

REYMA
ARGENTINA S.A.

TY230 Crawler Dozer



Rated Power/Speed	发动机额定功率 / 转速	169kw(230hp/2,000rpm)
Blade Capacity	推土铲容量	7.8m ³ (straight tilt blade直倾铲)
Productivity	生产率	505m ³ /h (distance of 30m运距30m)
Max. Drawing Force	最大牵引力	221kn
Operating Weight	操作重量	25,700kg (with straight tilt blade配直倾铲)
		28,600kg (with straight tilt blade, ripper with three shanks and ROPS 配直倾铲、三齿松土器和防翻滚)
Dimensions(Length X Width X Height)	外形尺寸 (长x宽x高)	5,459x3,725x3,380mm (with straight tilt blade配直倾铲)
		6,790x3,725x3,472mm (with straight tilt blade, ripper with three shanks and ROPS 配直倾铲、三齿松土器和防翻滚)

FEATURES 特点

- Chongqing-Cummins turbocharged diesel engine which is supported on three points spring frame features high power, great torque, low fuel consumption and noise, and high performance.
- Single stage, single phase, three elements torque converter. Multi-disc steering clutch, hydraulic planetary transmission with force lubrication. Splash lubrication central drive and final drive feature high quality and great performance.
- Undercarriage is designed for spayed beam, oscillating type, semi-rigidity suspension structure with balance beam. It features excellent cushioning effect at high speed, smooth travel, comfort operation and good copulation.
- Servo-assisted hydraulic system features high pressure, great flow and energy economy, and the operation is flexible and precise.
- Fully closed hexagonal designed steel cab with electric-operated washer features excellent visibility, optional heating and cooling air conditioner and ROPS.
- Advanced electronic monitoring system with acoustic-optical alarm ensures reliable operation, easy failure diagnosis and repair.
- Reasonable configuration, fine shape, low ground pressure, convenient service.
- Optional ripper(single shank or three shanks), various blades including straight tilt one, angle one, universal one, semi-universal one and landfill one, track shoes including 560mm, 610mm and 660mm single grouser sectional ones and 910mm swamp one for different working conditions.
- 采用大功率、大扭矩、低油耗、低噪音、性能优良的涡轮增压式重庆康明斯发动机，安装采用三点弹性支撑结构。
- 单级单相三元件液力变矩器、多片式转向离合器、液压结合强制润滑行星齿轮变速箱。飞溅润滑的中央传动器和最终传动器，质量可靠，性能先进。
- 行走系统采用八字梁摆动式，平衡梁半刚性悬挂结构，保证高速行走时具有良好的缓冲作用，行走平稳，操作舒适，附着性好。
- 高压、大流量、节能效果好、具有伺服助力的液压操纵系统，操纵灵活准确。
- 钢制全密封、六棱锥形驾驶室，视野开阔，配有电动冲洗装置；可选配冷暖空调和防滚翻保护装置。
- 先进的电子监控、声光报警，保证整机系统可靠运行，便于故障诊断和维修。
- 整机布局合理，外型美观，接地比压小，稳定性好，使用维修方便。
- 可选配松土器（三齿或单齿）、各种推土铲（直倾铲、角铲、U型铲、半U型铲和环卫铲）、各种履带板（560mm单履齿组合式、610mm单履齿组合式、660mm、710mm单履齿组合式和910mm湿地型履带板），满足不同工作需要。

TY230 Crawler Dozer

履带式推土机

● ENGINE 发动机

Make and model 制造商和型号..... Chongqing-cummins重庆康明斯 NTA855-C280
 Type 型式..... Four-stroke, vertical, turbocharged四冲程、立式、涡轮增压
 Rated power/speed 额定功率/转速..... 169kW/2,000rpm
 Number of cylinders-bore x stroke 缸数-缸径 x 行程..... 6-139.7mm x 152.4mm
 Piston displacement 活塞排量..... 14.01L
 Max. output torque 最大输出扭矩..... 1,033N.m/1,400rpm
 Torque rise 扭矩储备系数..... 1.25
 Electrical system 电气系统..... 24V
 Battery 蓄电池..... 2x195Ah/12V
 Alternator 发电机..... Silicon rectified / 硅整流, 24V/35A
 Starter 启动马达..... 24V/11kW

