

# 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 filter	Dry element	●	~	~	●	~
	Oil bath	~	~	~	~	~
	Dry element full view	~	~	~	~	~
	Power Core	○	●	●	○	●
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				
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 available

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