TY165—3推土机

TY165—3 BULLDOZER

河北宣工
HBXG

河北宣工机械发展有限责任公司

XUANHUA CONSTRUCTION MACHINERY DEVELOPMENT CO.,LTD.

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TY165-3 推土机 TY165-3BULLDOZER

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半刚性悬挂、液力传动、液压助力操纵的履带推土机。工作装置液压先导操作。生产效率高、通过能力强、操纵轻便、结构简单、维修方便。可选配三钩松土器、U型铲刀（铲刀容量5.2）等多种装置。是交通、油田、电力、矿山等土石方施工的理想机械。

TY165-3 bulldozer is 165 horsepower track-type dozer with hydraulic direct drive, semi-rigid suspended and hydraulic assisting operating, pilot hydraulic blade control .TY165-3 bulldozer is characterized by high efficient, open view, optimized structure, easy operation and service with low cost and reliable entire quality.It can be equipped with three shanks ripper, U-blade (5.2 cubic meter capacity) and other optional components.
TY165-3 bulldozer is applicable for earth handling in road construction, desert and oil-field working, farmland and port construction, irrigation and electric power engineering, mining and other engineer conditions.

推土机性能参数 Specifications

铲刀型式 Dozer	直倾铲 Tilt	U型铲 U-blade
使用质量 Operation weight (kg)	17550	18050
接地比压 Ground pressure (kpa)	66.9	67.4
履带中心距 Track gauge (mm)	1880	1880
最小离地高度 Min. ground clearance (mm)	353	353
坡行性能 Gradient	30° / 25°	30° / 25°
铲刀容量 Dozing capacity (m^3)	4.6	5.2
铲刀宽度 Blade width (mm)	3442	3467
最大切土深度 Max. digging depth (mm)	420	420
外形尺寸（长 X 宽 X 高）Overall dimensions (mm)		
直倾铲 Tilt	5447X3442X3160	

发动机 Engine	
型式 Type	潍柴 WD10G178E25
额定转速 Rated revolution (rpm)	1850
额定功率 Rated power (KW)	131
最大扭矩 Max. torque (N.m/rpm)	830/1000-1200
燃油消耗率 Rated fuel consumption (g/KW·h)	≤215

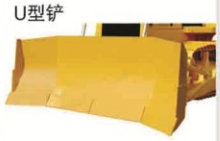
行走系统 Undercarriage system	
型式 Type	八字梁半刚性结构、平衡梁摆动。 Swing type of sprayed beam. Suspended Structure of equalizer bar.
支重轮数量（单侧）Number of track rollers (each side)	6
托链轮数量（单侧）Number of carrier rollers (each side)	2
链轨节距 Pitch (mm)	203
履带板宽度 Width of shoe (mm)	500

速度档 Gear	一档 1st	二档 2nd	三档 3rd
前进 Forward km/h	3.32	6.26	11.40
后退 Backward km/h	4.00	7.57	13.87

工作装置液压系统 Implement hydraulic system	
最高系统压力 Max. system pressure (Mpa)	12
油泵型式 Pump type	双联齿轮油泵 Two group gears pump
系统流量 System output (L/min)	176

传动系统 Driving system	
变矩器 Torge converter	单极单相三元件 3-element 1- stage 1- phase
变速箱 Transmission	变速箱为行星齿轮传动，动力换档变速箱。前进三档，后退三档。可实现档位和方向的快速变换。 Planetary, power shift transmission with three speeds forward and three speeds reverse, speed and direction can be quickly shifted.
转向离合器 Steering clutc	湿式、多片粉末冶金摩擦片、弹簧压紧、液压分离。 Multiple-disc oil power metallurgy disc compressed by spring. hydraulic operated.
转向制动器 Steering brake	湿式、浮动、双向带式、液压助力脚踏式操纵。 Wet type,floating,double direction belt type,hydraulic power assisted pedal operation.
最终传动 Final drive	两级直齿轮减速、浮动油封密封、链轮采用组合式、便于维修。 The final drive are double reduction with spur gear and segment sproket, which are sealed by duo- cone seal.

U型铲



三钩松土器

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