



SD32 推土机

Bulldozer



SD32推土机系引进日本小松制作所先进技术生产的大功率推土机，配用康明斯NTA855-C360S10发动机、功率大、油耗低，带有废气涡轮增压器，在海拔3600米的高原作业，不需作任何调整，仍能保持正常工作。整机采用先进的液力传动、液压操纵技术，结构先进合理，操纵轻便灵活，质量可靠。

SD32 is a large horsepower bulldozer which is manufactured with advanced technology introduced from Komatsu, Japan. Cummins engine Model NTA855-C360S10 is selected for its ample power, with high torque and low fuel consumption. The bulldozer can keep normal working conditions without any adjustment in highland with altitude up to 3600m due to the equipment of exhaust turbocharger. The adoption of hydraulic driving system and hydraulic control technology provides advanced structure, reliable performance and easy control.

SHANTUI COMPLETE PRODUCT SERIES

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发动机ENGINE

型号Model.....康明斯CUMMINS NTA855-C360S10
 型式Type.....增压中冷直列四冲程
 Turbocharged,intercooled,in-line,4-cycle
 缸数-缸径x行程Number of cylinders-bore x stroke 6-139.7x152.4mm
 活塞排量Piston displacement 14010ml
 飞轮马力Flywheel horsepower 235kw(320HP)
 额定转速Rated Revolution..... 2000r/min
 最大扭矩Max torque.....(1440N.m/1400r/min)
 燃油消耗率Fuel consumption 245g/kw.h(180g/Hp.h)
 起动机Start motor 24v,11kw
 发电机Alternator 28v,35A
 蓄电池Battery 24v(12v x 2)-195AH
 燃油系统Fuel system PT泵, 顶阀直接喷射
 PT pump head valve direct injection
 调整器Governor 离心式全程调整器Centrifugal,all speed governor
 冷(却)系统Cooling system 离心式水泵强制循环式、排风扇
 Forced circulation by centrifugal pump,busher type fan.
 空气滤清器Air cleaner 干式、水平式、带空气除尘器
 Dry,horizontal type with air cleaner



传动装置TRANSMISSION

液力变矩器Torque converter.....三元件一级一相
 3-element,1-stage 1-phase
 冷却方式Cooling method 水冷water-cooled
 动力换挡行星变速箱.....行星齿轮、多片离合器
 Power-shift planetary gear transmission 液压结合强制润滑式
 planetary gear,multiple-disc clutch,
 hydraulically connected forced lubrication by gear pump.
 中央传动轴Main-drive shaft.....螺旋伞齿轮、飞溅润滑式
 spiral bevel gear,splash lubrication



行走速度TRAVEL SPEED

速度档Gear	前进Forward	后退Reverse
1档1st	0~3.6km/h	0~4.4km/h
2档2nd	0~6.6km/h	0~7.8km/h
3档3rd	0~11.5km/h	0~13.5km/h



终端驱动装置FINAL DRIVE

终传动Final drive 二级直齿轮减速、飞溅润滑式
 2-stage spur gear,speed reduction,splash lubrication,



行走部分UNDERCARRIAGE SYSTEM

悬挂方式Suspension.....八字摆动式、平衡梁悬挂结构
 Swing type of sprayed beam,
 suspended structure of equalizer bar
 托带轮数(每侧)Number of carrier rollers..... 2(each side)
 支重轮数(每侧)Number of track rollers..... 7(each side)
 引导轮数(每侧)Number of idler..... 1(each side)



履带TRACK SHOE

装配型式Assembled type.....单履齿 single tooth
 节距Pitch..... 228.6mm
 宽度Width..... 560mm
 履齿高度Tooth height..... 80mm

履带板数(每侧) Number of track shoes..... 41(each side)
 履带中心距Track gauge..... 2140mm
 接地比压Ground pressure..... 0.105MPa



重量WEIGHT

使用重量Operating weight..... 37200kg
 (带多齿松土器)(with multi-ripper): 40975kg



液压控制机构HYDRAULIC CONTROL SYSTEM

最大压力Maximum pressure..... 14MPa(140kg f/cm²)
 型式Type..... 齿轮式gear pump
 排量Displacement..... 335.5L/min
 控制阀型式Control valve type..... 滑阀式guiding valve
 上升、保持、下降、浮动raise,hold,lower,float
 工作油箱Hydraulic tank..... 控制阀及滤油器组成式
 Control valve and oil filter inner-installed type



转向机构STEERING SYSTEM

转向离合器Steering clutch..... 湿式、多片、弹簧
 压紧、液压分离、手动液压操作
 wet type,multiple-disc,spring loaded,hydraulically separated,
 hand and hydraulic control operated.
 转向制动器Steering brake.....湿式、带式、脚踏操作(附油压助力器、
 离合器联动式) wet type,band brake,foot operated
 (with hydraulic booster,interconnected with clutch)



冷却液及润滑容量COOLANT AND LUBRICANT CAPACITY

冷却水Cooling water..... 121L
 燃油箱Fuel tank..... 600L
 发动机Engine..... 47L
 伞齿轮箱Bevel gear case..... 185L
 终传动箱(每侧)Final drive case(each side)..... 55L
 液压油箱Hydraulic tank..... 164L



工作装置及附件WORKING EQUIPMENT AND ATTACHMENT

直倾铲式推土机Straight-tilt dozer.....操作油压动作式(附随动阀)
 Hydraulically actuated with servo valve
 推土板支撑方式Blade supporting method..... 撑杆式、右侧装有倾斜缸
 brace type tilt cylinder on right side
 推土机铲宽度Width..... 4130mm
 推土机铲高度Height..... 1590mm
 推土机铲最大提升高度Max.lift above ground..... 1560mm
 推土机铲最大下降量Max.drop below ground..... 560mm
 推土机铲最大倾斜量Max.tilt adjustment..... 1000mm



三齿松土器3-SHANK RIPPER

三齿最大松土深度Max.digging depth..... 542mm
 最大提升高度Max.lift above ground..... 883mm
 标准切削角度Standard digging angle..... 45°
 (35°-63°范围内可无级调整variable within range between 35°-63°)
 单齿最大松土深度Max.digging depth of Single ripper..... 1250mm
 最大提升高度Max.lift above ground 965mm



外形尺寸OVERALL DIMENSIONS

长×宽×高(mm) L×W×H 6880×4130×3725

注:如技术参数与实际相抵触,以销售业务员介绍的最新技术参数为准
 Note:Materials and specifications are subject to change without notice.

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