

# Massey Ferguson 23

Combine Harvester



MASSEY FERGUSON

**Simple design gives high capacity, great durability, plus ease of service and operation**

**112 cm wide cylinder, large straw walkers and shakershoe, big grain tank with 'turret'**

**unloader auger plus plenty of power ensures high field performance**

**95 DIN hp engine maintains high performance in all conditions**

**Excellent machine and table flotation enables operation in adverse field conditions**

**Comfortable high specification cab offers unhindered visibility**



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## MF 23 Combine Specification sheet

| TABLE  |  |
|--|--|
| Type (grain)   | Quick-Attach   |
| Cutting width  | 3.1 or 3.5 m   |
| Working width  | 3.3 or 3.6 m   |
| Cutting height   | -0.20 to 1.00 m  |
| Table flotation  | Accumulator  |
| Knife strokes/min  | 1020   |
| Knife type   | Serrated knife sections run through grass seed type steel fingers. Spare knife stored in table back. |
| REEL   |  |
| Type   | 6 metal bats with plastic tines  |
| Speed range  | 15-49 rev/min, electrically adjusted from seat   |
| Fore and Aft   | Electrically adjusted from seat  |
| STONE TRAP   |  |
| Large capacity, easily emptied from side of the machine.   |  |
| CYLINDER   |  |
| Type   | 7 rasp bars  |
| Width  | 1120 mm  |
| Diameter   | 509 mm   |
| Speed  | 600 - 1300 rev/min   |
| CONCAVE  |  |
| Number of bars   | 12   |
| Wrap   | 105 degrees  |
| Area   | 5100 cm <sup>2</sup>   |
| STRAW WALKERS  |  |
| Type   | Closed, turn walkers   |
| Number   | 4  |
| Separation Area  | 4.6 m <sup>2</sup>   |
| CLEANING SYSTEM  |  |
| Separation Area  | 3.4 m <sup>2</sup>   |
| Top Sieve  | Adjustable   |
| Bottom Sieve   | Fixed round hole (5, 12, 16 mm)  |
| Fan Speed  | 500 - 900 rev/min adjustable from seat   |
| RETURNS SYSTEM   |  |
| Type   | Separate Rethresher  |
| GRAIN TANK   |  |
| Type   | With grain tank cover  |
| Unloaded Auger   | Turret type, hydraulically operated  |
| Unloading height   | 330 cm   |
| Capacity   | 3300 litres  |
| ENGINE   |  |
| Make/type  | Valmet/420 DSL   |
| Power  | 95 hp DIN (70 kw) at 2200 rev/min  |
| Number of cylinders  | 4  |
| Rotary air intake  | Standard   |
| Fuel tank  | 200 litres   |
| TRANSMISSION   |  |
| Type   | Mechanical, 3 speed  |
| Speed range  | 1.8 - 25.6 kph   |
| WHEELS   |  |
| Front tyres  | 18.4R 34   |
| Rear tyres   | 12.4R 20   |
| CAB  |  |
| Noise level  | 83 DBA   |
| Cooling  | Air Conditioning   |
| INSTRUMENTS  |  |
| Gauges:<br>Speedometer, Hourmeter,<br>Cylinder speed,<br>Water temperature, Fuel gauge,<br>Fanning mill speed,<br>Table height indicator,<br>Pressure in table accumulators,<br>Concave clearance,<br>Warning lights:<br>Straw walker blockage,<br>Returns overload,<br>Good grain and returns auger blockage,<br>Grain auger blockage,<br>Grain tank full alarm |  |
| CLEANING FEATURES  |  |
| Cassette type grain pan and straw walker bottoms, grain tank bottom augers and unloader auger easily removable without tools   |  |
| WEIGHTS AND DIMENSIONS   |  |
| Overall length   | 863 cm   |
| - in work  |  |
| - in transport (without table)   | 705 cm   |
| Overall width  |  |
| - less table   | 285 cm   |
| - with 3.5m table  | 380 cm   |
| Wheel base   | 326 cm   |
| Track front  | 224 - 236 cm   |
| Track rear   | 212 - 224 cm   |
| Overall height   | 354 cm   |
| Overall weight (with 3.5 m table)  | 6000 kg  |
| VARIABLE EQUIPMENT   |  |
| Straw chopper<br>Table feed reverse<br>Table trailer<br>Loss monitor<br>Rear weight frame<br>23.1R 26 front tyres<br>Slow speed cylinder drive 400-1100 rev/min  |  |



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