

# MF 3400 Specifications: ● = Standard ○ = Optional – = Not applicable/available

|                                                                 |          | 3425             | 3435             | 3445             | 3455             |
|-----------------------------------------------------------------|----------|------------------|------------------|------------------|------------------|
| <b>Performance</b>                                              |          |                  |                  |                  |                  |
| Engine power                                                    | *hp (kW) | 64 (46)          | 80 (60)          | 90 (67)          | 98 (72.5)        |
| @ rev/min                                                       |          | 2200             | 2200             | 2200             | 2200             |
| Max. torque/@ rev/min                                           | * Nm     | 270/1400         | 294/1400         | 380/1400         | 404/1400         |
| * = ISO/TR 14396                                                |          |                  |                  |                  |                  |
| <b>Engine</b>                                                   |          |                  |                  |                  |                  |
| Water cooled, direct injection diesel                           |          | ●                | ●                | ●                | ●                |
| Model                                                           | Perkins  | 1103C-33T        | 1104C-44         | 1104C-44T        | 1104C-44T        |
| Aspiration                                                      |          | Turbo            | Natural          | Turbo            | Turbo            |
| Capacity/No. cylinders                                          | litre    | 3.3/3            | 4.4/4            | 4.4/4            | 4.4/4            |
| Air cleaner; dual, dry element                                  |          | ●                | ●                | ●                | ●                |
| <b>Clutch</b>                                                   |          |                  |                  |                  |                  |
| Single plate, dry, organic with hydrostatic control             |          | ●                | ●                | ●                | ●                |
| <b>Transmission</b>                                             |          |                  |                  |                  |                  |
| 16 forward, 8 reverse synchro. with underdrive                  |          | ●                | ●                | ●                | ●                |
| 20 forward, 10 reverse synchro. with underdrive                 |          | ○                | ○                | ○                | ○                |
| 24 forward, 12 reverse synchro. with underdrive and supercreep  |          | ○                | ○                | ○                | ○                |
| 30 forward, 15 reverse synchro. with underdrive and supercreep  |          | ○                | ○                | ○                | ○                |
| 36 forward, 36 reverse synchro* with Tripleshift and supercreep |          | ○                | ○                | –                | –                |
| 45 forward, 45 reverse** with Tripleshift and creep             |          | ○                | ○                | ○                | ○                |
| Manual synchro shuttle                                          |          | ●                | ●                | ●                | ●                |
| * 'V' models only ** 'S', 'F' and 'GE' models only              |          |                  |                  |                  |                  |
| <b>Power take-off, rear</b>                                     |          |                  |                  |                  |                  |
| Independent, operated by switch, actuated by hydraulic clutch   |          | ●                | ●                | ●                | ●                |
| 540/540 Econ (750)                                              |          | ●                | ●                | ●                | ●                |
| 540/1000                                                        |          | ○                | ○                | ○                | ○                |
| Fixed, 6-spline PTO shaft                                       |          | ●                | ●                | ●                | ●                |
| Interchangeable PTO shafts                                      |          | ○                | ○                | ○                | ○                |
| Shiftable PTO, by axle mounted lever                            |          | ●                | ●                | ●                | ●                |
| Ground speed PTO                                                |          | ○                | ○                | ○                | ○                |
| PTO speed @ engine rev/min                                      |          |                  |                  |                  |                  |
| 540/540 Econ (750)                                              | rev/min  | 1967/1560 (2167) | 1967/1560 (2167) | 1967/1560 (2167) | 1967/1560 (2167) |
| 540/1000                                                        | rev/min  | 1967/2043        | 1967/2043        | 1967/2043        | 1967/2043        |
| Shaft diameter                                                  |          |                  |                  |                  |                  |
| 35 mm (1 3/8 in), 6 and 21 splines                              |          | ●                | ●                | ●                | ●                |

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|----------------------------------------------------------------------|-----------|-------|-------|-------|-------|
| <b>Rear linkage</b>                                                  |           |       |       |       |       |
| Mechanical draft position and float control, plus Intermix           |           | ●     | ●     | ●     | ●     |
| Electronic linkage control                                           |           | ○     | ○     | ○     | ○     |
| Lower links, Cat.1/ 2 ball end                                       |           | ●     | ●     | ●     | ●     |
| Cat. 2 hook end                                                      |           | ○     | ○     | ○     | ○     |
| Electro-hydraulic adjustment of stabilisers and lift rod             |           | ○     | ○     | ○     | ○     |
| Hydraulic adjustment of lift rod                                     |           | ○     | ○     | ○     | ○     |
| Max lift capacity                                                    | kg        | 2600  | 2600  | 2600  | 2600  |
| <b>Hydraulics</b>                                                    |           |       |       |       |       |
| Transmission mounted pumps, twin circuit                             |           | ●     | ●     | ●     | ●     |
| Circuit 1: steering, electro-hydraulic controls, gearbox lubrication |           |       |       |       |       |
| Circuit 2: rear linkage, spool valves, trailer brakes                |           |       |       |       |       |
| Output - standard pump                                               | litre/min | 44    | 44    | 44    | 44    |
| - optional 'high flow' pump                                          | litre/min | 52    | 52    | 52    | 52    |
| - optional tandem pump                                               | litre/min | 37+25 | 37+25 | 37+25 | 37+25 |
| Max. pressure                                                        | bar       | 180   | 180   | 180   | 180   |
| <b>Steering</b>                                                      |           |       |       |       |       |
| Hydrostatic                                                          |           | ●     | ●     | ●     | ●     |
| Telescopic steering column                                           |           | ●     | ●     | ●     | ●     |
| <b>2WD front axle</b>                                                |           |       |       |       |       |
| Max. steering angle, V/S, F, GE                                      | degrees   | 50/70 | 50/70 | –     | –     |
| <b>4WD front axle</b>                                                |           |       |       |       |       |
| Max. steering angle                                                  |           |       |       |       |       |
| 'V' models                                                           | degrees   | 50    | 50    | 50    | 50    |
| 'S' and 'GE' models                                                  | degrees   | 56    | 56    | 56    | 56    |
| 'F' models                                                           | degrees   | 55    | 55    | 55    | 55    |
| <b>Differential locks</b>                                            |           |       |       |       |       |
| Front and rear, 'Hydralock' (4WD only)                               |           | ●     | ●     | ●     | ●     |
| <b>Auxiliary hydraulics - control</b>                                |           |       |       |       |       |
| Two rear-mounted single/double acting spool valves                   |           | ●     | ●     | ●     | ●     |
| 3rd rear spool valve with flow control and free return               |           | ○     | ○     | ○     | ○     |
| 2 additional mid-mounted spool valves                                |           | ○     | ○     | ○     | ○     |
| 4 additional front outlets                                           |           | ○     | ○     | ○     | ○     |
| <b>Brakes</b>                                                        |           |       |       |       |       |
| Front axle:                                                          |           |       |       |       |       |
| 2 and 4WD (except 30 km/h 2WD and 'V' models)                        |           |       |       |       |       |
| Oil-cooled, with hydraulic actuation                                 |           | ●     | ●     | ●     | ●     |

