



# Road Construction Equipments



XCMG For Your Success



## STANDARD EQUIPMENT MAIN SPECIFICATIONS

Description	GR135	GR215	Description	R135	GR215
Basic Specification:			Blade cutting angle (°)	28-70	28-70
Engine Model	Cummins 6BT5.9-CC	Cummins CTAA8.3-C	Blade Moldboard WxH (mm)	3710x610	4270x610
Rated power / rated speed	100kw/2200rpm	153kw(205hp)/2200rpm	Blade Circle reversing rotation (°)	360	360
Dimension (LxWxH) Std (mm)	8015x2380x3050	9422x2601x3430	Performance Specification:		
Operating Weight (Std) (Kg)	11000	17000	Travelling speed, forward (km/h)	5,8,13,20,30,42	5,8,11,19,23,38
Module weight on front wheels (Kg)	3300	5100	Travelling speed, reverse (km/h)	5,13,30	5,11,23
Module weight on rear wheels (Kg)	7700	11900	Max. tractive force (kN)	61.38	7
Tyre Size	13000-24TG RP12	17.5-25RP12	Max. grade ability (°)	20	20
Min. ground clearance (mm)	410	430	Tire inflation pressure (bar)-		2.6
Distance between front & rear axles (mm)	5780	6266	Working hydraulic pressure (Mpa)	18	18
Distance between middle & rear wheels (mm)	11541	1639	Transmission pressure (Mpa)	1.6-1.8	1.6-1.8
Operating Specifications:			Service refill (reference):		
Max. steering angle of front wheels (°)4	94	5	Cooling system (L)	50	50
Max. lean angle of front wheels (°)1	71	7	Fuel Tank (L)	280	280
Max. oscillation angle of front axle (°)1	51	5	Engine (Crankcase) Oil (L)	24	24
Frame articulation angle 9°)2	72	5	Hydraulic system (L)	110	110
Min. turning radius using articulation (m)	6.6	7.8	Transmission (L)-		26
Max. lift above ground (mm)	450	460	Counterbalancing case (L)		46
Max. dept of cutting (mm)	535	500	Axles (L) -	28	28
Max. blade position angle (°)	90	90	Turbine box (L)-		2.5

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## Road Roller



### STANDARD EQUIPMENT SPECIFICATIONS

Description	XS142J	XS162J	XS182J
Working mass (kg)	14000	16000	18000
Distribution mass on front drum (kg)	7000	7700	9000
Static linear load (N/cm)	322		422
Driving speed (km/h)			
I speed	2.72	3	2.3
II speed	4.84	5	4.5
III speed	10.59	4	9.4
Theoretical gradeability (%)	30	30	30
Min. Outer turning radius	6800	6500	6500
Steering angle	±30°	±33°	±33°
Swinging angle	±11°	±11°	±11°
Vibrating frequency (Hz)	28	28	28
Nominal amplitude (High/Low) (mm)	1.9/0.95	1.9/0.95	1.9/0.95
Centrifugal force@ High/Low Amp (kN)	274/137	290/0.95	320/160
Engine model	D4114	D6114	D6114
Type	water-cooling, pressurized	water-cooling, pressurized	water-cooling, pressurized
Max. Power (kW)	92@2200r/min	115@1800r/min	115@1800r/min
Rated oil wear (g/kW.h)	230	223	223
Hydraulic tank capacity (L)	170	170	170
Fuel tank capacity (L)	180	240	240



Motor Grader



Wheel Loader



Road Roller



Static Roller

Sole Authorized Distributor for Tanzania



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