MF INDUSTRIAL
& CONSTRUCTION
MACHINERY

# MF 2135
# BACKHOE LOADER

- Superb Visibility
- Excellent Maneuverability
- Fast Loader Cycle
- Low Cost High Production
- Wide Range of Options
- Operator Comfort

# MF 2135 BACKHOE LOADER ENGINEERING SPECIFICATIONS

**LOADER (MF 100 MODEL*)**

**Bucket:** Standard 42" width 12 cu. ft. material. Optional 60" width 17 cu. ft. utility, 66" width 15 cu. ft. landscape, 74"width ⅞ cu. yd. light material.

***Lift:** 2700 lbs. to full height.

**Hydraulic Controls:** two lever, w/power beyond for operation of hydraulic attachments.

**Hydraulic System:** Gear type pump 17 GPM @ 2000 RPM, 2125 PSI. