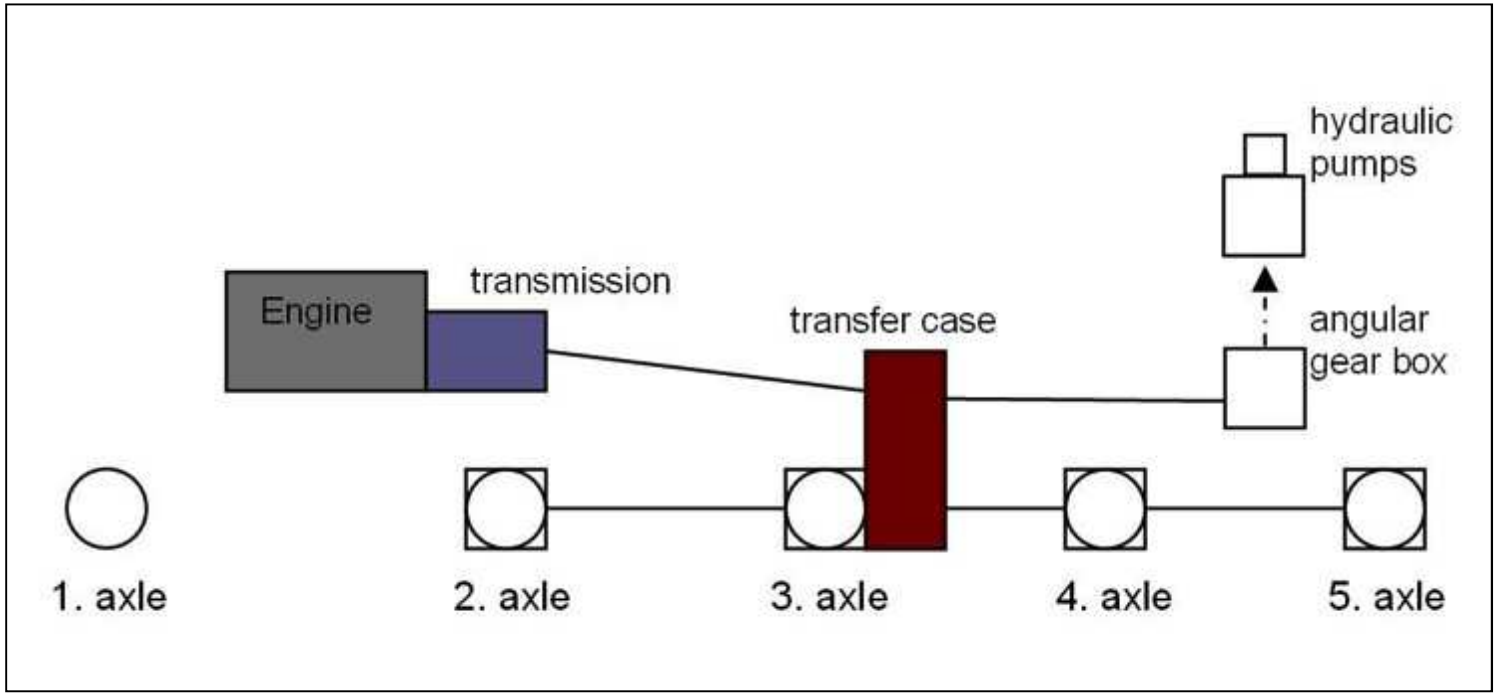
Latest engine technology including EPA Tier 4 final/Euromot IV

- Six-cylinder in-line water-cooled diesel engine, turbocharged with intercooler OM471 (523 HP (390 kW)/ 1814 ft lb (2460 Nm)
- EPA Tier 4 final/ Euromot IV compliant with limits for nitrogen oxides and particle emissions
- High pressure fuel-injection system with unit injection pumps controlled by solenoid valves.
- Electronic engine management
- Selective Catalytic Reduction – reduces the No_x by 90 %
- Mercedes service and parts distribution all around the globe

NEW!

Single engine concept

Carrier engine provides superstructure operation through one simple and reliable angular gear box.
Hydraulic pumps are connected directly with the angular gear box in the center of the slew bearing.

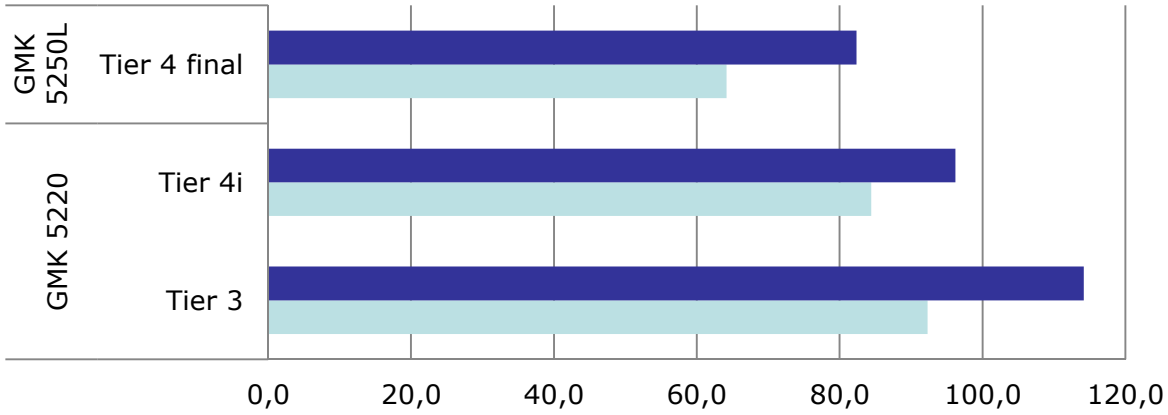


Benefits

- → *One angular gear box for good fuel consumption*
- → *Low noise and comfortable operation*
- → *Less weight for better load charts*
- → *Less maintenance (only one engine)*

Fuel consumption vs. GMK5275(5220)

Fuel consumption Driving operation [l/100km]



	GMK 5220				GMK 5250L
	Tier 3		Tier 4i		Tier 4 final
City/ Country roads	114,2	→ - 16%	96,2	→ - 15%	82,4
Highway	92,3	→ - 11%	84,4	→ - 24%	64,2
Average (30% City/ Cross roads, 70% Highway)	99,0	→ - 12%	88,0	→ - 21%	70,0

Advantages

- → *26% less fuel consumption compared to Tier 4i (Euromot 3B) version*
- → *Potential fuel savings 10.000km/year = 2.340 EUR*

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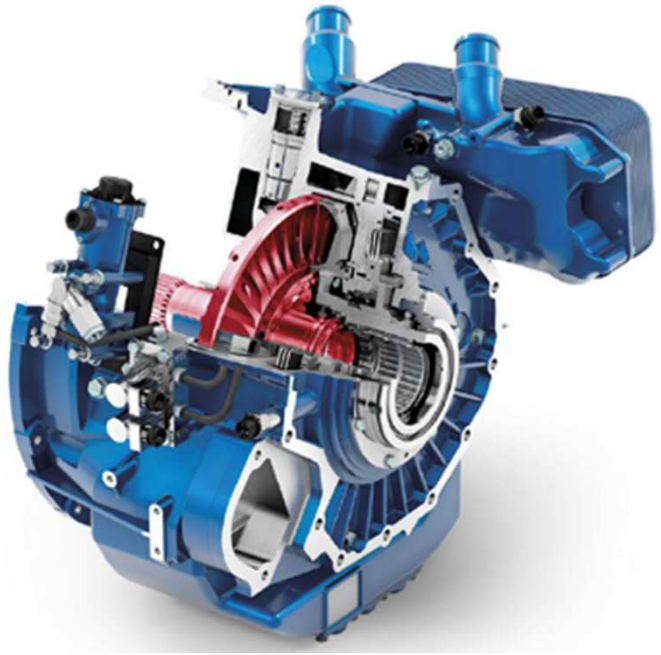
NEW!

Turbo retarder clutch VIAB



Wear-free Integrated Starting and Braking System

VIAB is a **turbo coupling** and
integrated **retarder** all-in-one.

