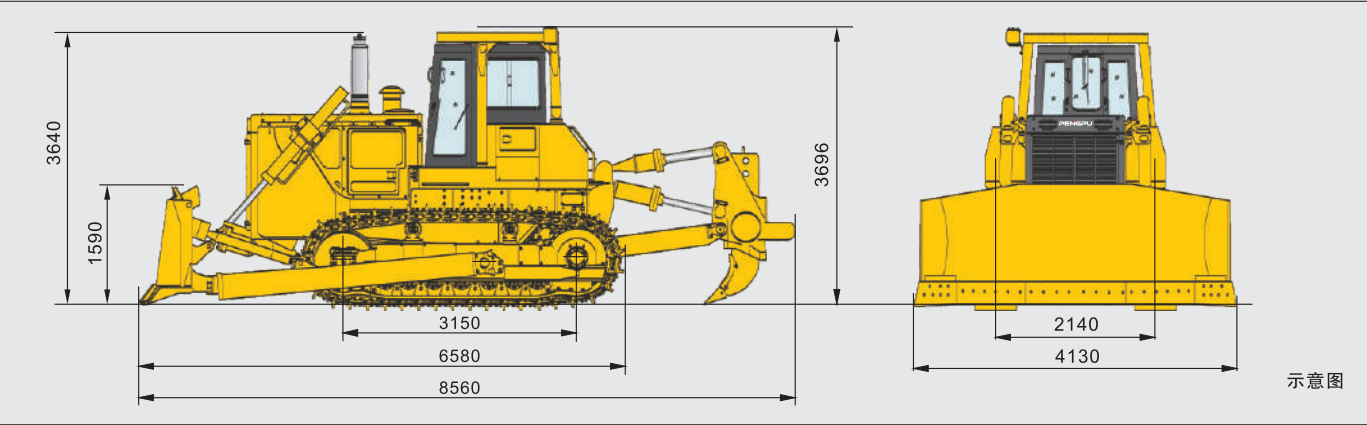


PD320Y-6推土机

PD320Y-6 BULLDOZER



发动机 ENG NE

型号 Model	康明斯 QSNT-C345 Cummins QSNT-C345
型式 Type	四冲程、直列、六缸、电喷、涡轮增压、空空中冷 4-cycle, straight vertical, 6-cylinder, electronic injection, turbocharged, charge air cooled
飞轮功率(kW) Flywheel power(kW)	239
额定功率 (kW) Rated power (kW)	345HP (257KW)
额定转速 (r/min) Rated speed (r/min)	2000
缸数 - 缸径 × 行程 (mm) Number of cylinders-bore × stroke (mm)	6-Φ 139.7 × 152.4
启动方式 Starting method	24V 11kW 电动机启动 Electric starting 24V 11kW
蓄电池 Battery	24V(12V × 2)
空气滤清器 Air cleaner	干式、水平式、带自排尘预滤器 Dry type, horizontal, with self- dust-discharge precleaner
最低燃油消耗率 (g/kw · h) Min fuel consumption ratio(min)	201

传动装置 TRANSMISSION

液力变矩器 Torque converter	三元件、单级、单相 3-element, Single-stage, Single-phase
变速箱 Gearbox	行星齿轮 多片离合器 液压结合强制润滑式 前进三档 后退三档 Planetary gear, multiple-disc clutch, hydraulic actuated, forced lubrication by gear pump, 3forward and 3 reverse speeds
中央传动 Bevel gear	螺旋伞齿轮 飞溅润滑 Helical bevel gear, splash lubricated
转向离合器 Steering clutch	湿式多片离合器、弹簧加压、液压分离 Wet, Multiple-disc clutch, spring loaded, hydraulically released
转向制动器 steering brake	湿式，带式，液压助力联动操纵 Wet, band brake, operated with hydraulic booster
最终传动 Final drive	直齿轮二级减速，飞溅润滑 Spur gear, double reduction, splash lubricated

工作装置液压系统 HYDRAULIC SYSTEM OF WORK EQUIPMENT

工作压力 (Mpa) Working pressure (Mpa)	14
额定流量 (L/min) (1795r/min) Rated flow (L/min) (1795r/min)	360
油泵 Pump	齿轮泵 CBW6200 gear pump
操作阀 Control valve	手动滑阀式 伺服操纵 Hand-operated plunger servo controlling
油缸：缸径 × 杆径 × 行程 (mm) Cylinder, Bore × Rod × Stroke (mm)	Φ 140 × Φ 75 × 1340

上海彭浦机器厂有限公司

SHANGHAI PENGPU MACHINE BUILDING PLANT CO.,LTD.

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销售电话(TEL):86-21-56654667 国际贸易部(TEL):86-21-56652286
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注：样本中所列参数、图形及照片，仅供参考，如有改动，恕不另行通知。（2016.05印制）

履带 TRACK

型式 Type	密封式 单履齿 Sealed single grouser
节距 (mm) Track pitch (mm)	228.6
宽度 (mm) Track width (mm)	560
履带板数 (每侧) No. of track shoes(each side)	41
履带接地长度 Length of track on ground (mm)	3150
履带中心距 (mm) Track gauge (mm)	2140

行驶速度 TRAVEL SPEED (km/h)

	1速 1st	2速 2nd	3速 3rd
前进 Forward	3.6	6.6	11.5
后退 Reverse	4.4	7.8	13.5

行走装置 UNDER CARRIAGE

驱动轮 Sprocket	镶块式大链轮 Segmented
托轮数 (每侧) No. of carrier roller (each side)	2
支重轮数 (每侧) No. of track rollers (each side)	7(5单, 2双) 7(5 Single, 2 double)
张力机构 Track tension	黄油涨紧 Hydraulic-adjusted

*驱动轮，支重轮，托轮和引导轮均采用浮动油封
Floating seals are used in all sprockets, track rollers, carrier rollers and front idlers

PENGPU

PD320Y-6

履带式推土机
BULLDOZER



WWW.SPPMBP.COM

发动机 ENGINE	康明斯 QSNT-C345 CUMMINS
额定功率 RATED POWE	257kW
整机重量 WEIGHT	35900kg *

* 标准配置重量

图片所示机器包括选配装置。
详情请与当地代理商联系。

上海彭浦
SHANGHAI PENGPU

PD320Y-6推土机

PD320Y-6 BULLDOZER

主要技术特点及优势

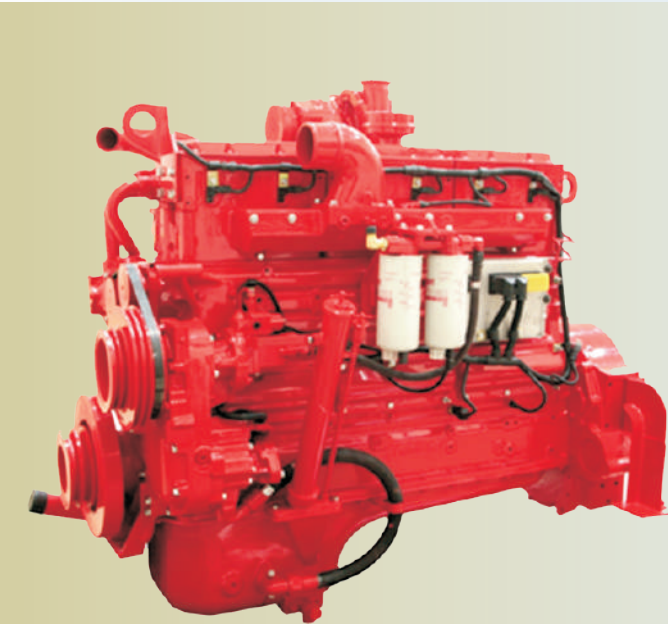
- ◇优化设计的整机外观以及结构强度。
- ◇采用满足国III排放标准的电喷发动机，储备系数高，输出扭矩大，油耗低，使用可靠。
- ◇液力传动，自动调速，不停车换挡。
- ◇三元件单级单向向心涡轮液力变矩器效率高、能容大。
- ◇六角形驾驶室，视野开阔，密封性好。
- ◇最终传动采用三角花键鼓形修缘齿轮，提高了传动件的承载均匀性和平稳性，延长了使用寿命。
- ◇工作装置使用耐久，超大推土铲铲容。
- ◇高效、可靠的监测和报警系统。
- ◇采用集中测压点，便于故障的检测和诊断。
- ◇人性化操纵系统设计，减轻驾驶员的疲劳强度。
- ◇采用自排尘空气预滤器，可在多尘环境下使用。

Main features:

- ◇Optimal design in overall appearance and structure strength.
- ◇Electronic engine meeting China stage III off-road emission standard adopted for high power rise, big output torque, fuel saving and excellent reliability.
- ◇Hydraulically controlled drive, automatically speed regulating and non-stop gear shifting.
- ◇3-element, single stage, single phase torque converter for higher efficiency and bigger capacity.
- ◇The hexagonal cab offers excellent visibility, the powerful ventilation and unparalleled dust-free.
- ◇The final drive uses triangle Spline and tip relief, crowned gear drive for enhanced balance and the stability during power transmission, and increased life.
- ◇Blade is more durable and capacious.
- ◇Alarming & monitoring system is efficient and reliable.
- ◇Centralized pressure checking easy for malfunction diagnosis.
- ◇Ergonomics design in controls to reduce operator's fatigue.
- ◇Use automatic dust discharge type air precleaner for more adaptable in working in dust surroundings.

专业动力 最佳品质

PROFESSIONAL POWER, BEST QUALITY



康明斯QSNT-C345

- ◇满足中国非道路三阶段排放标准。
- ◇扭矩储备大，最大扭矩转速低，适应性好。
- ◇采用最新的双脉冲喷油凸轮和先进的CELECT燃油系统实现高效燃油喷射。
- ◇采用空空中冷技术提高了发动机的动力性、燃油经济性 & 可靠性。
- ◇采用全新整体铝活塞满足性能及排放要求。
- ◇高强度和高平衡精度设计的曲轴。
- ◇最新的高性能带废气旁通的增压器。
- ◇可全工况监测发动机运行状况，准确反馈故障代码，方便发动机的故障诊断。
- ◇Compliant with China off-road emission standard stage III.
- ◇Provide the high power rise, maximum output torque at low speed, and excellent adaptability.
- ◇Updated double pulse injection cam and advanced CELECT fuel system combined to realize efficient fuel injection.
- ◇Charge air cooling technology used in engine improves reliability, power output, fuel economy and exhaust emission.
- ◇New integrated aluminum piston used to meet performance demands and emission regulations.
- ◇Robust and precise balance design for crankshaft.
- ◇Updated high-performance turbocharger with wastegated design.
- ◇Monitoring engine in jobs all time for rapid malfunction code responding, easy for malfunction diagnosis.

变速箱

变速箱采用行星齿轮和旋转闭锁离合器，通过操纵液压控制阀来实现前进、后退及各种变速。结构形式为行星齿轮，多片离合器，液压结合强制润滑式，前进三档后退三档。

Transmission

This machine is equipped with transmission of planetary gear and rotary lockup multi-disc clutch hydraulically engaged and force lubricated. Forward 3 speeds and reverse 3 speeds can be gained by actuating hydraulic control valve.

液力变矩器

液力变矩器是引进国外先进技术，利用军工技术，在材料、工艺和结构上对引进产品进行创新改进研制而成的新一代产品。具有结构简单，维护方便，低噪音，高可靠性。

液力变矩器为单级单相三元件向心涡轮液力变矩器，其结构简单，工艺性好，具有较高的最大功率、高效范围宽、穿透性能较好，且容量大，在涡轮空载时损失小。在工作范围内动力性能较好，比较适合推土机工况。

Hydraulic Torque Converter

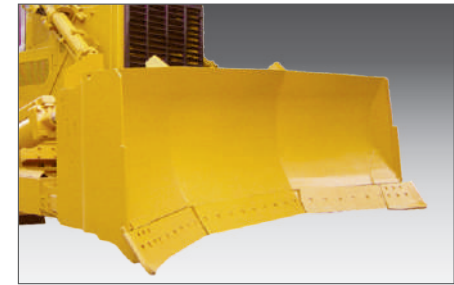
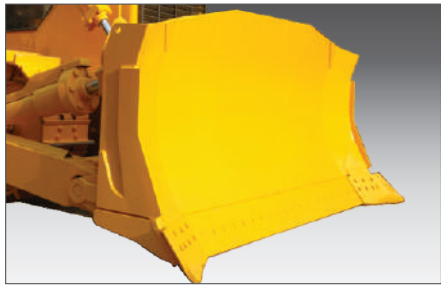
Hydraulic torque converter is a newly developed product with the improvement made to the material, process and layout based on introduced advanced international technology. It features simple architecture, easy maintenance, low noise, excellent reliability. Torque converter is of 3-element, 1-stage, 1-phase, centripetal turbine type with simple structure but good technology. It provides high power efficiency, great penetration, big capacity and less loss when the turbine idles.

最终传动

国内最早掌握小松硬齿面鼓形修缘传动齿轮加工技术的厂家，具有承载能力大、传动平稳、使用寿命长的特点。

Final Drive

We, as the first domestic company, master the technology in the manufacturing tip relief, crowned gear which features heavy load capacity, stable drive and long life.



工作装置 WORK EQUIPMENT			
推土板形式 Blade type	半U铲 Semi-U blade	角铲 Angle	U形铲 U dozer
宽 × 高(mm) Width × Height (mm)	4130 × 1590	4850 × 1140	4225 × 1745
最大提升高度(mm) Max.lift above ground (mm)	1560	1560	1560
最大切土深度(mm) Max.drop below ground (mm)	560	560	560
刀刃切削角(°) Pitch adjustment (°)	55	55	55
最大侧倾量 (mm) Max. Tilt (mm)	1000	1000	1000
铲刀容量 Blade capacity(m³)	9.2	6.3	12.3

松土器 Ripper

形式 Type	单齿	三齿
最大松土深度 Max. dig below ground(mm)	1250	842
最大提升高度 Max. lift above ground (mm)	955	883
重量 Weight (kg)	3937	5142

