

Technical sheet :

# **MANURE FORK WITH GRAPPLE (COMPACT MACHINES)**

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## **Customer benefits**

- Attachment designed for agricultural applications.

## **Technical characteristics**

- Complete grapple opening for an efficient work.
- Heavy duty teeth & tines.

**MANITOU** GROUP ATTACHMENTS

| Capacities                 |     | FMG 920 / 240 (a)                                                                 | FMG 920 / 240 (b)                                                                 | FMG 1080 / 290                                                                    | FMG 1100 / 320                                                                    | FMG 1200 / 320 (a)                                                                | FMG 1200 / 320 (b)                                                                | FMG 1200 / 430                                                                      | FMG 1400 / 380                                                                      | FMG 1500 / 380                                                                      | FMG 1500 / 540                                                                      |
|----------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Heaped capacity (l)        |     | 240                                                                               | 240                                                                               | 290                                                                               | 290                                                                               | 320                                                                               | 320                                                                               | 430                                                                                 | 380                                                                                 | 380                                                                                 | 540                                                                                 |
| Weight                     |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Overall weight (kg)        |     | 120                                                                               | 120                                                                               | 130                                                                               | 145                                                                               | 144                                                                               | 136                                                                               | 180                                                                                 | 150                                                                                 | 165                                                                                 | 213                                                                                 |
| Weight and dimensions      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Overall height (mm)        | h17 | 746                                                                               | 746                                                                               | 746                                                                               | 746                                                                               | 746                                                                               | 746                                                                               | 796                                                                                 | 746                                                                                 | 746                                                                                 | 796                                                                                 |
| Width (mm)                 |     | 920                                                                               | 920                                                                               | 1080                                                                              | 1100                                                                              | 1200                                                                              | 1200                                                                              | 1200                                                                                | 1400                                                                                | 1500                                                                                | 1500                                                                                |
| Depth (mm)                 | p5  | -                                                                                 | 905                                                                               | 905                                                                               | 848                                                                               | 904                                                                               | 905                                                                               | 1028                                                                                | 848                                                                                 | 848                                                                                 | 1028                                                                                |
| Working Parameters         |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Required machine equipment |     |  |  |  |  |  |  |  |  |  |  |
| Teeth / Fingers            |     | 3 / 5                                                                             | 3 / 5                                                                             | 3 / 6                                                                             | 6                                                                                 | 3 / 6                                                                             | 3 / 6                                                                             | 6                                                                                   | 4 / 7                                                                               | 4 / 8                                                                               | 8                                                                                   |

| Machines compatibility      | FMG 920 / 240 (a) | FMG 920 / 240 (b) | FMG 1080 / 290 | FMG 1100 / 320 | FMG 1200 / 320 (a) | FMG 1200 / 320 (b) | FMG 1200 / 430 | FMG 1400 / 380 | FMG 1500 / 380 | FMG 1500 / 540 |
|-----------------------------|-------------------|-------------------|----------------|----------------|--------------------|--------------------|----------------|----------------|----------------|----------------|
| All-Tach® Narrow            | N004029           | -                 | -              | -              | 52799524           | -                  | -              | -              | -              | -              |
| All-Tach®                   | -                 | N726022           | N726023        | -              | -                  | N736028            | N004099        | N736029        | N736030        | 52799529       |
| 4 point Camiage             | N701956           | -                 | -              | -              | 52796387           | -                  | -              | -              | -              | 52799527       |
| Euro Camiage                | -                 | -                 | -              | 52807870       | 52799523           | -                  | -              | -              | -              | 52799528       |
| 850R                        | -                 | X                 | X              | -              | -                  | -                  | -              | -              | -              | -              |
| 1050R                       | -                 | -                 | -              | -              | -                  | X                  | -              | X              | X              | -              |
| 1050RT                      | -                 | -                 | -              | -              | -                  | X                  | -              | X              | X              | -              |
| 1350R NXT2                  | -                 | -                 | -              | -              | -                  | -                  | -              | X              | X              | -              |
| 1350RT                      | -                 | -                 | -              | -              | X                  | X                  | -              | X              | X              | -              |
| 1640E                       | -                 | X                 | X              | -              | -                  | -                  | -              | -              | -              | -              |
| AL230                       | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| AL320                       | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| AL330                       | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| AL420                       | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| AL430                       | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| AL530                       | -                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | X              |
| AL550                       | -                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | X              |
| MLA 2-25 H                  | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 3-25 H                  | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 3-25 H-C                | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 4-50 H                  | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 4-50 H-C                | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 5-50 H                  | -                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | X              |
| MLA 5-60 H-Z                | -                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | X              |
| R105                        | -                 | -                 | -              | -              | -                  | X                  | -              | X              | X              | -              |
| RT105                       | -                 | -                 | -              | -              | -                  | X                  | -              | X              | X              | -              |
| RT135                       | -                 | -                 | -              | -              | X                  | X                  | -              | X              | X              | -              |
| AL340 <span>OLD</span>      | -                 | -                 | -              | -              | X                  | -                  | -              | -              | -              | -              |
| AL440 <span>OLD</span>      | -                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | X              |
| MLA 1-25 H <span>OLD</span> | X                 | -                 | -              | -              | -                  | -                  | -              | -              | -              | -              |
| MLA 3-35 H <span>OLD</span> | -                 | -                 | -              | X              | X                  | -                  | -              | -              | -              | -              |
| MLA 4-50 H <span>OLD</span> | -                 | -                 | -              | -              | X                  | -                  | X              | -              | -              | X              |

