

# SHANBO

山之重器 铂盈天下

# SD16

履带式推土机  
Crawler Dozer

科技含量高、设计先进能适应更加恶劣的作业环境  
High-tech content and advanced design can  
adapt to more harsh working environment.

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山之重器 铂盈天下



山铂工程机械设备(山东)有限公司

Shanbo Construction Machinery Equipment(Shandong)Co.,Ltd

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山铂工程机械设备(山东)有限公司

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### SD16C 煤炭版Coal edition

适用于电厂、港口等松散物料的施工作业  
Suitable for the construction of loose materials such as power plants and ports.



### SD16D 沙漠版Desert edition

适用于沙漠地区，高温、高粉尘等恶劣工况的作业  
Suitable for desert areas, high temperature, high dust and other harsh working conditions.



### SD16E 加长版Extended edition

适用于公路、铁路、矿山、机场等地面的推运、开挖、回填土石方以及其它散料的作业。  
It is suitable for pushing, excavating, backfilling earthwork and other bulk materials on roads, railways, mines and airports.



### SD16L 超湿地版Ultra-wetland edition

适用于软土、湿地、沼泽地、河流治理的施工作业  
It is suitable for the construction of soft soil, wetland, marshland and river management.



### SD16R 环卫版Sanitation edition

适用于垃圾场的垃圾填埋、平整、半压实、堆积等作业，也可用于垃圾铁槽及处理罐站的牵引作业  
It is suitable for landfill, leveling, semi-compaction, accumulation and other operations of garbage dump, and can also be used for traction operation of garbage iron trough and treatment tank station.



# SHANBO

## SD16 履带式推土机Crawler Dozer

配置潍柴WP10电控发动机，传动、底盘系统山铂自制，效率高、寿命长。全箱型结构主机架，具备较高的承载冲击载荷和抗弯扭能力，确保主机架具有全寿命周期。标配直倾铲，具有强大的切削力，三齿松土器可用于粘土、硬化的冻土等土层的疏松，具备高效的工作效率和超强的穿透力。适用于公路、铁路、矿山、机场等地面的推运、开挖、回填土石方以及其它散料的作业。

Equipped with WEICHAI WP10 electric control engine, the transmission and chassis system are made by ourselves, with high efficiency and long service life. The main frame with full box structure has high bearing impact load and bending and torsion resistance, ensuring the whole life cycle of the main frame. Standard straight shovel, with strong cutting force, three-tooth scarifier can be used for loosening soil layers such as sticky soil and hardened frozen soil, with high efficiency and super penetration. It is suitable for pushing, excavating, backfilling earthwork and other bulk materials on roads, railways, mines and airports.

## SD16C 煤炭版推土机Coal Bulldozer

根据电厂、港口特殊工程作业特点专项研发，标配610mm履带、超大容量推煤铲，高强度的箱型结构和高性能的材料，确保了铲刀超高的作业效率和出色的耐用性。适用于电厂、港口等松散物料的施工作业。

Specially developed according to the operation characteristics of special projects in power plants and ports, the standard 610mm crawler belt, super-large capacity coal shovel, high-strength box structure and high-performance materials ensure the super-high operation efficiency and excellent durability of the shovel. It is suitable for the construction of loose materials such as power plants and ports.

## SD16D 沙漠版推土机Desert Bulldozer

根据沙漠地区工况及环境特点专项研发，标配赛克隆预滤+废气引射，提高空气过滤效果，防止发动机早磨；冷却系统优化、增加进气加热，环境适应性更强；底盘系统加强设计，标配810沙漠型履带，使用寿命更长。微增压驾驶室，遮阳帘，冷凝器后置式高性能空调，驾乘更舒适。适用于沙漠地区，高温、高粉尘等恶劣工况的作业。

According to the working conditions and environmental characteristics of desert areas, it is specially developed, and the standard is Saikelon pre-filtration and exhaust gas injection to improve the air filtration effect and prevent the engine from early grinding; The cooling system is optimized and the inlet air heating is increased, so that the environmental adaptability is stronger; The chassis system is strengthened in design, with 810 desert crawler as standard, which has a longer service life. Micro-supercharged driving room, sunshade and condenser rear-mounted high-performance air conditioner make driving more comfortable. Suitable for desert areas, high temperature, high dust and other harsh working conditions.

## SD16E 加长版推土机Extended bulldozer

配置潍柴WP10 电控发动机，传动、底盘系统山铂自制，效率高、寿命长。采用加长台车，能适应更加恶劣的作业环境，适合在要求低接地比压地区作业。适用于公路、铁路、矿山、机场等地面的推运、开挖、回填土石方以及其它散料的作业。

Equipped with WEICHAI WP10 electric control engine, the transmission and chassis system are made by ourselves, with high efficiency and long service life. The use of extended trolley can adapt to the worse working environment and is suitable for working in areas requiring low grounding specific pressure. It is suitable for pushing, excavating, backfilling earth and stone and other bulk materials on roads, railways, mines and airports.

## SD16L 超湿地版推土机Ultra-wetland bulldozer

根据沼泽地、湿地工况特点专项研发，采用0.025Mpa 超低接地比压底盘系统，山铂专用船型带筋履带板，配置潍柴WP10 电控发动机，传动、底盘系统山铂自制，效率高、寿命长。适用于软土、湿地、沼泽地、河流治理的施工作业。

According to the working conditions of marshland and wetland, it is specially developed, adopting 0.025Mpa ultra-low grounding specific pressure chassis system, special ship-type ribbed track shoes for Shanbo, equipped with Weichai WP10 electric control engine, and self-made transmission and chassis system for Shanbo, with high efficiency and long service life. It is suitable for the construction of soft soil, wetland, marshland and river management.

## SD16R 环卫版推土机Sanitation bulldozer

根据国内城市环卫处理场工况特点专项研发，采用0.025Mpa 超低接地比压底盘系统，山铂专用船型带筋履带板，配置8.3m³ 环卫铲、刮泥装置，高效的处理环卫场的作业任务，采用潍柴WP10 电控发动机，传动、底盘系统山铂自制，效率高、寿命长。适用于垃圾场的垃圾填埋、平整、半压实、堆积等作业，也可用于垃圾铁槽及处理罐站的牵引作业。

According to the working condition characteristics of domestic urban environmental sanitation treatment plants, a special research and development is made, which adopts 0.025Mpa ultra-low grounding specific pressure chassis system, special ship-type ribbed track shoes of Shanbo, and is equipped with 8.3 m environmental sanitation shovel and mud scraping device to efficiently handle the operation tasks of environmental sanitation plants. Weichai WP10 electric control engine is adopted, and the transmission and chassis system are self-made by Shanbo, with high efficiency and long service life. It is suitable for landfill, leveling, semi-compaction, accumulation and other operations of garbage dump, and can also be used for traction operation of garbage iron trough and treatment tank station.

# SD16 推土机Bulldozer

标配版煤炭版加长版超湿地版环卫版沙漠版

Standard coal version extended version super wetland version sanitation version desert version

SD16 液力推土机具有科技含量高、设计先进合理、动力强劲、生产效率高等特点，能适应恶劣的作业环境，维修保养方便，主要适用于农田、水利、公路、铁路、机场等地面的推运、开挖、回填土石方以及其它散料的作业，是国防工程、城乡道路等建筑施工和水利建设等不可缺少的机械设备。

SD16 hydraulic bulldozer has the characteristics of high technology content, advanced and reasonable design, strong power and high production efficiency, and can adapt to harsh conditions.

The working environment is convenient to maintain, and it is mainly suitable for pushing and excavating farmland, water conservancy, highways, railways, airports and other ground.

Backfilling earthwork and other bulk materials is an indispensable mechanical equipment for national defense projects, urban and rural roads and water conservancy construction.



## SHANBO

### 动力系统power system

- 配置WP10电控发动机，满足国家非道路机械国III阶段排放要求，动力强劲，高效节能，维护保养成本低；  
Equipped with WP10 electronic control engine, it meets the national non-road machinery country III emission requirements, with strong power, high efficiency and energy saving, and low maintenance cost;
- 扭矩储备系数大，额定功率达到131kW；  
The torque reserve coefficient is large, and the rated power reaches 131kW;
- 采用径向密封进气系统，有效提升发动机使用寿命。  
The radial seal air intake system is adopted to effectively improve the service life of the engine.

### 传动系统Transmission system

- 传动系统与发动机曲线完美匹配，高效区更宽广，传递效率更高；  
The transmission system is perfectly matched with the engine curve, and the high efficiency area is wider and the transmission efficiency is higher;
- 山铂自制传动系统，久经市场考验，性能稳定，质量可靠。  
Shanbo self-made transmission system has been tested by the market for a long time, with stable performance and reliable quality.

### 驾乘环境Driving environment

- 六面体驾驶室，超大内部空间和开阔视野，可按需求配置FOPS/ROPS，安全可靠；  
Hexahedral cab, with large internal space and wide field of vision, can be equipped with FOPS/ROPS as required, which is safe and reliable;
- 电控手、脚油门，操纵更精确、更舒适；  
Electronic control of hand and foot throttles makes the operation more accurate and comfortable;
- 配置智能化中控终端，冷暖空调等，提供更丰富的人性化驾乘体验，让您随时了解系统 状况，智能便捷。  
Equipped with intelligent display and control terminal, heating and cooling air conditioning, etc., to provide a richer humanized driving experience, so that you can know the system status at any time, which is intelligent and convenient.



### 工作适应能力Work adaptability

- 稳定可靠的山铂底盘系统，适用于各种恶劣工况；  
Stable and reliable Shanplatinum chassis system, suitable for all kinds of harsh working conditions;
- 产品接地长度长，离地间隙大，行驶平稳，通过性好；  
The product has long grounding length, large ground clearance, smooth driving and good passability;
- 根据具体工况可配置直倾铲、U铲、角铲、推煤铲、岩石铲、环卫铲、松土器、牵引架等，作业适应能力更强，标配LED工作灯，提升夜间施工照明能力，更加安全可靠。  
According to the specific working conditions, it can be equipped with straight shovel, U shovel, corner shovel, coal shovel, rock shovel, sanitation shovel, scarifier, traction frame, etc., which has stronger operation adaptability, and comes standard with LED working lights to improve the lighting ability of night construction, which is more safe and reliable.

### 易维护性Maintainability

- 结构件继承山铂成熟产品的优良品质；  
Structural parts inherit the excellent quality of mature products of Shanplatinum;
- 电气线束采用波纹管防护、分线器分线，防护等级高；  
The electrical wiring harness is protected by corrugated pipe, and the wire splitter is used for wiring, so the protection level is high.
- 开启式大空间侧护罩，维修保养更方便；  
Open large space side shield, which is more convenient for maintenance;
- 燃油滤芯、空滤等同侧设计，一站式维护保养；  
Fuel filter element and air filter are designed at the same side, and one-stop maintenance;
- 风扇轴、平衡梁等关键部位润滑点引出，保养更方便。  
Lubrication points of key parts such as fan shaft and balance beam are led out, which is more convenient for maintenance.



# 山铂服务 时时处处

15分钟响应, 2小时到达, 24小时解决问题



## SHANBO

对比项 Contrast term	SD16 (标配版 Standard edition)	SD16C (煤炭版 Contrast term)	SD16E (加长版 Extended edition)	SD16L (超湿地版Ultra-wetland edition)	SD16R (环卫版 Sanitation edition)	SD16D (沙漠版 Desert version)
性能参数performance parameter						
工作质量(kg) workmanship	17000	17500	17346	18400	18400	18200
最小转弯半径(mm) minimum turning radius	4466	4466	4571	4600	4600	4600
接地比压(kPa) Grounding specific pressure	58	50	55	25	25	33.2
发动机engine						
发动机型号Engine model	WP10	WP10	WP10	WP10	WP10	WP10
额定功率/额定转速 (kW/rpm) Rated power/speed	131/1850	131/1850	131/1850	131/1850	131/1850	131/1850
外形尺寸outline dimension						
整机外形尺寸(mm) Overall dimension of the machine	5140×3455×3032	5427×3900×3032	5345×3455×3032	5262×4150×3074	5262×4150×3074	5262×4150×3074
行走性能Walking performance						
前进速度(km/h) speed of advance	F1:0-3.29/F2:0-5.82/F3:0-9.63					
后退速度(km/h) Backward speed	R1:0-4.28/R2:0-7.59/R3:0-12.53					
离地间隙(mm) ground clearance	400					
底盘系统Chassis system						
履带中心距(mm) Track center distance	1880	1880	1880	2300	2300	2300
履带板宽度(mm) Track shoe width	510/560/610	610	560/510/610	1100/950	660/1100	810
接地长度(mm) Grounding length	2430	2430	2635	2935	2935	2935
履带板数量(单侧/片) Number of track shoes (single side/piece)	37	37	39	42	42	42

对比项 Contrast term	SD16 (标配版 Standard edition)	SD16C (煤炭版 Contrast term)	SD16E (加长版 Extended edition)	SD16L (超湿地版 Ultra-wetland edition)	SD16R (环卫版 Sanitation edition)	SD16D (沙漠版 Desert version)
链轨节距(mm) Chain track pitch	203	203	203	203	203	203
托轮数(单侧) Number of rollers (one side)	2	2	2	2	2	2
支重轮数(单侧) Number of rollers (one side)	6	6	7	7	7	7
油箱容量fuel tank capacity						
燃油箱(L) Fuel tank	315	315	315	315	315	315
工作液压油箱(L) Working hydraulic oil tank	112	112	112	112	112	112
工作装置Working device						
铲刀型式Blade type	角铲/直倾铲/儿U型铲 Angle shovel/straight shovel/U-shaped shovel	推煤铲Coal shovel	角铲/直倾铲儿型铲Angle shovel/straight shovel type shovel	直倾铲Straight shovel	环卫铲Sanitation shovel	直倾铲Straight shovel
铲刀宽度(mm) Blade width	4011/3455/3556	3900	4011/3455/3556	4150	4150	4150
铲刀高度(mm) Blade height	1040/1149/1120	1235	1040/1149/1120	960	1590	960
铲刀提升高度(mm) Blade lifting height	1095	1095	1095	1005	1005	1005
铲土深度(mm) Shovel depth	540	540	540	485	485	485
松土器型式Type of scarifier	三齿松土器Three-foot scarifier	—	三齿松土器Three-foot scarifier	—	—	—
松土深度(mm) Loosening depth	570	—	570	—	—	—
松土器提升高度(mm) Lifting height of scarifier	600	—	600	—	—	—
绞车型式Stranded vehicle type	—	—	—	—	—	—