VIAB combines

- → Wear-free **starting** and **maneuvering**
- → Efficient **driving** with automated manual transmission
- → Wear-free **braking**

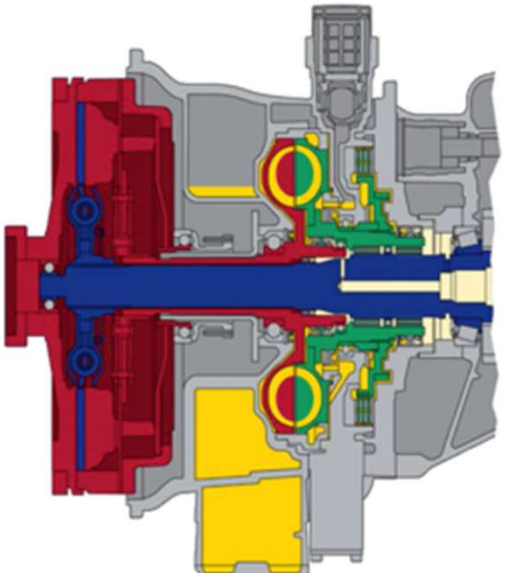
Benefits

- → *Exceptional maneuverability*
- → *No overheating and burning of the clutch (less maintenance)*
- → *Smooth creeping on job site*
- → *Powerful integrated retarder standard*
- → *Less weight and less space*

Turbo retarder clutch VIAB

NEW!

- Starting/ Maneuvering
  - ***Full utilization of the engine torque*** of maximal 2,213 lb. ft. (3.000 Nm) up to the traction limit
  - ***Maximal tractive power*** during start-up already at 1.100 rpm
  - Unlimited start-up/ maneuvering possible by ***high thermal stability (no overheating and burning of the clutch).***
- Driving
  - Short shifts by the combination with new Mercedes Benz PowerShift 3
  - ***Lower fuel consumption*** when driving with friction clutch
- Braking
  - ***Most efficient braking effect***
  - Up to 2,213 lb. ft. (3.000 Nm) ***permanent braking torque*** in combination with ***high-performance engine brake*** throughout the whole speed range



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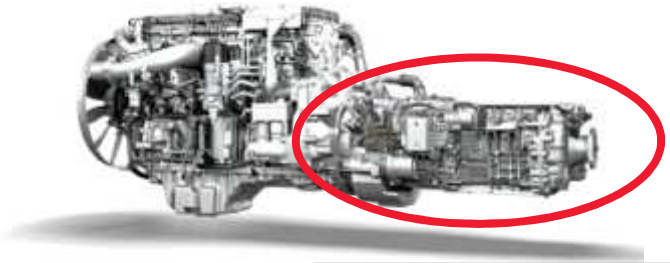
NEW!

Turbo retarder clutch VIAB benefits



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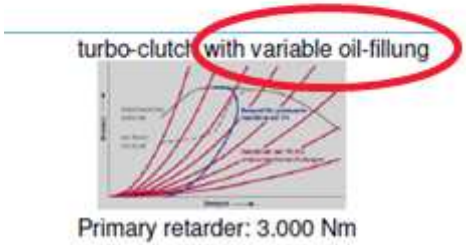


Md= 3.000 Nm

Creeping mode included

High overall gear ratio allows

→ Low engine speed at cruise speed

→ Creeping with closed clutch

→ Hydrodynamic coupling/ converter

→ Hydrodynamic retarder

→ Turbo clutch with variable oil-filling

Higher torque than competitive full automatic transmissions

Yes

Benefits

→ *Optimal rpm range and lower fuel consumption*

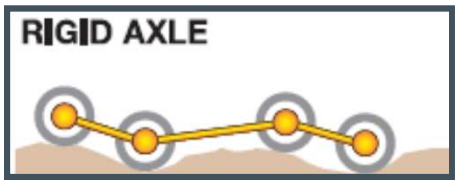
→ Wear-free creeping and breaking
→ *No overheating and burning of the clutch due to variable oil filling depending on usage*
→ *Less maintenance*

→ *More power*

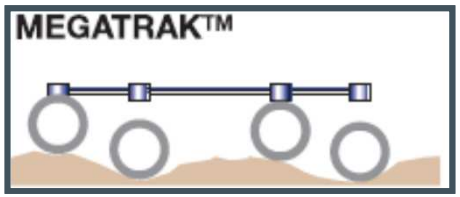
→ *No need of 2 speed transfer case*

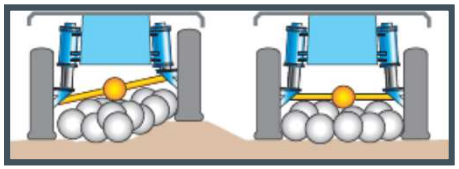
Suspension technology Megatrak™

MEGATRAK™ is Grove's patented independent suspension and all- wheel steer System. Each wheel is able to remain on the ground at all times, so that stresses and weight are not continually transferred between axles.

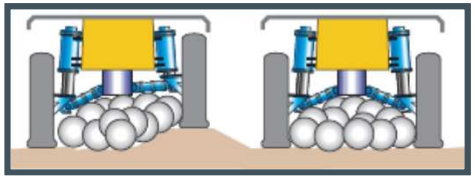


Traditional suspension systems may raise the body of the crane, but does not increase ground clearance.





MEGATRAK™ does, as the differential is attached to the base of the carrier, offering a ground clearance up to 600 mm.

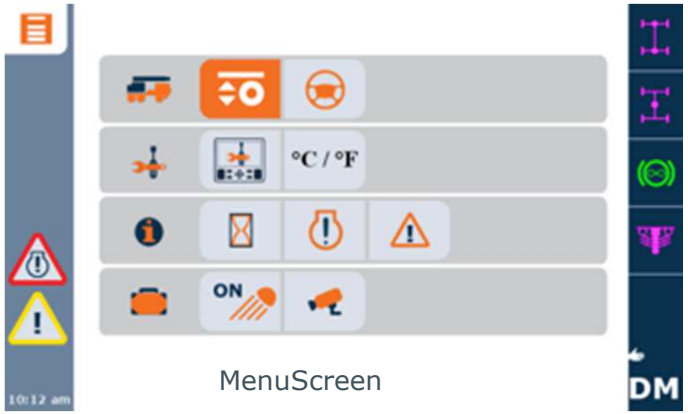


Suspension can be raised or lowered (both front/back and side to side by +170 mm/-130 mm on models with top steered **MEGATRAK™** Cylinder +160 mm/-130 mm directly from the carrier cab and automatically leveled for road travel. **MEGATRAK™** also allows the use of a deeper carrier cross section, which improves the overall torsion strength of the crane.

Suspension technology Megatrak™

Features	Benefits	Customer Benefits
True ground clearance	→ Easier access to unprepared job sites	→ *Get more / different jobs done*
Maximum ground contact	→ No conventional axles	→ *Maintenance free Megatrak suspension*
	→ Weight evenly distributed	→ *Less tire wear reduces operating costs*
Driveline aligned	→ All axles remain in use all the time angles do not change	→ *Equal axle weight distribution at all times*
Steering linkage under and through carrier chassis	→ Protected steering rods	→ *Less maintenance, less operating costs*
Deep carrier frame cross section	→ Provides stronger lifting platform	→ *No damages, maintenance free*
Travel on jobsite counterwieght	→ Driving the rigged crane with full	→ *Better load charts*
		→ *Faster set-up and movement on job site*
Reliable suspension system	→ No maintenance required	→ *Less operation costs*

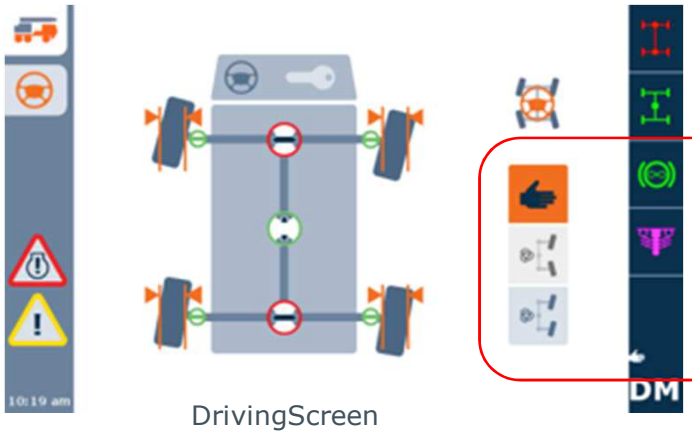
GMK5250L Steer by wire



MenuScreen

An easy to use all-wheel system gives the best steering on or off highway, eliminating tire scrub and stressed on non steering axles.

Exceptional maneuverability allows even the largest fully rigged GMK to get as close to the lift as possible. Other systems, where one or more „death weight" hanging axles remain fixed – lead to higher axle loads, driveline maintenance problems, increased ground pressure and tyre wall stress. All-wheel steer enables a fully laden crane to distribute weight evenly across all axles.



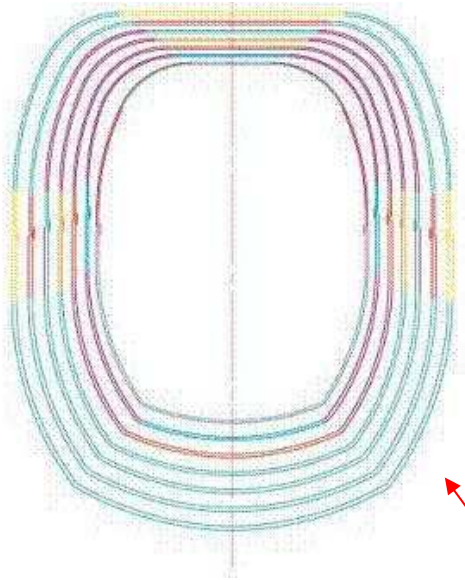
DrivingScreen

- Manual mode
- Minimum turning radius mode
- Crab steer mode.

Advantages

→ *Optimal steering for better maneuverability*
→ *Less tire wear and less maintenance costs*

Boom technology



No Stiffeners on Base Section
(Saves Weight without loss of capacity) - 1100 Steel

MEGAFORM™

7 Section 13,27 m - 70,00 m Boom
(with Megaform Shape Base Section)

Benefits

→ Weight optimized to get stronger load charts → see comparison slides
(5 axle crane gets 6 axle jobs → higher rating, higher rate, higher utilization

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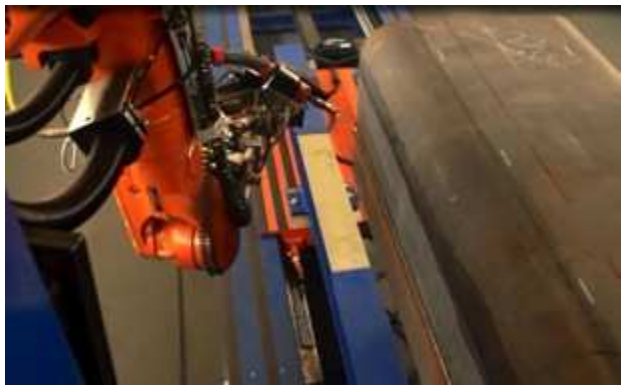
NEW!

Boom technology laser hybrid welding

NEW welding procedure:
Single weld layer with robotic laser hybrid



Old welding procedure: Manual 3 weld layers

Boom technology laser hybrid welding II

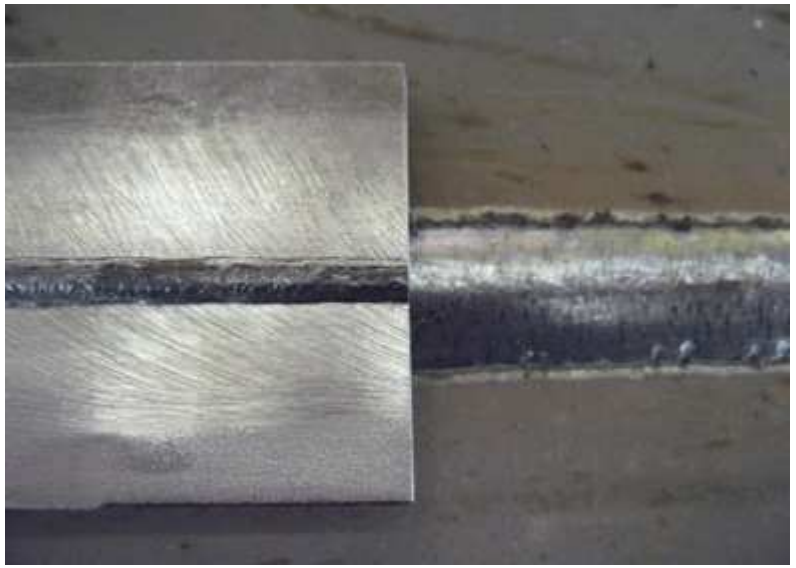
NEW!

Boom section laser welding is full automised.

→ **One single welding layer only** instead of 3 welding layers in the past

Benefits
→ *Weight savings*
→ *Higher quality*

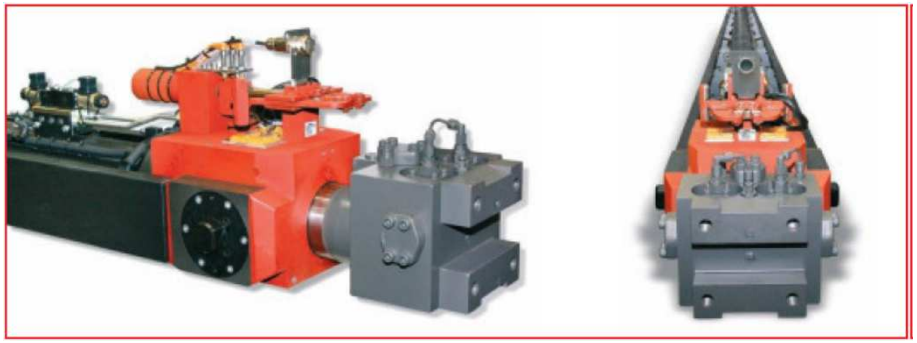
Laser hybrid weld seam

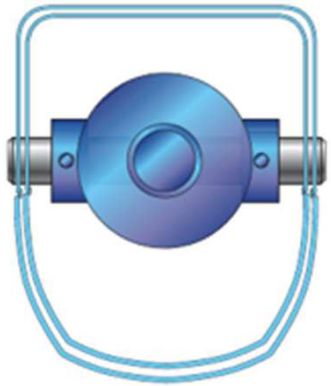


Traditional weld seam (old style)

Boom technology Grove Twin Lock™

TWIN-LOCK™ is a fully hydraulic system with electronic controls. It features a single telescopic cylinder that used **two horizontally-mounted pins** to move a boom section into the required position. The use of two pins **increases security** and their position in the side of the boom means they operate in the neutral zone. The use of a single telescope cylinder **reduces weight** used elsewhere to strengthen the crane, and increases lifting capacity.





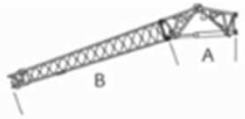
Swetched end rope socket (standard)

Benefit
Operator convenience: → *Easy handling and reeving through the boom head and hook blocks*

Swing-away jib configurations

NEW!

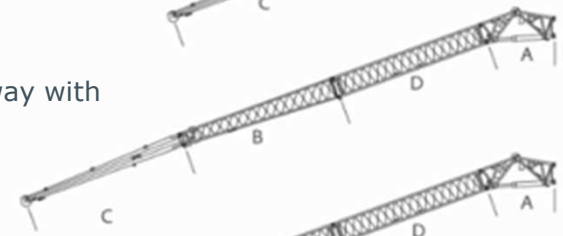
Hydraulic swing-away jib



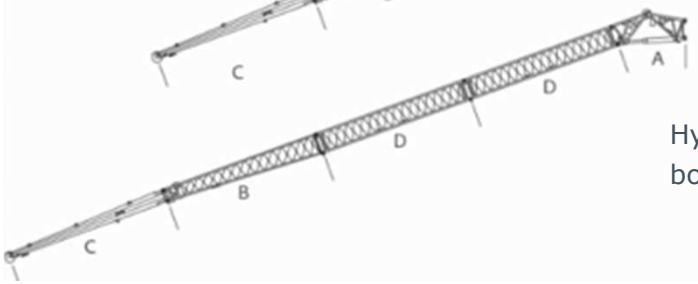
39 ft. (12,5m)

69 ft. (21,3m)

Hydraulic swing-away with jib extensions



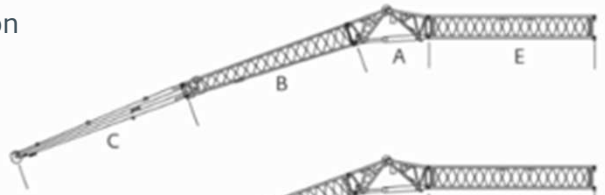
95 ft. (29,3m)