| Capacities                 |     | FMG 1650                                                                          | FMG 1680 / 600 (a)                                                                | FMG 1680 / 600 (b)                                                                | FMG 1760 / 620 (a)                                                                | FMG 1760 / 620 (b)                                                                | FMG 1850 / 660 (a)                                                                 | FMG 1850 / 660 (b)                                                                  | FMG 1850 / 660 (c)                                                                  | FMG 1880 / 660                                                                      | FMG 1950                                                                            |
|----------------------------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Heaped capacity (l)        |     | 660                                                                               | 600                                                                               | 600                                                                               | 620                                                                               | 620                                                                               | 660                                                                                | 660                                                                                 | 660                                                                                 | 660                                                                                 | 780                                                                                 |
| Weight                     |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Overall weight (kg)        |     | 300                                                                               | 240                                                                               | 240                                                                               | 250                                                                               | 250                                                                               | 280                                                                                | 280                                                                                 | 280                                                                                 | 280                                                                                 | 345                                                                                 |
| Weight and dimensions      |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Overall height (mm)        | h17 | 851                                                                               | 796                                                                               | 796                                                                               | 796                                                                               | 796                                                                               | 796                                                                                | 796                                                                                 | 796                                                                                 | 796                                                                                 | 851                                                                                 |
| Width (mm)                 |     | 1650                                                                              | 1680                                                                              | 1680                                                                              | 1760                                                                              | 1760                                                                              | 1850                                                                               | 1850                                                                                | 1850                                                                                | 1880                                                                                | 1950                                                                                |
| Depth (mm)                 | p5  | 1032                                                                              | 1028                                                                              | 1028                                                                              | 1028                                                                              | 1028                                                                              | 1028                                                                               | 1028                                                                                | 1028                                                                                | 1028                                                                                | 1032                                                                                |
| Working Parameters         |     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Required machine equipment |     |  |  |  |  |  |  |  |  |  |  |
| Teeth / Fingers            |     | 6 / 8                                                                             | 4 / 9                                                                             | 4 / 9                                                                             | 4 / 9                                                                             | 4 / 9                                                                             | 4 / 10                                                                             | 4 / 10                                                                              | 4 / 10                                                                              | 4 / 10                                                                              | 8 / 10                                                                              |

