

B-MAX



B90 - B100 - B110 - B115 - B120




McCORMICK

Power Technology.

		B 90 MAX		B 100 MAX		B 110 MAX		B 115 MAX		B 120 MAX		
ENGINE												
Max power (97/68/EC - ISO TR 14396)		hp/kW	82 / 60		93 / 68		102 / 75		107 / 79		111 / 81	
Rated engine speed		hp/kW	2200									
Engine speed at max power		rpm	1400									
Max torque at 1400 rpm		rpm	352		393		416		400		416	
Manufacturer		Nm	Perkins									
Emission Stage - without after-treatment system		Nm	Tier3		Tier3		Tier3		Tier0		Tier3	
Cylinders / Displacement / Valves			4 / 4.4 l / 8V									
Air intake system			turbo		turbo aftercooled		turbo aftercooled		turbo		turbo aftercooled	
Fuel injection system / Filtration system			direct injection - ● fuel filter with pre-filter - ○ fuel filter with water separator									
Air filter	Dry element		●		~		~		●		~	
	Oil bath		~		~		~		~		~	
	Dry element full view		~		~		~		~		~	
	Power Core		○		●		●		○		●	
CAPACITIES												
Fuel tank		l	100									
TRANSMISSION												
Type			● mechanical - ○ electrohydraulic									
No. of gears - std			● 12 FWD + 12 REV with synchro shuttle									
No. of gears - opt			○ 12 FWD + 12 REV w/RPS with modulation control & De-clutch									
Creeper			○									
Minimum speed with creeper		m/h	340 (IR 700)									
Engine speed at 30 km/h		rpm	2200									
FRONT AND REAR AXLES												
Front axle	4WD w/o Hydralock w/o brakes		●									
	4WD w/Hydralock w/o brakes w/paddy seals		○									
	4WD w/Hydralock w/o brakes		○									
Traction type			● 4WD									
Front differential lock			○ Hydralock full locking differential (4WD)									
Rear differential lock			● mechanical - ○ electrohydraulic									
REAR PTO												
Type			● mechanical									
Speeds		rpm	● 540/1000 - ○ 540/540E									
Ground Speed PTO			●									
BRAKING SYSTEM												
Front braking system			● w/o front brakes									
Rear braking system			ramp brakes									
Trailer braking system			EEC export version									
HYDRAULIC SYSTEM												
Hydraulic pump for rear hitch & remote valves + steering - flow rate			● 54+24 (synchro shuttle) - ○ 54+30 (RPS)									
Rear remote valves - type, flow rate, number			2 up to 4 mechanical									
Free flow return			●									
REAR 3-POINT HITCH												
Rear hitch control			● mechanical									
Category -coupler type			II - ○ fixed balls ends - ○ quick-hitch hooks									
Ergonomic Lift System (E.L.S.)			○									
Max lifting capacity at hitch points		kg	● 3100 - ○ 4520 with twin assistor rams				● 2980 - ○ 5080 with twin assistor rams					
CAB / PLATFORM												
Platform configuration			~									
Total View Slim cab mounted on silent blocks			●									
In-cab noise level		dB(A)	83									
Cab heating / Climate control system			● heat and ventilation - ○ manual climate control									
Mechanical seat			●									
Comfort pneumatic seat			○									
WEIGHTS AND DIMENSIONS												
Wheelbase		mm	2316				2340					
Max height over FOPS/cab without beacon lights		mm	2625 - measured with tyres IR 750				2670 - measured with tyres IR 775					
Shipping weight - measured with average specs		kg	3800									
Gross vehicle weight		kg	6300									
Max rear tyre size - (Index Radius -IR)		mm	13.6 R38 (IR 750)				18.4 R34 (IR 775)					

Key: ● standard ○ option ~ not avaiable

All data and illustrations provided in this brochure are for information purposes only and can be changed without notice.