5 - 50° off set-able hydraulic swing-away with jib and boom extensions

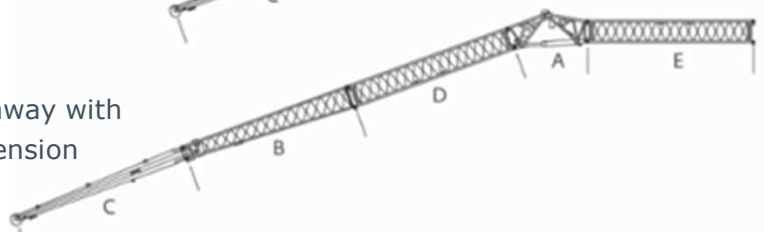
Hydraulic swing-away with boom extension

67 ft. (20,5m)



95 ft. (29,3m)

Hydraulic swing-away with jib and boom extension



121 ft. (37,3m)

Benefit

Potential higher utilization:
→ *Best flexibility and reach over obstacles*

GROVE
by Manitowoc

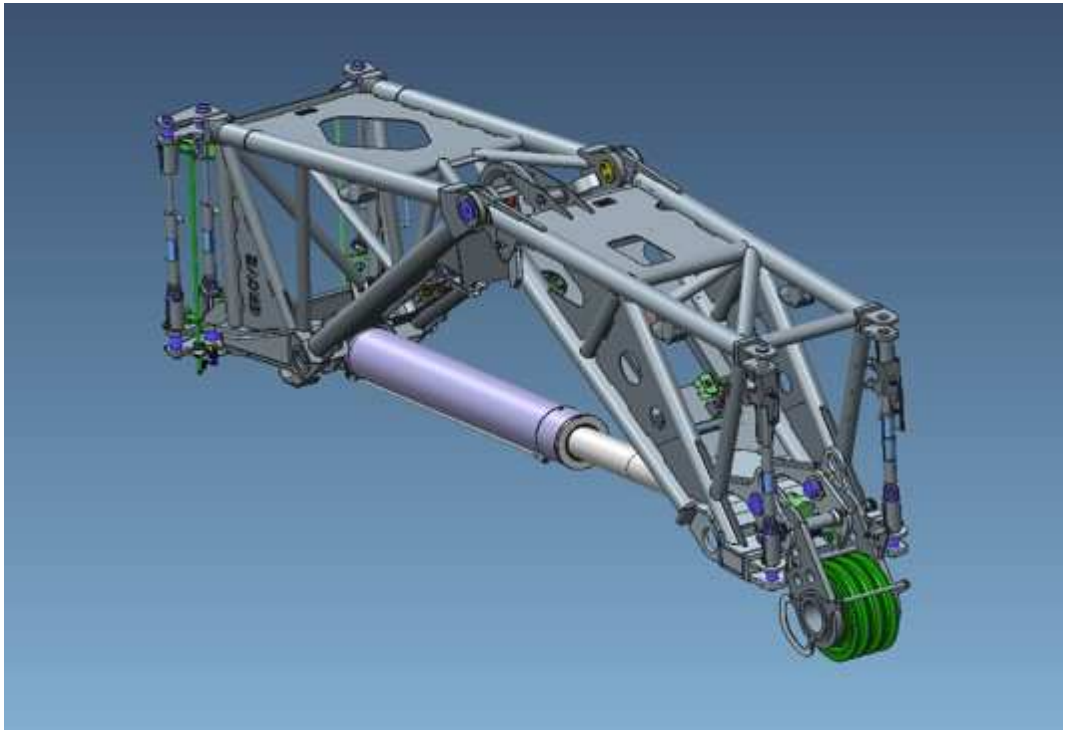
NEW!

Swing-away jib configurations

37 m jib
with jib inserts

Easy installation of the swing-away jib with hydraulic pinning on the boom head

Heavy duty jib (optional)



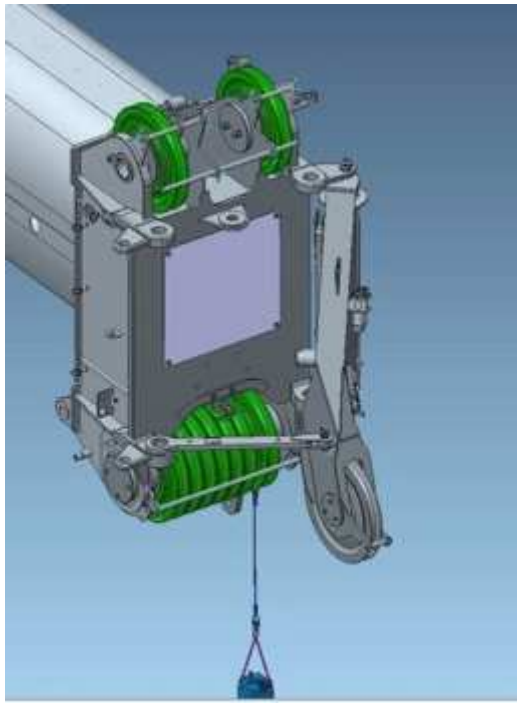
- Heavy duty jib 13.5’ (4m) for more flexibility on job sites
- 5-50° hydraulic off set-able for bigger working range
- Working indoors, turning loads with two hoist operation.
- Hydraulic pinning for easy and fast installation
- New jib and boom extension configurations

Benefits

→ *Used for indoor operations and heavy lifts*

Aux boom nose (optional)

NEW!



Auxiliary boom nose with 2 lines of rope

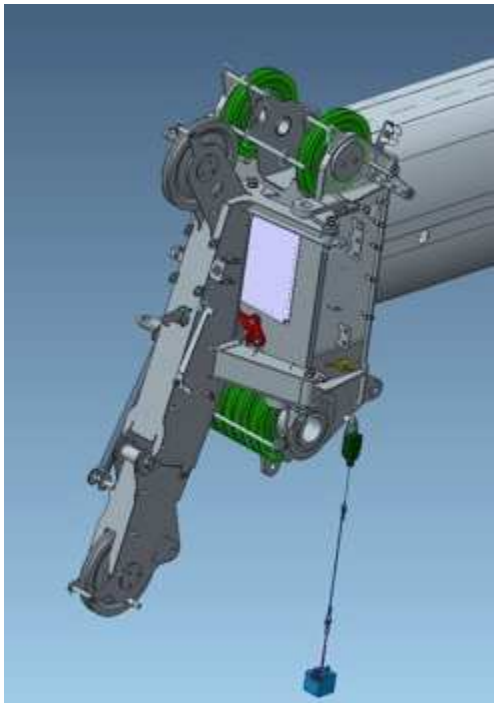
Benefits

- → *Often used for **two hook block operation** (in combination with the aux. hoist)*
- → ***Turning loads** (e.g. precasted loads)*

Auxiliary boom nose with 1 line of rope

Benefits

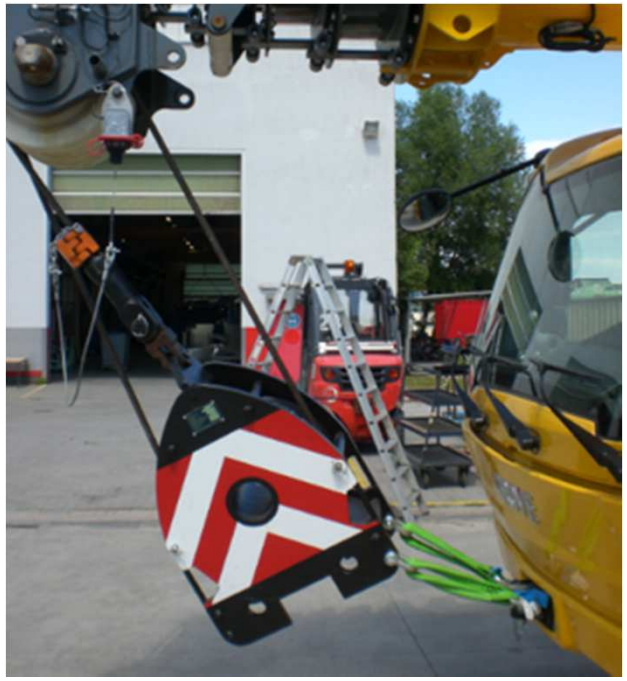
- → *Used for **two hook block operation** (in combination with aux. hoist) with main hook block over boom head and **small headache ball** over the boom nose*
- → *Headache ball is used for fast and light lifts on one line of rope ´, whereas the main hook block is used for the heavy loads (reeved with more than 1 parts of lines)*



Split hook block (optional)

NEW!