| Machines compatibility | FMG 1650  | FMG 1680 / 600 (a) | FMG 1680 / 600 (b) | FMG 1760 / 620 (a) | FMG 1760 / 620 (b) | FMG 1850 / 660 (a) | FMG 1850 / 660 (b) | FMG 1850 / 660 (c) | FMG 1880 / 660 | FMG 1950  |
|------------------------|-----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|-----------|
| All-Tach® Narrow       | -         | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| All-Tach®              | N51502512 | N747025            | N51502056          | N51502481          | N51502057          | N757033            | N51502482          | N51502058          | N51502081      | N51502511 |
| 4 point Carriage       | N51502627 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | N51502628 |
| Euro Carriage          | N51502586 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | N51502587 |
| 1650R                  | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 1650RT                 | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 1950RT                 | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 1950RT                 | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 1950RT                 | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 1950RT                 | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 2100V                  | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 2100VT                 | -         | -                  | X                  | -                  | X                  | -                  | -                  | X                  | -              | -         |
| 2300V                  | -         | -                  | -                  | X                  | -                  | -                  | X                  | -                  | -              | -         |
| 2300VT                 | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| 2750V                  | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| 2750VT                 | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| 3300V NXT2             | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| AL650                  | X         | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | X         |
| AL750                  | X         | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | X         |
| MLA 6-65 H-Z           | X         | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | X         |
| R165                   | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| RT165                  | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| RT195 - NEW            | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| RT195 - NEW            | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| RT195 - NEW            | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| V210                   | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| V230                   | -         | -                  | -                  | X                  | -                  | -                  | X                  | -                  | -              | -         |
| V275                   | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| V330 GEN:2             | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| V330 GEN:2             | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| VT210                  | -         | -                  | X                  | -                  | X                  | -                  | -                  | X                  | -              | -         |
| VT230                  | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| VT275                  | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| 1850RT <b>OLD</b>      | -         | -                  | X                  | -                  | X                  | -                  | -                  | X                  | -              | -         |
| 1900R <b>OLD</b>       | -         | X                  | -                  | -                  | -                  | -                  | -                  | -                  | -              | -         |
| 2150RT <b>OLD</b>      | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| 2200R <b>OLD</b>       | -         | -                  | -                  | X                  | -                  | -                  | X                  | -                  | -              | -         |
| 2600R <b>OLD</b>       | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| 2700V NXT2 <b>OLD</b>  | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| 4200V <b>OLD</b>       | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | -              | -         |
| R220 <b>OLD</b>        | -         | -                  | -                  | X                  | -                  | -                  | X                  | -                  | -              | -         |
| R260 <b>OLD</b>        | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |
| RT185 <b>OLD</b>       | -         | -                  | X                  | -                  | X                  | -                  | -                  | X                  | -              | -         |
| RT215 <b>OLD</b>       | -         | -                  | -                  | -                  | -                  | -                  | -                  | X                  | -              | -         |
| V270 <b>OLD</b>        | -         | -                  | -                  | -                  | -                  | X                  | -                  | -                  | X              | -         |

| Capacities                 |     | FMG 2140 / 760 (a) | FMG 2140 / 760 (b) | FMG 2150 |
|----------------------------|-----|--------------------|--------------------|----------|
| Heaped capacity (l)        |     | 760                | 760                | 860      |
| Weight                     |     |                    |                    |          |
| Overall weight (kg)        |     | 310                | 310                | 365      |
| Weight and dimensions      |     |                    |                    |          |
| Overall height (mm)        | h17 | 796                | 796                | 851      |
| Width (mm)                 |     | 2140               | 2140               | 2150     |
| Depth (mm)                 | p5  | 1028               | 1028               | 1032     |
| Working Parameters         |     |                    |                    |          |
| Required machine equipment |     |                    |                    |          |
| Teeth / Fingers            |     | 4 / 11             | 4 / 11             | 8 / 11   |

| Machines compatibility    | FMG 2140 / 760 (a) | FMG 2140 / 760 (b) | FMG 2150  |
|---------------------------|--------------------|--------------------|-----------|
| All-Tach® Narrow          | -                  | -                  | -         |
| All-Tach®                 | N700261            | N51502059          | N51502510 |
| 4 point Camage            | -                  | -                  | N51502629 |
| Euro Camage               | -                  | -                  | N51502588 |
| 2750V                     | X                  | -                  | -         |
| 2750VT                    | -                  | X                  | -         |
| 3300V NXT2                | X                  | -                  | -         |
| AL750                     | -                  | -                  | X         |
| V275                      | X                  | -                  | -         |
| V330 GEN:2                | X                  | -                  | -         |
| V330 GEN:2                | X                  | -                  | -         |
| VT275                     | -                  | X                  | -         |
| 2150RT <small>OLD</small> | -                  | X                  | -         |
| 4200V <small>OLD</small>  | X                  | -                  | -         |
| RT215 <small>OLD</small>  | -                  | X                  | -         |

| TABLE SYMBOL |                            |  |                         |  |                                               |
|--------------|----------------------------|--|-------------------------|--|-----------------------------------------------|
|              | No predisposition required |  | Hydraulic line          |  | Return piping to hydraulic oil tank           |
|              | Electric predisposition    |  | Platform predisposition |  | Tyre handler, cylinder handler predisposition |



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