Grader Specification Comparison

Make	Model	Year	CCF Class	Blade								Engine							Engine					Axle		Dimensions				
				Articulated or rigid	Operating weight (kg)	Blade length (mm)	Blade height (mm)	Blade thickness (mm)	Blade lift (mm)	Blade tilt, Fwd\ Back (deg)	Shoulder reach L\R (mm)	Engine make & model	Biodiesel compatible? (Check manufacturer)	Net engine power, 1st gear (kW @ rpm)	Torque (Nm@rpm)	Torque rise (%)	Engine displacement (lit)	Number of cylinders	Transmission	Drive	Speeds, F\R	Maximum speed, Fwd\Rev (km\h)	Frontwheel drive? (Std\Opt)	Front axle total oscillation (deg)	Front wheel lean, L\R (deg)	Length (mm)	Width w\out blade (mm)	Height to top of cab (mm)	Articulation, either side (deg)	Turn circle diameter (mm)
Caterpillar	12M	2012	15	A	17300	3668	610	22	427	40/5	1742/1905	Cat C6.6 ACERT	B20	118@2000	129@2000	40	6.6	6	PS/DD	Tandem	8/6	46/36	--	32	18	9889	2481	3290	20	14920
Komatsu	GD655-5	2012	15	A	18520	4320	645	25	480	40/5	2300	Komatsu SAA6D107E-1	--	134@1900	163@1900	--	6.7	6	TC/PS	Tandem 4WD	8/4	44/40	--	32	20	10575	2490	3200	25	7400
John Deere	670G VHP	2012	15	A	18591	3660	610	22	490	42/5	2083/2083	JD 6090H	B20	116@2100	145@2100	72	9	6	DD PS	Tandem 4WD	8/8	45/45	N/A	32	20/20	9990	2490	3180	22	14420
John Deere	672G 6WD VHP	2012	15	A	19360	4270	610	22	490	42/5	2083/2083	JD 6090H	B20	127@2100	145@2100	72	9	6	DD PS+HS Front WD	Tandem 6WD	8/8	45/45	STD	32	20/20	9990	2640	3180	22	14420
Volvo	G940	2012	15	A	19500	4267	635	22	410	45/6	3290/3238	Volvo D7E	B5	131@2100	168@1800	54	7.2	6	DD PS	Tandem 4WD	11/6	48/36 (50/40)	--	32	18/18	10600	2730	3240	23	7330
Volvo	G946 AWD	2012	20	A	20500	4267	635	22	410	45/6	3290/3238	Volvo D7E	B5	145@2100	180@1800	47	7.2	6	DD PS	Tandem 6WD-4WD-2WD	11/6	48/36 (50/40)	Std	32	18/18	10600	2730	3240	23	7330