- Hook block can be taken off, so that the sheaves stay on the machine
- Easy and fast pinning to disconnect
- 275 kg upper and 675 kg lower part



Benefits

- *Operator convenience and efficency with faster rigging and handling*
- *Less weight on the crane to comply with road regulation requirements*

GROVE by Manitowoc

NEW!

Crane Control System (CCS) superstructure

- 2 Full graphic displays
- Vertically mounted for better visibility

- Jog dial for easier input
- New ergonomic joysticks

Benefits

Operator convenience:

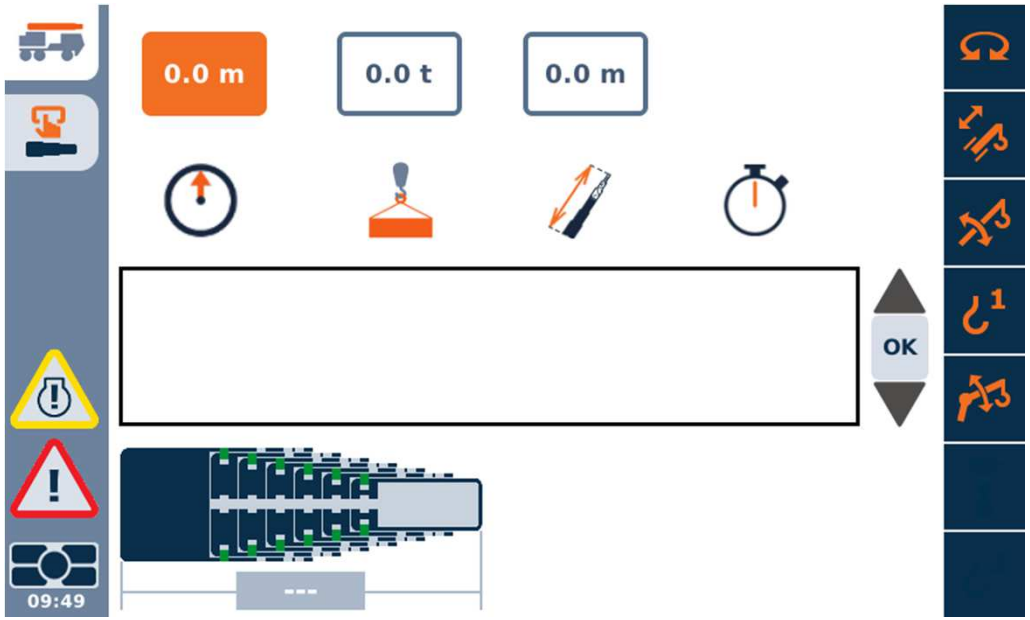
- Intuitive and user friendly operating system.
- One Manitowoc system for all crane models (same as on new RTs, Crawler or Tower cranes)

Boom configurator main screen

NEW!

The boom configurator allows inputs for:

- ➔ Radius
- ➔ Load
- ➔ Boom length



Benefits

Operator convenience/ efficiency:

➔ *The boom configurator always selects out of the previously entered rigging configuration (outrigger base, counterweight, jibs,…)!*

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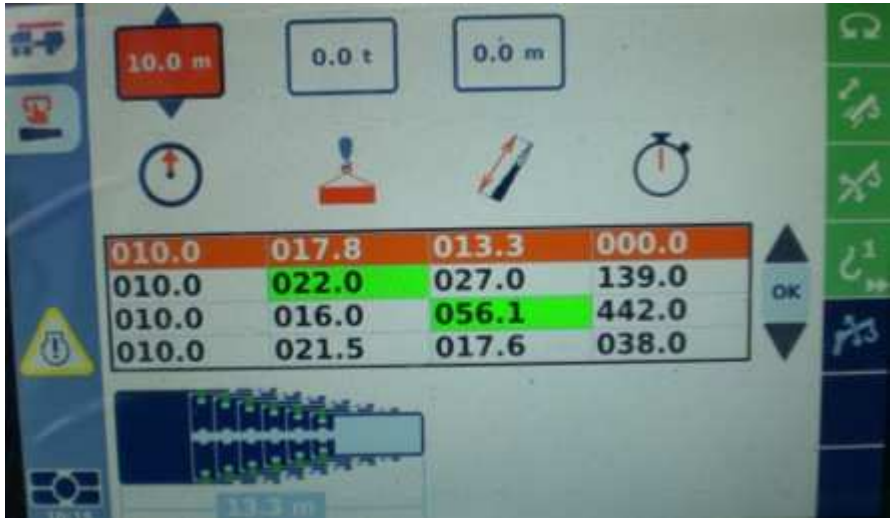
by Manitowoc

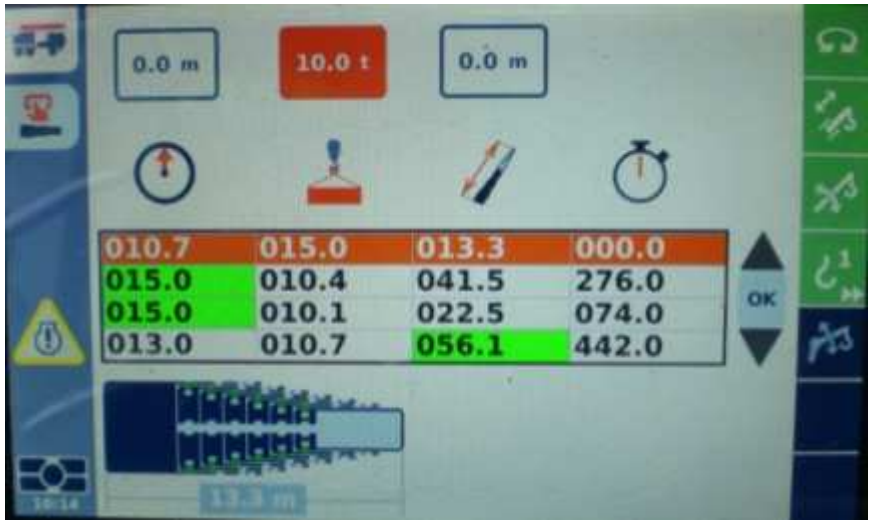
NEW!

Boom configurator load input example

1. In this case the operator knows that he needs to lift: a load by 10m radius



2. In this case the operator knows that he needs to lift: a 10t load



Benefits

Operator convenience/ efficiency:

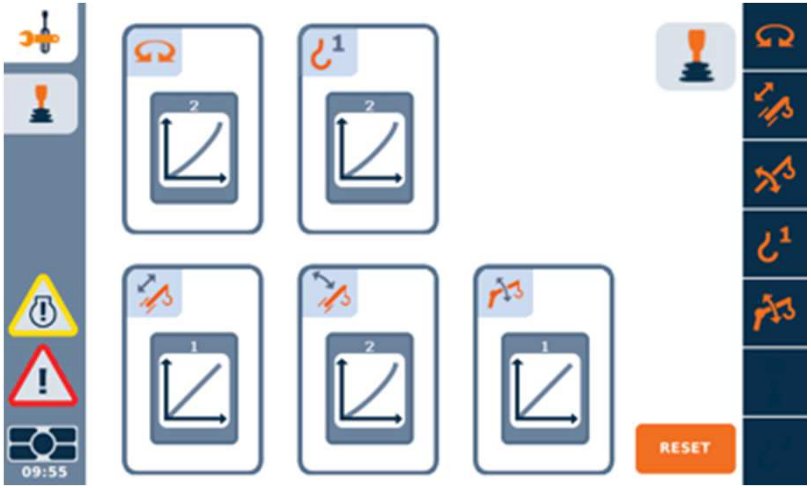
→ *The boom configurator offers always best radius, maximum load, longest/shortest boom and the quickest sequence*

→ *Fast set-up*

CCS new additional content

NEW!

Joystick functions set-able for all crane functions (turning, hoisting, boom telescoping and jib operation).



Joystick response curves

Reset button for return to basic setting.

Operating speed preset between 0% and 100%.

