

SPECIFICATIONS

Engine

	ZG150C	ZG150H	ZG210D	ZG210	ZG220N	ZG220	ZG250	ZG330(PNMFQ)	ZG330(KAWASAKI)	ZG365	ZG385	ZG380H	ZG520(INLINE)	ZG520(KAWASAKI)
Model	Cummins 6B5.9-C150	Cummins 6B5.9-C150	Cummins 6B5.9-C150	Cummins 6BTA45.9-C150	Cummins 6BTA45.9-C178	Cummins 6LTA48.9-C325	Cummins 6LTA48.9-C325	Cummins 6LTA48.9-C325	Cummins 6LTA48.9-C325	Cummins 6LTA48.9-C325	Cummins 6LTA48.9-C325	Cummins QSL9	Cummins QSM11(III)-C375	Cummins QSM11(III)-C375
Emission	National II	National III	National II	National II	National II	National II	National II	National II	National II	National II	National II	National III	National III	National III
Displacement L	3.9	3.76	5.883	5.883	5.883	5.883	5.883	8.9	8.9	8.9	8.9	8.9	10.8	10.8
Rated power	86/2200	86/2220	112/1950	112/1950	112/1950	112/1950	133/2000	241/2000	241/2000	241/2000	241/2000	214/2000	280/2000	280/2000
Max. torque	516/1400	470/1400	614/1500	614/1500	614/1500	614/1500	708/1500	1400/1400	1400/1400	1400/1400	1400/1400	1400/1400	1343/1300	1898/1300
Maximum Idle Speed	2430	2200	2180	2180	2180	2180	2290	2075	2075	2075	2075	2100	2650	2650
Minimum Idle Speed	850	800	700	700	700	700	950	850	850	850	850	600	600	600
Engine Oil Volume	10.5-11.5	17-26	24	24	24	24	24	18.1-28.5	18.1-28.5	18.1-28.5	18.1-28.5	21-24.7	31.8-40.9	31.8-40.9
Coolant Volume	21	17	20	20	20	20	20	32	32	32	32	26.8	32	32
Start motor Voltage- Rated Power	24、 4.8	24、 4.8	24、 6	24、 6	24、 6	24、 6	24、 6	24、 8.5	24、 8.5	24、 8.5	24、 8.5	24、 7.8	24、 8.5	24、 8.5
Alternator Voltage- Rated Current	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70	28、 70

Performance

Max. traction KN	122	122	194	194	194	194	204	255	255	345	340	340	358	339
Travelling speed (H/L) Km/hr	5.9/3.4	5.9/3.4	5.7/3.1	5.5/3.6	5.7/3.1	5.5/3.6	5.8/3.2	5.3/3.1	5.3/3.1	4.7/2.5	5.5/2.9	4.8/2.6	5.5/3.1	4.9/2.9
Swing speed rpm	13	13	11.8	12	11.8	12	10.5	10	10	9.2	10.5	8.8	9.4	9.4
Gradeability Degree(%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)	35 (70%)
Ground pressure Kg/cm²	0.423	0.46	0.47	0.47	0.57	0.46	0.5	0.594	0.594	0.724	0.77	0.7	0.85	0.85

Tank capacity

Fuel tank capacity	280	280	400	400	400	400	400	520	520	520	600	650	710	710
Hydraulic tank capacity	120	120	210	210	210	210	210	210	210	345	345	345	410	410

Working pressure

Main pump	PNMFK K5V80DTP	INLINE HP3V75	PNMFK K3V112DT	PNMFK K3V112DT	PNMFK K3V112DT	PNMFK K3V112DT	PNMFK K3V112DT	PNMFK K3V112DT	PNMFK K5V140DT	KAWASAKI K5V140DT	PNMFK K3V180DTP	PNMFK K3V180DTP	KAWASAKI K5V160DT	INLINE V90N230DPPHRH1	KAWASAKI K5V212DPH
Main valve	INLINE HVME180B	INLINE HVME180B	XCMG XOY25_GJ001	INLINE HVME270B	INLINE HVME270B	INLINE HVME270B	INLINE HVME270B	INLINE HVME270B	INLINE HVME270B	KAWASAKI KMX15RB	INLINE HVME400B	INLINE HVME400	KAWASAKI KMX32NA	INLINE HVME400	KAWASAKI KMX32NA
Swing motor	PNMFK F5X80CHB	INLINE HM5X80CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	PNMFK M5X130CHB	KAWASAKI M5X180CHB	PNMFK M5X180CHB	PNMFK M5X180CHB	KAWASAKI M5X180CHB	INLINE HM5X13011284	KAWASAKI M5X130CHB
Travelling motor	EDDIE FTM22A	EDDIE FTM22A	DOOSAN TM40VD	DOOSAN TM40VD	DOOSAN TM40VD	DOOSAN TM40VD	DOOSAN TM40VD	DOOSAN TM40VD	NABTESCO GM60VA	NABTESCO GM60VA	NABTESCO GM75VA	NABTESCO GM75VA	NABTESCO GM75VA	GERMANY OK F100	GERMANY OK F100

Working pressure

	ZG150C	ZG150H	ZG210D	ZG210	ZG220N	ZG220	ZG250	ZG330(PNMFQ)	ZG330(KAWASAKI)	ZG365	ZG385	ZG380H	ZG520(INLINE)	ZG520(KAWASAKI)
Main pump maximum pressure	34.3	37	34.3	34.3	34.3	34.3	34.3	36.3	36.3	34.3	34.3	34.3	34.3	39.2
Pilot pump maximum pressure	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5	5	3.9	3.9	3.9	3.9	3.9
Main valve safety pressure	35	35	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
Swing motor rated pressure	24	26.5	25.4	25.4	25.4	25.4	26.5	27.4	27.5	27.5	26.5	26.5	28.4	28.4
Travelling motor working pressure	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
Pedal valve working pressure	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0.3-6.9	0.3-6.9
RCV working pressure	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0-6.9	0.3-6.9	0.3-6.9

*All measured values are approximate value