

DH17

Full-hydraulic bulldozer

- ▶ Engine model: Weichai WP10
- ▶ Engine net power: 127kW
- ▶ Operating weight: 18t

Product features

DH17 is a new generation standard fully-hydraulic bulldozer. The two-circuit electronically controlled static pressure drive system can intelligently adapt to the load variation and realize loaded steering and pivot steering, featuring high working flexibility and efficiency and low fuel consumption. The pilot control for the working device hydraulic system 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.

It's mainly applied in the backfill of earthwork and the handling of other bulk materials and is suitable for the operations of roads, railways, water conservancy projects, land development, and factories and mines. Thanks to small turning radius, it can achieve outstanding operation performances in the narrow sites.



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VALUE THAT WORKS

Shantui Construction Machinery Co., Ltd.

ADDRESS:

No. 58, G327 Highway
Jining City, Shandong, CHINA

TEL: +86-537-2909369

FAX: +86-537-2311219

EMAIL: trade@shantui.com

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Technical specifications:

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Power System

Weichai electronically controlled engine conforms to the China-II non-road machinery emission regulation, featuring high intelligence and efficiency, power parts interchangeability, and low maintenance cost.

The electronically controlled static pressure drive system equipped can automatically adapt to the load variation and provide best bulldozing speed under different working loads.

The intelligent matching technology can achieve best working efficiency and most reasonable fuel economy, with the composite fuel consumption reduced by 10~15%.

Driving Environment

The ergonomic hexahedral cab features large space and excellent visual field.

The suspended single accelerator pedal features small volume, large foot space, and high operation comfort.

The highly adjustable seats and armrests provide the driver with the most comfortable operation posture.

The integrally sealed shock-absorbing system of the cab reduces the interior noise by 3~4dB.

The safety passage system of the whole machine guarantees the driver's safety.

Operation Performance

With electronically controlled traveling system and pilot controlled working device hydraulic system, the single joystick can control the traveling system and the working device.

The accurate control can be achieved by a low operating force, featuring flexible and light operations, excellent operation comfort, and high working efficiency.

Applicability of Operation Conditions

The static pressure drive system is capable of stepless speed change, loaded steering, and pivot steering, featuring high flexibility and mobility and applicability for diversified working conditions. The accurate control can realize the bulldozing operations in narrow spaces.

The chassis system features long ground length, high ground clearance, stable traveling, and excellent trafficability and the semi-U blade equipped features powerful operation capability.

The optional three-tooth ripper and traction frame are available to meet the diversified operation needs.

Easy Maintenances

The structural parts inherit the excellent quality of Shantui mature products.

The electric harnesses adopt seamless corrugated pipes and deconcentrators for branching, featuring high protection grade. The core electric and hydraulic units of imported brands feature stable and reliable quality and extremely high reliability.

The static drive system features compact structure, small volume, light weight, and easy maintenances.

The modular structure eases the disassembly of parts and ensures low repair cost.

Performance parameters	Engine model	Weichai WP10
	Net power/rated speed (kW/rpm)	127/170 @2000
	Operating weight (kg)	18000
	Ground pressure (kpa)	64
	Ground length (mm)	2675
Overall dimensions	Overall length (mm)	5250
	Overall width (mm)	3420
	Overall height (mm)	3080
Traveling performance km/h	Forward	0~10
	Reverse	0~10
	Gradeability (°)	30
	Ground clearance (mm)	370
Working device	Blade type	Angle blade
	Blade width (mm)	3400
	Blade height (mm)	1200
	Working capacity (m)	4.4
	Maximum lifting height (mm)	1010
	Maximum digging depth (mm)	520
	Ripper type	Three-tooth ripper
	Maximum inclination (mm)	460
	Digging depth (mm)	475
Lifting height (mm)	570	
Chassis system	Track gauge (mm)	1880
	Width of track shoes (mm)	510
	Track pitch (mm)	213
	Number of track rollers (one-sided)	7
Tank capacity	Fuel tank (L)	320
	Working hydraulic oil tank (L)	85
	Traveling hydraulic oil tank (L)	65

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THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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