

Model		M5111	
Engine			
Engine Type		3800-TIEF4 (StageIV /DPF+SCR)	
Displacement/No. of cylinders	cm ³	3,769/4	
Rated speed	rpm	2,600	
Engine power output (97/68/EC)	hp(kw)	113 (84)	
Fuel Tank capacity/DEF-AdBlue capacity	l	105/12	
Transmission			
Type – Main gear shift		electro-hydraulic shuttle	
No. of speeds		36/36 with dual speed	
Max. Travelling speed	km/h	40	
Range gear shift		3 ranges (H-L-C)	
Main gear shift		6 fully synchronised with Hi/Lo	
Shuttle shift		microprocessor-controlled electro-hydraulic shuttle	
Main clutch		multiple wet disc, electro-hydraulically operated	
Brake type		hydraulic discs, 4 wheel braking	
4WD engagement		electro-hydraulically	
Front Differential lock F/R		limited slip automatic	
Rear Differential lock F/R		auto electro-hydraulic	
PTO			
Speed	rpm	540/540Eco; 540/1,000	
Hydraulics			
Pump capacity	l/min	64	
3-point hitch category		CAT II Quick hook type	
Control system		mechanical (position, draft & mix)	
Lift capacity at lift end	kg	4,100	
No. of remote valves		2; max. 4	
Standard tyres size		F/R 480/70R34; 360/70R24	
Dimensions & weight			
Overall length		mm	4,045
Overall height		mm	2,645
Overall width		mm	2,195
Wheelbase		mm	2,250
Tread width	front	mm	1,560–1,660
	rear	mm	1,440–1,790
Turning radius (w/o brake)		m	4.2
Tractor weight		kg	3,420
Front loader specifications			
Loader model		Height	Power
Maximum lift height to pivot pin		mm	3,700
Lift capacity to maximum height to pivot pin		kg	1,810
Maximum dump angle		deg.	52
Roll back force		N	24,470
Offset from front axle to pivot point at lower position		mm	1,433
Bucket rollback angle		deg.	40
Raising time		sec	4.2
Lowering time		sec	2.9
Bucket dumping time		sec	2.2
Bucket rollback time		sec	2.4