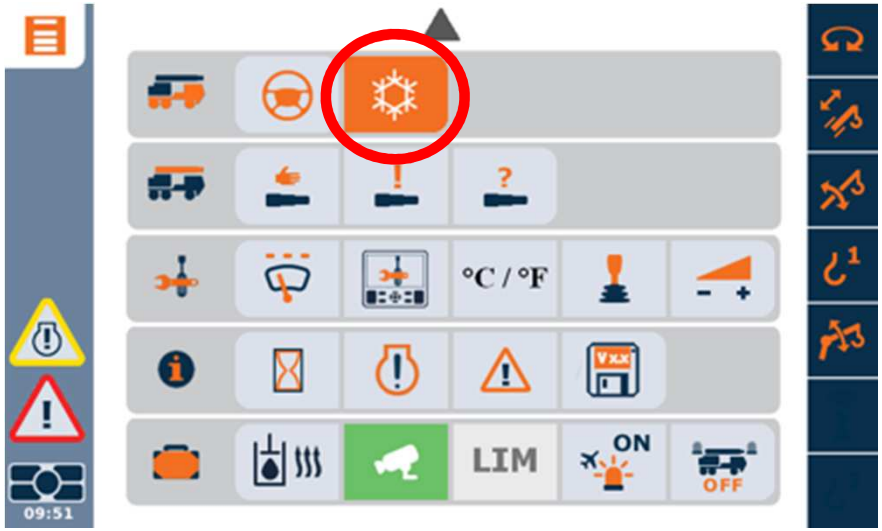
Benefit

Operator convenience:
→ *Crane operation selection to the operator´s preference! (more sensitive use)*

NEW!

CCS new additional content

Air condition icon



Air condition menu

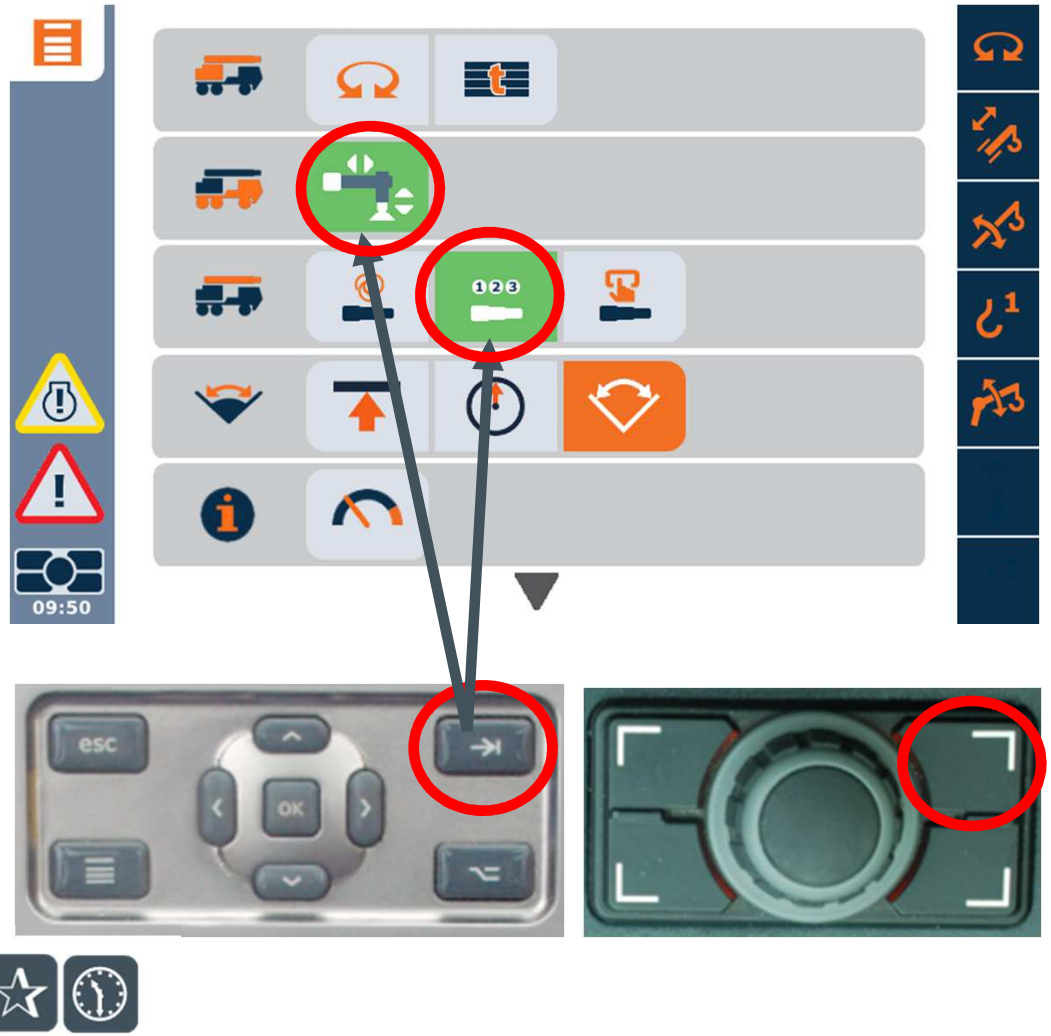
Benefit
Operator convenience: → *Easy and intuitive control of the air conditioner and heater*

CCS New Additional Content

NEW!

- Setting of 2 or more short-cuts (e.g outrigger or telescoping menu)
- Easy and fast changeover between short-cut menu through
  - Tab button below screen

    or
  - Jog dial (located in operator seat)



Benefit

Operator convenience/ efficiency:
→ Faster and more convenient use of the operating system.

CCS New additional content

NEW!

Displaying the operating hours

- The value indicates the **total operating hours**.
- The value shows the **individual (?) operating hours**, which can be reset (e.g. to track rental duration).
- Reset with pin code possible only.

GMK5250L Superstructure

More storage space on the left side of the superstructure for tools or lifting utilities.

Slewing gears (3) located in superstructure housing.

Benefits

→ *More space*

GMK5250L Working at height

Anti-slip protection on carrier decking.

Plane carrier deck

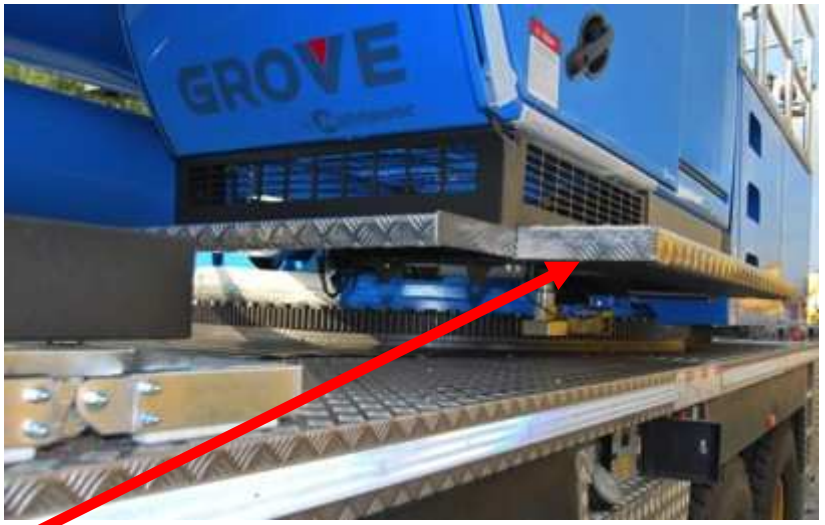
Guard rail around the superstructure

Benefit

→ *Convenient and guided working environment for the operator*

GMK5250L Working at height

Retractable foot walk.



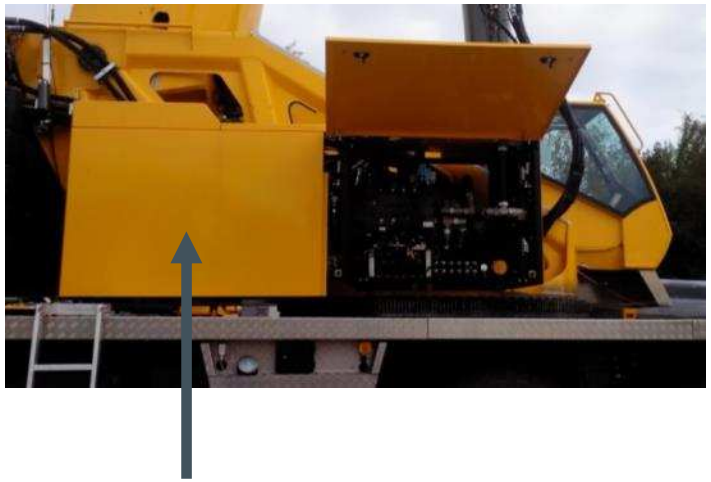
Retractable foot walk is standard.

