

# HG130 / HG170

| Model            | HG130          | HG170           |
|------------------|----------------|-----------------|
| Engine           | Cummins 6BT5.9 | Cummins 6BTA5.9 |
|                  | 97kW (130 hp)  | 132kW (178 hp)  |
| Transmission     | Power shift    | (ZF Technology) |
| Moldboard        | 3,658 mm       | 3,658 mm        |
| Operating Weight | 12.0 ton       | 14.5 ton        |



# MAXIMUM PRODUCTIVITY AND ULTIMATE DURABILITY

## HYUNDAI MOTOR GRADERS

Hyundai Construction Equipment strives to build state-of-the-art road machinery that meets various preferences and ensures maximum performance, higher precision, and superior quality.

Take pride in your work with HYUNDAI!



### Option

- Tire 13.00-24-12PR G-2 (for Agriculture)
- Automatic Leveling Device
- ROPS Frame
- Front Dozer (width : 2,501mm)
- Scarifier (Mid, V-type, 11 shanks)
- Ripper (3 or 5 shanks)
- Beacon Lamp (Amber)
- \* Air-conditioner (Standard)



\* Photo may include optional equipment.

# HYUNDAI Motor Grader



## PERFORMANCE FEATURES

1

### Powerful and fuel-efficient engine

Cummins and Shangchai turbocharged engines are built for maximum power and reliability. These engines meet the emission standards EPA Tier II and EU Stage II.

2

### Reliable and proven transmission

ZF-technology powershift transmission is best matched with the Cummins and Shangchai engines and is reliable and easy to operate, suited for all types of working conditions.

3

### Spacious cabin with excellent view

Spacious and ergonomically-designed cabin boasts low noise and excellent visibility, the large rear window and side windows offering a wide view in all directions.

4

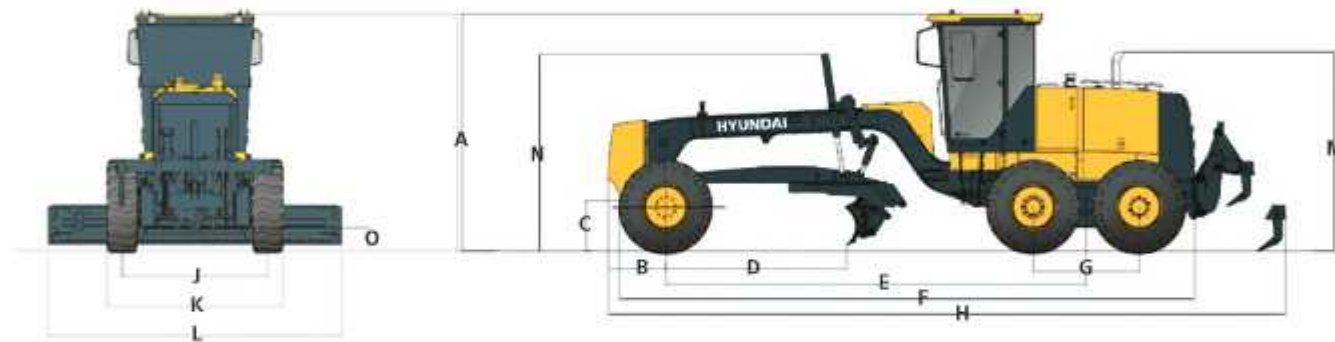
### Durable frame and attachments

Box-type frame and advanced transmission enable heavy-duty work, while the flexible blade suspension system and articulated frame allow for wide working ranges.



# Specifications

| MAJOR PARAMETERS |   |   |                      |
|------------------|---|---|----------------------|
| Contents         |   | HG130   | HG170                |
| Engine           | model   | Cummins 6BT5.9-C130   | Cummins 6BTAS.9-C180 |
|                  | Rated power                                   | 97kW (130 hp)   | 132kW (178 hp)       |
|                  | Max torque                                    | 560Nm/1,500rpm  | 750Nm/1,300rpm       |
| Power Train      | Transmission                                  | Power shift (ZF Technology) 6 Forward / 3 Reverse Gears     |                      |
|                  | Max speed                                     | 53.4/37.8 km/h  | 49.2/30.0 km/h       |
|                  | Service brake                                 | Foot operated, hydraulically actuated on four tandem wheels |                      |
|                  | Parking brake                                 | flexible shaft control actuated inner-expanding drum brake  |                      |
| Hydraulic        | Pump flow                                     | 140 L/min   | 99 L/min             |
|                  | Max system pressure                           | 17.5 Mpa  | 17.5 Mpa             |
| Moldboard        | Moldboard Dimension                           | 3,658 x 580 x 18 mm   | 3,658 x 580 x 18 mm  |
|                  | Arc radius                                    | 329 mm  | 329 mm               |
|                  | Cutting edge (width/thickness)                | 152 / 16 mm   | 152 / 16 mm          |
| Blade Range      | Circle center shift (right/left)              | 525 / 530 mm  | 525 / 530 mm         |
|                  | Moldboard side shift (right/left)             | 815 / 840 mm  | 815 / 840 mm         |
|                  | Max shoulder reach outside tires (right/left) | 1,886 / 1,916 mm  | 1,886 / 1,916 mm     |
|                  | Max lift above ground                         | 410 mm  | 450 mm               |
|                  | Turning radius                                | 5.5 m   | 7.3 m                |
| Operating Spec.  | Steering range                                | Left / Right 49°  | Left / Right 49°     |
|                  | Articulation angle                            | Left / Right 26°  | Left / Right 26°     |
|                  | Operation Weight (Ton)                        | 12.0  | 14.5                 |



| Item | Description                               | HG130    | HG170    | Remark |
|------|---|----------|----------|--------|
| A    | Height to Top of Non-ROPS Cabin           | 3,448 mm | 3,406 mm |        |
|      | Height to Top of ROPS Frame               | 3,632 mm | 3,590 mm |        |
| B    | Center of Front Axle to counterweight     | 675 mm   | 833 mm   |        |
| C    | Ground Clearance to Center Front Axle     | 869 mm   | 725 mm   |        |
| D    | Length of Front Axle to Moldboard         | 2,470 mm | 2,600 mm |        |
| E    | Length of Front Axle to Mid Tandem        | 5,780 mm | 6,100 mm |        |
| F    | Length of Front Tire to Rear of Machine   | 8,125 mm | 8,353 mm |        |
| G    | Length of Between Tandem Axles            | 1,535 mm | 1,535 mm |        |
| H    | Length of Between Counterweight to Ripper | 8,125 mm | 8,353 mm |        |
| J    | Width of Tire Center Lines                | 2,120 mm | 2,120 mm |        |
| K    | Width of Outside Tires                    | 2,565 mm | 2,565 mm |        |
| L    | Width of Moldboard                        | 3,658 mm | 3,658 mm |        |
| M    | Height to Exhaust Stack                   | 2,582 mm | 2,863 mm |        |
| N    | Height to Top of Cylinders                | 2,799 mm | 2,833 mm |        |
| O    | Ground Clearance to Trans. Case           | 339 mm   | 339 mm   |        |



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