● TRANSMISSION SYSTEM 传动装置

Torque converter 液力变矩器..... Single-stage, single phase, 3-element
 单级、单相、三元件
 Transmission 变速箱..... Planetary gear, multiple-disc clutch, hydraulic actuated,
 forced lubrication by gear pump, 3 forward speeds and
 3 reverse speeds. 行星齿轮、多片离合器式、液压结合
 强制润滑、前进3档、后退3档
 Bevel gear 中央传动..... Helical bevel gear, single stage gear reduction, splash
 lubrication 螺旋锥齿轮、一级减速、飞溅润滑
 Steering clutch 转向离合器..... Wet, multiple disc clutch, Spring loaded, manual
 hydraulic control. 湿式多片、弹簧加压、手动液压操纵
 Steering brake 转向制动器..... Wet, floating, direct clutching brake with hydraulic
 booster. 湿式、浮式、直接离合、液压助力、联动操作
 Final drive 最终传动..... Spur gear, double reduction, splash lubrication
 直齿轮、二级减速、飞溅润滑

● UNDERCARRIAGE 行走装置

Suspension 悬挂..... Spayed beam, oscillating type, suspension structure
 with balance beam. 八字梁摆动式、平衡梁悬挂结构
 Type of shoes (standard) 履带型式(标准)..... Single grouser, sectional 单履齿组合式
 Grouser height(straight tilt blade) 履齿高度(直倾铲)..... 72mm
 Number of track shoes 履带板数量..... 39 x 2
 Shoe width (standard) 履带板宽度(标准)..... 560mm
 Ground contact area 接地面积..... 3.18m²
 Ground clearance 离地间隙..... 405mm
 Ground pressure 接地比压..... 0.076MPa
 Track gauge 履带中心距..... 2,000mm
 Length of track on ground 履带接地长度..... 2,840mm
 Track pitch 链轨节距..... 216mm
 Sprocket, track rollers, carrier rollers, and front idlers..... Floating oil seal structure
 驱动轮、支重轮、托带轮和引导轮..... 浮动油密封结构
 Number of carrier rollers (each side) 托带轮数(每边)..... 2
 Number of track rollers (each side)
 履带支重轮数量(每边)..... 7 (5 single, 2 double) 7 (5单, 2双)

Under our policy of continuous product development and improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine. Consult your XCMG office or dealer for details.

鉴于我们一直执行持续的产品发展与改进政策, 我们保留对技术规格和设计的更改权, 恕不另行通知。所有图表没有必要一定展示设备的标准配置。详细资



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● TRAVEL SPEED 行驶速度(km/h)

	1st I档	2nd II档	3rd III档
Forward 前进	3.8km/h	6.8km/h	11.3km/h
Reverse 后退	4.9km/h	8.2km/h	13.6km/h

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

Working pump 工作泵..... PAL.160 gear pump齿轮泵
 Rated delivery (L/min) (2000r/min) 额定流量 (L/min) (2000r/min)..... 266
 Working pressure (MPa) 工作压力 (MPa)..... 14
 Control valve 操纵阀..... Spool type 滑阀式
 Valve position 阀位..... Raise, hold, lower, float上升、保持、下降、浮动
 Cylinder 油缸..... Double acting-hardened chrome plated piston rods
 双作用——淬火镀铬活塞杆
 Number of cylinders - Bore x stroke 油缸数量-缸径 x 行程
 Blade lifting and lowering cylinder 铲刀升降油缸..... 2-120mm x 1,043mm
 Blade tilting cylinder 铲刀倾斜油缸..... 1-200mm x 130mm
 Ripper cylinder 松土器油缸..... 2-150mm x 410mm

● OPERATION SYSTEM 操作系统

Gearbox shift 变速..... Manual hydraulic control 手动液压操纵
 Steering and brake 转向和制动..... Hydraulic booster 液压助力式
 Accelerator 油门..... Hand accelerator and accelerator pedal reduction
 手油门与踏板减速
 Blade 铲刀..... Manual, servo-assisted hydraulic 手动、液压、伺服随动
 Ripper 松土器..... Manual, servo-assisted hydraulic 手动、液压、伺服随动

● WORK EQUIPMENT 工作装置

Blade type 推土板形式	Straight tilt blade 直倾铲	Angle blade 角铲
Blade(Width x Height) 推土板(宽 x 高)	3,725 x 1,390mm	4365 x 985mm
Max. lift above ground 最大提升高度	1210mm	1292mm
Max. tilt range 最大倾斜量	735mm	—
Max. cutting depth below ground 最大切削深度	540mm	536mm
Pitch adjustment (°) 刀刃切削角(°)	55°	55°
Gradeability 爬坡能力	30°	30°
Ripper type 松土器形式	Three shanks 三齿	Single shank 单齿
Max. penetration depth of ripper 松土器最大松土深度	665mm	695mm
Max. lift above ground of ripper 松土器最大提升高度	555mm	515mm
Ripper weight 松土器重量	2,900kg	3,600kg

This product is designed and manufactured under the company quality system which has been certified to ISO9001:2000 by VOUCHING TECHNICAL INSPECTION LTD, registration number: 0404Q1008940L.

该产品根据公经华信技术检验有限公司认证注册编号为0404Q1008940L的ISO9001: 2000质量