

# DH21LGP

## FULLY-HYDRAULIC BULLDOZER

High working  
efficiency  
Low Fuel  
consumption



DH21LGP is a new generation full-hydraulic bulldozer.

The two-circuit electronically controlled static pressure drive system can intelligently adapt to the load variation and realize steering and pivot steering under loaded condition, featuring high working flexibility and efficiency and low fuel consumption. The hydraulic pilot control for the working device features simple and sensitive operations. The sealed shock-absorbing cab features large space, high safety and comfort, and low noise. The modular structure features low malfunction rate and easy maintenance.

### OVERALL DIMENSIONS

Length × width × height (excluding ripper):  
5250×3420×3080 mm

### ENGINE

Model & type: Weichai WP10G190E354  
Gross power: 140/188/1900 kW/HP/rpm  
Net power: 127/170/1900 kW/HP/rpm  
Piston displacement: 9.726 L  
Number of cylinders: 6—126 x 130 mm (bore x stroke)  
Maximum torque: 900 N·m@1400-1600 rpm

### WALKING HYDRAULIC SYSTEM

Type: Electronic control  
Traveling pump (Rexroth): 2  
Traveling motor (Rexroth): 2  
Traveling system pressure: 42 Mpa

### TRAVEL SPEED

Forward: 0~10 km/h  
Reverse: 0~10 km/h

### UNDERCARRIAGE SYSTEM

Carrier rollers: 2 each side  
Track rollers: 7 each side  
Width of track shoes: 950mm  
Pitch: 203 mm

### HYDRAULIC SYSTEM

Type: 2 way hydraulic pilot control  
+1 way electric hydraulic hybrid control  
Maximum pressure: 21 MPa  
Working pump (Parker): 1  
Main valve (Hydro-control): 1

Blade Type: Straight tilt blade/  
Min. ground clearance: 320 mm  
Ground pressure: 0.0064/0.0536 MPa  
Minimum turning radius: 2390/ 3600(Semi-U  
blade)/ 3745(Straight tilt blade)  
Grade-ability: 30°  
Track gauge: 1880 mm

### BLADE

Straight tilt blade  
Dozing capacity 4.5 m<sup>3</sup>  
Blade width 3388 mm  
Blade height 1149 mm  
Maximum drop below ground 520 mm  
Maximum lifting height 1010 mm