Can be operated from carrier and superstrucure.

Benefit

→ *Convenient and guided working environment for the operator*

GMK5250L Superstructure periphery



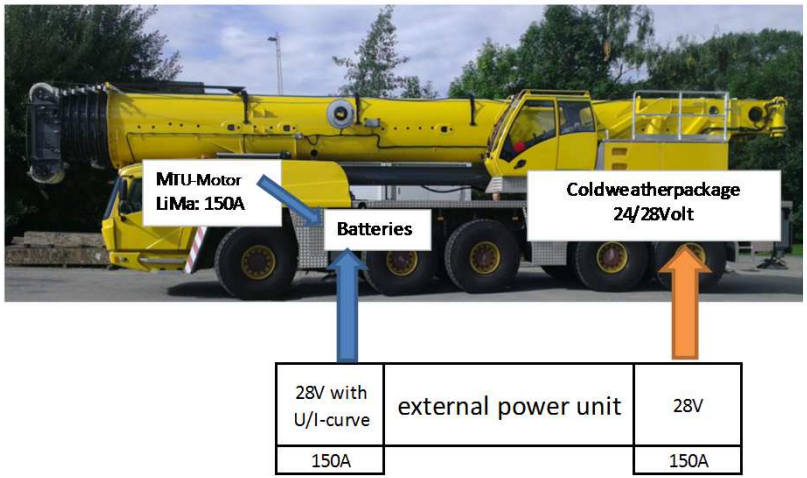
Hydraulic tank in superstructure means no oil for crane operation through swivel. Carrier supplies power through Kessler gear connected to superstructure pumps.

Hydraulic service connections and oil cooler inside superstructure housing.

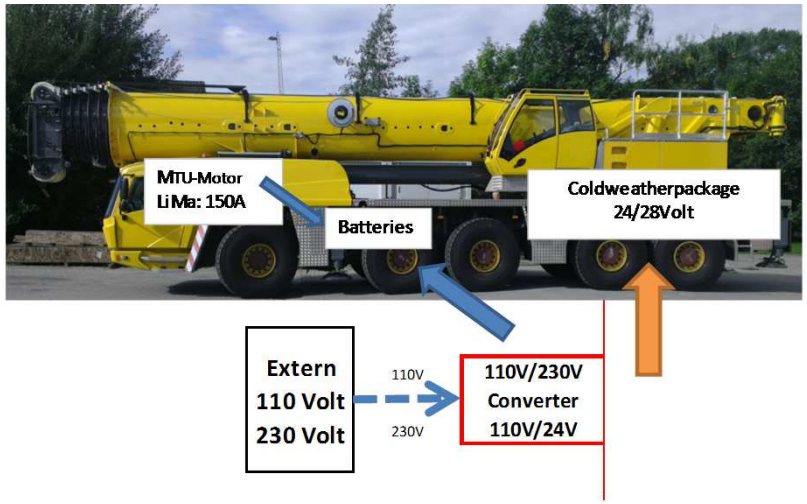
Benefit
→ *Good accessibility for maintenance work*

GMK5250L Fuel saver

2 options:



Integrated power supply via small diesel engine unit



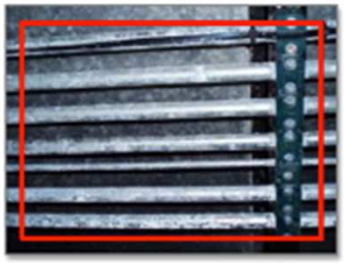
External electrical power supply via plug on job site or generator

Benefits

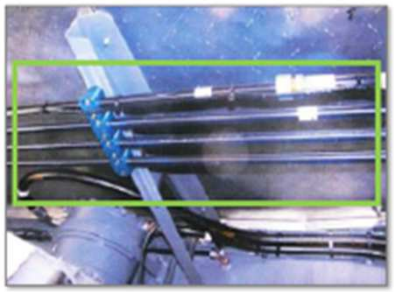
- → *Good Less fuel consumption in idling mode*
- → *Less operating hours of the engine reduces maintenance costs*

Reliability & maintenance

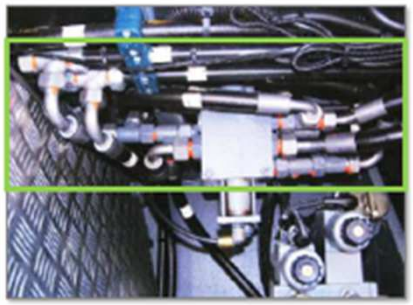
Product Quality Improvement



Better corrosion protection through painted valve blocks



Better corrosion protection trough usage of plasic coated hydraulic tubes



Better corrosion protection trough usage of zinc-nickel fittings

Benefit

→ *Manitowoc sets new industrial standards with corrosion protection to extend the lifetime of your vehicle.*

Crane Star

> A *fleet management tool* with several customer benefits!

Benefits

Manage your assets

→ **Fleet management -** Improves your asset utilization
→ **Machine location –** Allows you to identify where your equipment is working, anywhere around the globe
→ **Lift monitoring –** Reports exact amount your crane is lifting
→ **Work monitoring –** See how productive your cranes are with real data
→ **Machine performance and maintenance –** Be assured your cranes are working in top shape

CraneSTAR

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by Manitowoc

NEW!

Job site planning Cranimax

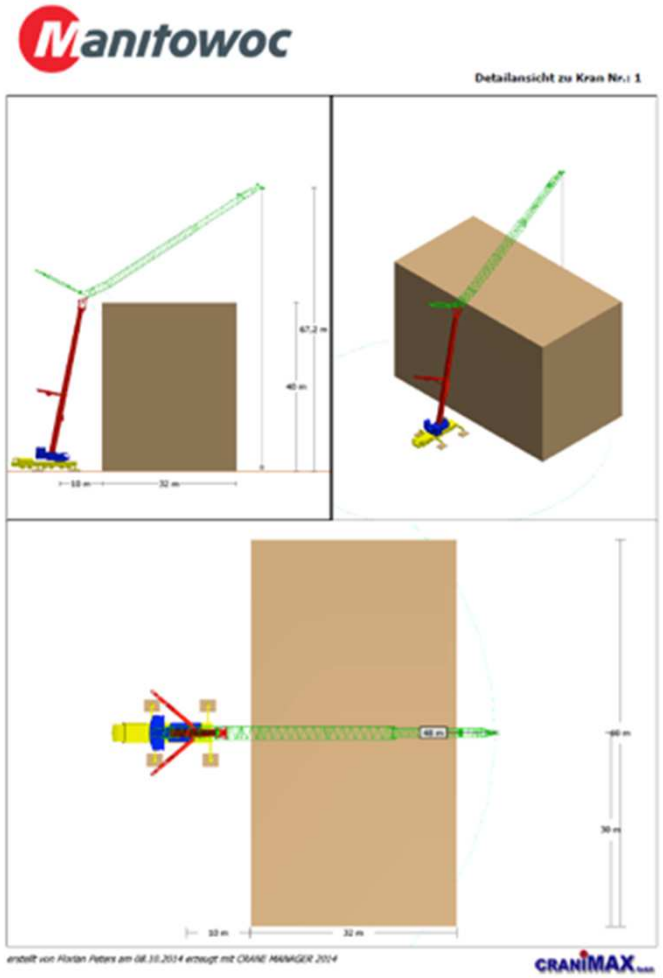
Benefits

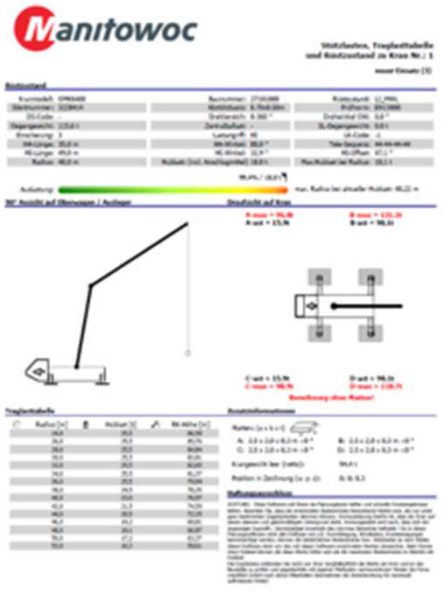
- → *Best state-of-the-art job site planning with simplified 3D function*
- → *Intuitive and easy to use software for a quick and accurate verification of load charts, degrees of freedom and calculation of outrigger loadings*
- → *Single or more cranes multi lift planning*
- → *All results are calculated depending on crane set-up*
- → *High class print-outs for job biddings*

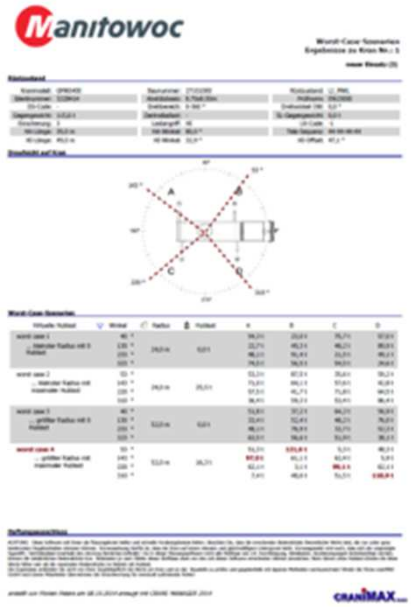
GROVE
by Manitowoc

NEW!

