

MC165C/MC180C/MC220C

液力驱动自行式平地机

Hydrodynamic Self-Propelled Motor Grader



主要特点 Main Features

- 发动机采用康明斯6BTA5.9/6CTA8.3国II柴油机，动力强劲性能可靠。
CUMMINS 6BTA5.9/6CTA8.3 stage II diesel engine is adopted .
- 变矩器使用德国采埃孚技术生产，与变速箱连为一体。双油缸控制铲土角，可根据土壤硬度不同，控制铲刀入土角度。

The torque converter is manufactured with GERMANY ZF technology and is integrated with the gearbox. Double oil cylinders control shoveling angle. It could adjust the shoveling angle depending on soil quality.

- 国内首创独特的液压拔销装置，配合进口铲刀升降液压平衡阀以及两套HUSCO五路液压操纵阀，使整个系统的操作更加方便灵敏。

The unique hydraulic pin pulling device, together with the imported hydraulic balance valve and two sets of HUSCO five-way hydraulic control valve, makes the whole system more convenient and sensitive.

- 采用中央铰接机构和偏转式转向轮，可实现整机蟹行。
The central articulated mechanism and the deflection steering front wheel are adopted to realize the whole crab walking.

- 采用蓄能器制动系统，四轮高效钳盘式行车制动器和内涨蹄式停车制动器，形成三重制动保障。
Accumulator brake system, four-wheel high-efficiency caliper-disc traveling brake and inner-rising-shoe stopping brake support triple braking protection.

- 前进6档后退3档的多档位设计，满足行驶与作业过程中各种不同的工况。

The multi-gear design of forward 6-gear and backward 3-gear can satisfy various working conditions in the course of driving and working.

杭齿变矩器
ADVANCE gearbox前推土板
Front bulldozer后松土器
Rear ripper操纵台
Operating levers

主要技术参数 Main Technical Parameters

型号 MODEL			MC165C	MC180C	MC220C
整机重量	Operating mass	kg	15000	16000	16900
前桥负荷	Front axle load	kg	4150	5150	5820
后桥负荷	Rear axle load	kg	10850	10850	11080
最高前进速度	Max.forward speed	km/h	40.4	36	36.8
最高后退速度	Max.backward speed	km/h	25.7	25	24.8
档位数（前进/后退）	Speed gear number		F6/R3	F6/R3	F6/R3
最小转弯半径	Turning radius	mm	7500	7800	7800
液压系统压力	Hydraulic system pressure	Mpa	18	18	18
铲刀长×弦高	Blade length × height	mm	3660x610	3965x610	3965x610
前桥轮距	Front wheeltrack	mm	2150	2150	2150
后桥轮距	Rear wheeltrack	mm	2255	2255	2255
轴距	Wheelbase	mm	5347	5647	5647
国二发动机型号	Stage II engine model		CUMMINS 6BTA5.9	CUMMINS 6BTA5.9	CUMMINS 6CTA8.3
额定功率	Engine power	kW	125	132	158
外形尺寸	Overall dimensions	mm	8305x2695x3420	8605x2695x3420	8605x2695x3420

本厂产品随技术进步将不断改进，样本所列参数和结构特性与实物差异之处以实物为准

Our products will be continuously improved with the progressing of the technique, so please indicate the difference between the listed parameters in the sample sheet and structure features. and take material object as the standard.