

B-MAX



B85 - B90 - B95 - B100 - B110 - B115 - B120




McCORMICK

Power Technology.

		B 85 MAX	B 90 MAX	B 95 MAX	B 100 MAX	B 110 MAX	B 115 MAX	B 120 MAX	
ENGINE									
Max power (97/68/EC - ISO TR 14396)		hp/kW	84 / 62	82 / 60	88 / 65	93 / 68	102 / 75	107 / 79	111 / 81
Rated engine speed		rpm	2200						
Engine speed at max power		rpm	1400						
Max torque at 1400 rpm		Nm	289	352	305	393	416	400	416
Manufacturer		Perkins							
Emission Stage - without after-treatment system		Tier0	Tier3	Tier0	Tier3	Tier3	Tier0	Tier3	
Cylinders / Displacement / Valves		4 / 4.4 l / 8V							
Air intake system		aspirated	turbo	aspirated	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	95						
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							
Creep		○ (not on 2WD)							
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	○							
	2WD	○				~			
Traction type		● 4WD - ○ 2WD				● 4WD			
Front differential lock		○ Hydralock full locking differential (4WD)							
Rear differential lock		● mechanical	● 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		1 up to 2 mechanical							
Free flow return		●							
REAR 3-POINT HITCH									
Rear hitch control		● mechanical							
Category -coupler type		II - ○ fixed balls ends - ○ quick-hitch hooks							
Max lifting capacity at hitch points		kg	● 3100 - ○ 4520 with twin assistor rams				● 2980 - ○ 5080 with twin assistor rams		
CAB / PLATFORM									
Total View Slim cab mounted on silent blocks		~							
Platform configuration		● ROPS - ○ Rigid sunroof							
Mechanical seat		●							
WEIGHTS AND DIMENSIONS									
Wheelbase		mm	2224 - 2316 (2WD - 4WD)				2340 (4WD)		
Max height over FOPS/cab without beacon lights		mm	2580 - measured with tyres IR 725				2615 - measured with tyres IR 750		
Shipping weight - measured with average specs		kg	3450						
Gross vehicle weight		kg	5350						
Max rear tyre size - (Index Radius -IR)		mm	480/70 R34 (2WD - IR 750) / 13.6 R38 (4WD - IR 750)				18.4 R34 (4WD - 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.



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