

GMK5180-1

Capacity: 180 t

Main boom: 13,7 m – 64 m main boom

Maximum jib: 34 m

Maximum tip height: 101 m



Operator's cab

Bi-fold hydraulic
offset swingaway jib

Six-section MEGAFORM™ boom with
TWIN-LOCK™ pinning system

Tier 4 final Mercedes OM471LA,
six-cylinder engine with Mercedes
G280 transmission including VIAB
turbo clutch

Hoist camera for main
and auxiliary hoist

Self-rigging
auxiliary hoist

Counterweight
with hydraulic
removal system
(heavy roadable
counterweight
standard)

Rear view
camera
(optional)

Steer by
wire

Boom head
camera
(optional)

New carrier cab

10x6x10
driveline,
10x8x10
(optional)

Five
position
outriggers

All wheel
steering

Disc brakes

MEGATRAK™
independent
suspension

Diamond
plate
decking

Active
suspension
control

MEGATRAK™

- Independent suspension and all-wheel steer system
- Offers a ground clearance up to 600 mm
- Suspension can be raised 170 mm or lowered 130 mm
- Driveline remains aligned at all times

Steer by wire

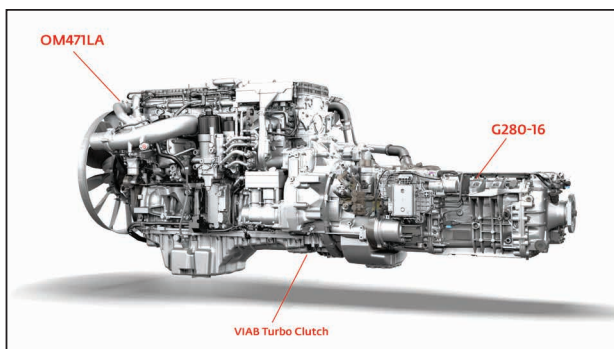
- Hydraulic-electronic steering system
- On highway: axles 4 and 5 are steer by wire based on machine speed
- Off highway: axles 4 and 5 are steered by wire, controlled by the steering wheel and independent rocker switch for coordinated, crab and independent steering
- Reduced tire wear due to optimized steering angles

TWIN-LOCK™

- Fully hydraulic pinning system with electronic controls
- Single telescopic cylinder uses two horizontally mounted pins to move a boom section into the required position while allowing the boom to operate in a neutral zone
- Reduces weight used elsewhere to strengthen the crane and increase lifting capacity

Six-section MEGAFORM™ boom

- “Egg” shaped cross-section that provides a natural cradling position
- Large easy-access wear pads provide superior boom alignment when telescoping and allow an excellent transition of weights between sections
- Less weight and larger cross section are used, giving greater lifting capacity at all radii
- Latest laser hybrid welding technology



Tier 4 final engine

- Mercedes OM471LA
- Six-cylinder engine with Mercedes G280 transmission, including new VIAB turbo clutch for smooth and powerful operation



Operator's cab

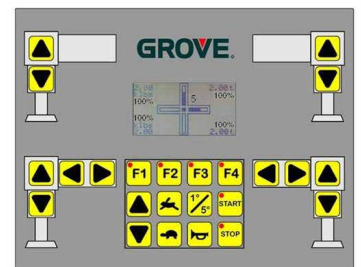
- Durable aluminum construction
- Hydraulically tilttable up to 20° for better view
- CCS full graphic display for crane monitoring

Five-position outrigger jacks

- Position settings: 0%, 50%, 66%, 83% and 100%
- Four hydraulic two stage outrigger beams with vertical cylinders and outrigger pads
- Carrier mounted controls and CCS controls located on superstructure

Man Machine Interface (MMI)

- Allows for control of the MEGATRAK™ suspension system from both sides of the carrier
- Ground clearance can be adjusted independent of the outriggers
- Offers greater flexibility on the job site
- Includes active suspension control and the outrigger pressure monitoring system is standard



Hydraulic swingaway extension

- Stows on the side of the base boom for easy transport
- 11 m – 18 m bi-fold lattice swingaway extension, hydraulically offsettable and luffing under load, 0°- 40°
- Maximum tip height: 101 m
- 2 x 8 m boom extensions
- Allows lift over obstacles in great heights
- Optional integrated heavy duty jib

