

GR系列平地机

GR Series Motor Grader

GR100/GR135/GR150M/GR165/GR180/GR200/GR215/GR215A/GR300/GH215



主要技术参数 Main Technical Specification		GR100	GR135	GR150M	GR165	GR180	GR200	GR215	GR215A	GR300	GH215
产品型号 Model		GR100	GR135	GR150M	GR165	GR180	GR200	GR215	GR215A	GR300	GH215
发动机型号 Engine model		4BT3.9	6BT5.9	QSB6.7	6BTA5.9/SC8D170G2B1	CTAA8.3/SC8D190G2B1	SC8D200G2B1	CTAA8.3/6CTA8.3	QSB6.7/6CTA8.3	QSL9	QSB6.7/6CTA8.3
额定功率 / 转速 Rated power/speed	kW/rpm	75/2400	100/2200	119/2200	125/2200	138/2200 140/2300	147/2300	153/2200 160/2200	164/2200 160/2200	224/2100	164/2200 160/2200
整机外形尺寸 Dimension(LxWxH)	mm	6880 x 2375 x 3150	8015x2380x3050	8440x2380x3150	8900x2625x3470	8900x2625x3470	8932 x 2625 x 3470	8970x2625x3470	9180x2625x3470	10500x3100x3550	9105x2625x3470
整机质量(标配) Operating weight (Standard)	kg	7000	11200	13500	15000	15400	16000	16500	16100	26000	16500
前进速度 Travelling speed, forward	km/h	5,8,11,17,24,38	5,8,13,20,30,42	5,8,13,20,30,40	5,8,11,19,23,38	5,8,11,19,23,38	5,8,11,19,23,38	5,8,11,19,23,38	5,8,11,19,23,38	5,8,11,19,23,40	5,8,11,16,26,38
后退速度 Travelling speed, reverse	km/h	5,11,24	5,13,30	5,13,30	5,11,23	5,11,23	5,11,23	5,11,23	5,11,23	5,11,23	5,8,11,16,26,38
牵引力(I=0.8) Tractive force	kN	41.6	61.3	80.3	82	84	87	90	115.3	143	98
最大爬坡能力 Max. gradeability	%	30	30	30	30	30	30	30	36	36	30
轮胎充气压力 Tire inflation pressure	KPa	350	300	300	260	260	260	260	260	350	260
工作系统压力 Working hydraulic pressure	MPa	16	16	16	18	18	18	18	18	18	18
变速箱压力 Transmission pressure	MPa	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8	1.3~1.8
前轮最大转向角 Max. steering angle of front wheels	°	左/右49	左/右49	左/右49	左/右50	左/右50	左/右50	左/右50	左/右50	左/右50	左/右50
前轮最大倾斜角 Max. lean angle of front wheels	°	左/右17	左/右17	左/右17	左/右17	左/右17	左/右17	左/右17	左/右17	左/右17	左/右17
前桥最大摆动角 Max. oscillation angle of front axle	°	上/下15	上/下15	上/下15	上/下15	上/下15	上/下15	上/下15	上/下15	上/下15	上/下15
平衡箱最大摆动角 Max. oscillation angle of balance box	°		前/后16	前/后16	前/后15	前/后15	前/后15	前/后15	前/后15	前/后15	前/后15
车架最大转向角 Frame articulation angle	°	左/右27	左/右27	左/右27	左/右27	左/右27	左/右27	左/右27	左/右27	左/右27	左/右27
最小转弯半径 Min. turning radius using articulation	m	5.9	6.6	6.6	7.3	7.3	7.3	7.3	7.3	8.3	7.3
最大提升高度 Maximum lift above ground	mm	300	410	410	450	450	450	450	450	450	450
最大铲土深度 Maximum depth of cutting	mm	350	515	515	500	500	500	500	500	500	500
最大侧倾角度 Maximum blade position angle	°	45	90	90	90	90	90	90	90	90	90
切削角 Blade cutting angle	°	28~70	54~90	54~90	28~70	28~70	28~70	28~70	28~70	28~70	28~70
回转角 Circle reversing rotation	°	120	360	360	360	360	360	360	360	360	360
长度 x 弦高 Moldboard width x height	mm	3048 x 450	3710x610	3660x610	3965x610	3965x610	4270x610	4270x610	4270x610	4920x787	4270x610

本产品随技术进步将不断改进,如有修改,恕不另行通知。样本图片与实物不符的,以实物为准。
Under our policy of continuous product development and improvement, we reserve the right to change specifications and design without prior notice.

GR100/GR135/GR150M/GR165/GR180/GR200/GR215 性能特点 Performance and characteristic

- 新外观设计。
- 采用铰接式车架,配合前轮转向,转弯半径小,机动灵活。
- 电液控制动力换挡变速箱,前进6档,后退3档。
- 采用国际化配套液压件,工作可靠。
- 铲刀动作为全液压控制。
- 后桥为三段式驱动桥装有NO-SPIN自锁差速器。
- 可调整操纵台、座椅,操纵手柄和仪表布置合理,使用方便,提高了驾驶舒适性。
- 驾驶室豪华美观、视野开阔、密封良好。
- 可加装前推土板、后松土器、前松土耙、自动找平装置。
- New appearance design.
- The articulation frame is adopted and matched with the steering of the front wheel,with small turning radius,maneuvering and flexible.
- The electro-hydraulic controls the power shift gearbox,with 6 ahead gears and 3 back gears.
- The international matching hydraulic parts are adopted,with reliable operation.
- The motions of the blade are fully hydraulically controlled.
- The rear axle is the three-section driving axle which is provided with the NO-SPIN self-locking differential mechanism.
- The manipulation table and seats are adjustable. The arrangement of the manipulation handle and instruments are reasonable,with convenient application,and the comfort of driving is improved.
- The cab is grand and nice,with wide eyeshot and good sealing.
- The front bulldozing plate, rear scarification device,front scarification harrow and automatic leveling device can be added.

GR215A 性能特点: Performance and characteristic

- CUMMINS电喷柴油发动机(Tier3),低噪音,低排放。
- ZF电液控制动力换挡箱,操纵灵活方便。
- 三段式驱动后桥,带NO-SPIN自动防滑差速器,传动平稳可靠。
- 前轮液压辅助驱动系统,与后轮档位联锁控制,整机可实现6轮、4轮及2轮驱动。
- 双回路行车制动液压系统,安全可靠。
- ROPS&FOPS驾驶室,装备电动洗窗和除雾装置,冷暖两用空调,自动通风换气。
- 整机通过CE认证,符合欧州安全环保要求。
- 可选装部件:前推土板、前松土耙、后松土器、滚珠转盘、自动找平系统。
- CUMMINS electronic control engine(Tier3), low noise ,low emission.
- ZF electronic and liquid control transmission ,easy to operate.
- Three portions drive rear axle ,with NO-SPIN automatic and skid-proof differential, make transmission calmly and dependably.
- Controlled by front wheel with hydraulic assistant drive system and back wheel ,implement 6 wheels、4 wheels or 2 wheels drive.
- Double loop brake hydraulic system ,make it safety and dependability.
- ROPS&FOPS cab with electric washing window equipment 、clear fog equipment and air-condition of refrigeration and warm , automatic ventilation.
- Pass CE attestation, accord with the safe and claim regulation of Europe.
- Select parts: front blade、front ripper、back ripper、ball bearing circle、automatic horizontal system.

