

# B-MAX



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



  
**McCORMICK**

Power Technology.

|  |  | B 85<br>MAX   | B 90<br>MAX                       | B 95<br>MAX | B 100<br>MAX      | B 110<br>MAX                            | B 115<br>MAX | B 120<br>MAX      |  |
|--|--|---|-----------------------------------|-------------|-------------------|---|--------------|-------------------|--|
| <b>ENGINE</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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   | hp/kW                                    | 2200  |                                   |             |                   |   |              |                   |  |
| Engine speed at max power  | rpm                                      | 1400  |                                   |             |                   |   |              |                   |  |
| Max torque at 1400 rpm   | rpm                                      | 289   | 352                               | 305         | 393               | 416                                     | 400          | 416               |  |
| Manufacturer   | Nm                                       | Perkins   |                                   |             |                   |   |              |                   |  |
| Emission Stage - without after-treatment system                      | Nm                                       | Tier0   | Tier3                             | Tier0       | 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  |  | 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 |                                   |             |                   |   |              |                   |  |
| <b>CAPACITIES</b>  |  |   |                                   |             |                   |   |              |                   |  |
| Fuel tank  | l  | 95  |                                   |             |                   |   |              |                   |  |
| <b>TRANSMISSION</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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  |                                   |             |                   |   |              |                   |  |
| <b>FRONT AND REAR AXLES</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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 |             |                   |   |              |                   |  |
| <b>REAR PTO</b>  |  |   |                                   |             |                   |   |              |                   |  |
| Type   |  | ● mechanical  |                                   |             |                   |   |              |                   |  |
| Speeds   | rpm                                      | ● 540/1000 - ○ 540/540E   |                                   |             |                   |   |              |                   |  |
| Ground speed PTO   |  | ●   |                                   |             |                   |   |              |                   |  |
| <b>BRAKING SYSTEM</b>  |  |   |                                   |             |                   |   |              |                   |  |
| Front braking system   |  | ● w/o front brakes  |                                   |             |                   |   |              |                   |  |
| Rear braking system  |  | ramp brakes   |                                   |             |                   |   |              |                   |  |
| Trailer braking system   |  | EEC export version  |                                   |             |                   |   |              |                   |  |
| <b>HYDRAULIC SYSTEM</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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   |  | ●   |                                   |             |                   |   |              |                   |  |
| <b>REAR 3-POINT HITCH</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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 |              |                   |  |
| <b>CAB / PLATFORM</b>  |  |   |                                   |             |                   |   |              |                   |  |
| Total View Slim cab mounted on silent blocks                         |  | ~   |                                   |             |                   |   |              |                   |  |
| Platform configuration   |  | ● ROPS - ○ Rigid sunroof  |                                   |             |                   |   |              |                   |  |
| Mechanical seat  |  | ●   |                                   |             |                   |   |              |                   |  |
| <b>WEIGHTS AND DIMENSIONS</b>  |  |   |                                   |             |                   |   |              |                   |  |
| 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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