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|--------------------------------------|--------------|--|-------------|-------------|------------|------------|
| <b>Rear axle:</b>                    |              |  |             |             |            |            |
| Oil-cooled, with hydraulic actuation |              |  | ●           | ●           | ●          | ●          |
| Parking brake, hand lever operated   |              |  | ●           | ●           | ●          | ●          |
| Trailer brakes, hydraulic            |              |  | ○           | ○           | ○          | ○          |
| <b>'Standard' wheels and tyres</b>   |              |  |             |             |            |            |
| 'V' models                           | Front - 2 WD |  | 6.50R16     | 6.50R16     | —          | —          |
|                                      | - 4 WD       |  | 6.50R16     | 6.50R16     | —          | —          |
|                                      | Rear         |  | 11.2R28     | 11.2R28     | —          | —          |
| 'S' models                           | Front - 2 WD |  | 6.50R16     | 7.50R16     | —          | —          |
|                                      | - 4 WD       |  | 7.50R18     | 7.50R20     | 7.50R20    | 7.50R20    |
|                                      | Rear         |  | 12.4R28     | 13.6R28     | 13.6R28    | 13.6R28    |
| 'F' models                           | Front - 2 WD |  | 6.50R16     | 7.50R16     | —          | —          |
|                                      | - 4 WD       |  | 7.50R16     | 8.25R16     | 8.25R16    | 8.25R16    |
|                                      | Rear         |  | 12.4R28     | 13.6R28     | 13.6R28    | 13.6R28    |
| 'GE' models                          | Front - 2WD  |  | 7.00R12     | 7.00R12     | —          | —          |
|                                      | - 4WD        |  | 240/70R16   | 240/70R16   | 240/70R16  | 240/70R16  |
|                                      | Rear         |  | 320/70R24   | 320/70R24   | 320/70R24  | 320/70R24  |
| 'GE (V)' models                      | Front - 2WD  |  | 7.00R12     | 7.00R12     | —          | —          |
|                                      | - 4WD        |  | 6.50R16     | 6.50R16     | 6.50R16    | 6.50R16    |
|                                      | Rear         |  | 11.2R24     | 11.2R24     | 11.2R24    | 11.2R24    |
| <b>Dimensions</b>                    |              |  |             |             |            |            |
| Length - Incl. weight frame/links    | mm           |  | 3700        | 3750        | 3750       | 3750       |
| Length - less weight frame           | mm           |  | 3620        | 3670        | 3670       | 3670       |
| Wheelbase - 2WD/4WD                  | mm           |  | 2020/2000   | 2080/2100   | — /2100    | — /2100    |
| 'V' and GE(V) 4WD models             | mm           |  | 2050        | 2150        | 2150       | 2150       |
| Overall height                       |              |  |             |             |            |            |
| over cab/ROPS                        | mm           |  | 2200/2230   | 2200/2230   | 2200/2230  | 2200/2230  |
| over air con. unit                   | mm           |  | 2200        | 2200        | 2260       | 2260       |
| over bonnet/steering wheel           | mm           |  | 1250        | 1250        | 1310       | 1310       |
| over beacon                          | mm           |  | 2460        | 2465        | 2465       | 2465       |
| Min. width,                          |              |  |             |             |            |            |
| 'V'/'S'/'F' models                   | m            |  | 1,0/1,2/1,4 | 1,0/1,2/1,4 | — /1,2/1,4 | — /1,2/1,4 |
| 'GE (V)'/'GE' models                 | m            |  | 1.1/1.28    | 1.1/1.28    | 1.1/1.28   | 1.1/1.28   |
| <b>Capacities</b>                    |              |  |             |             |            |            |
| Main fuel tank                       | litre        |  | 45          | 45          | 45         | 45         |
| Auxiliary fuel tank (optional)       | litre        |  | 28          | 28          | 28         | 28         |