Job site planning Cranimax







Left picture: Visual job site layout **Top left:** Crane configuration including all lift details **Top right:** Outrigger pressure information

Benefits

- → *Professional job site planning to win more jobs*
- → *Free-of-charge high end solution*

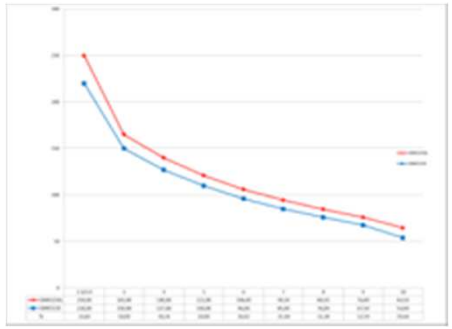
Comparison vs. GMK5220 general specification

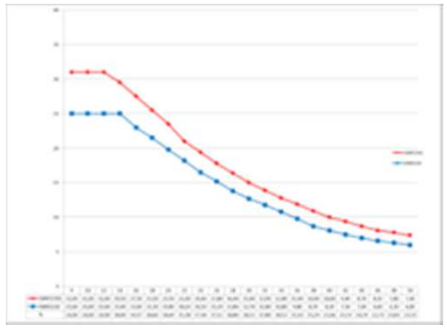
	Benefits
250 t vs. 220 t capacity rating 2 m longer boom	→ Higher rental rates → More reach
12% stronger load charts in average 14,5 t @ 70 m boom vs 14 t @ 68 m boom 18,2 t @ 67 m boom vs. 14 t @ 68 m boom	→ Higher utilization
More standard equipment (Air conditioning, heater, retarder, camera, WRL) Improved GVW with 16“ tires... More jib configurations possible Aux boom nose with 2 lines of rope More stowage space Swetched end rope socket standard	→ 12t per axle → More flexibility/reach → More capacity → More convenience → Easier handling

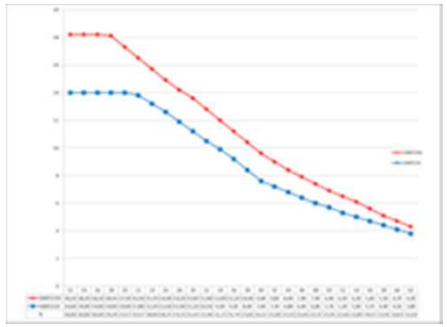
Comparison vs. GMK5220 load charts

Main boom with maximum counterweight:

	GMK5250L	GMK5220	
Counterweight	80t	77t	
Outrigger base	100%	100%	**Advantage in %**
Boom length in m	**13,27**	**13,30**	+12,08
	18,57	**17,85**	+10,04
	23,60	**22,60**	+8,02
	42,30	**40,90**	+8,03
	54,55	**54,55**	+20,90
	61,49	**59,10**	+16,74
	66,87	**68,00**	+22,28
Overall			+12,50







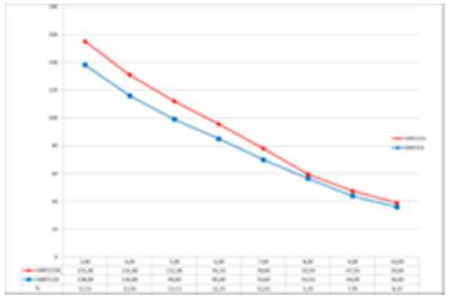
Main Boom Comparison

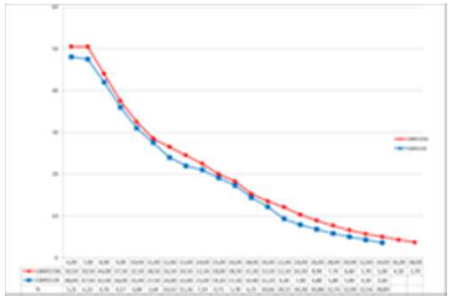
Improved load charts on short, medium and long boom
→ *Average 12% more than GMK5220*
→ *Up to 30% on long boom (18,2t vs 14t)*

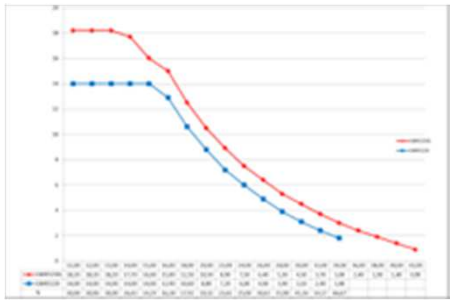
Comparison vs. GMK5220
Load charts – main boom

Main boom with maximum roadable counterweight:

	GMK5250L	GMK5220	
Counterweight	21t	16t	
Outrigger base	100%	100%	**Advantage in %**
Boom length in m			
	13,27	**13,30**	+10,47
	18,57	**17,85**	+9,12
	28,54	**27,20**	+9,28
	33,50	**31,70**	+6,24
	42,30	**40,90**	+15,64
	51,05	**49,90**	+14,66
	61,49	**59,10**	+14,27
	66,87	**68,00**	+32,59
Overall			+10,45







Main Boom Comparison

- → *21 t roadable on the crane in boom over front configuration.*
- → *5 t more possible on crane then previous GMK5220 model.*
- → *Heavy roadable counterweight standard for every machine.*

Comparison vs. GMK5220
Load charts – main boom

Main boom with 0 t counterweight (taxi):

	GMK5250L	GMK5220	
Counterweight	0t	0t	
Outrigger base	100%	100%	**Advantage in %**
Boom length in m	**13,27**	**13,30**	+0,02
	18,57	**17,85**	-0,75
	28,54	**27,20**	+4,65
	33,50	**31,70**	-2,42
	42,31	**40,90**	-1,22
	51,05	**49,90**	+2,15
	54,55	**54,55**	-13,16
	56,08	**58,60**	+19,31
Overall			+1,07

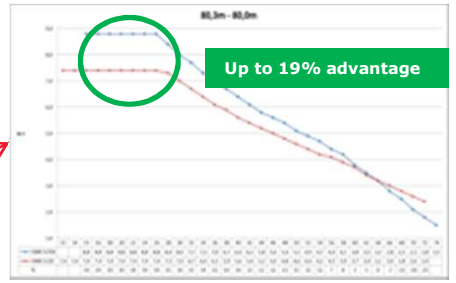
Taxi counterweight (0t):

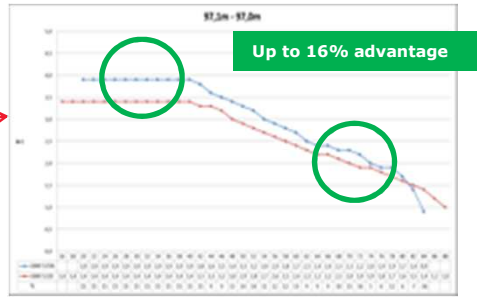
→ *Taxi load charts equal to previous model GMK5220*
→ *Slight advantages on long boom 56 m*

Comparison vs. GMK5220
Load charts – swing-away jib

Swing-away jib comparison:

	GMK 5250L	GMK 5220	
Counterweight in t	80,0	77,0	
Outrigger base	100%	100%	Advantage in %
System length in m	80,30	80,00	9,19
	89,10	89,00	8,50
	97,10	97,00	10,23
	105,10	104,00	12,24
Overall			10,04





Swing-away jib

→ 10% stronger swing-away jib charts.


Manitowoc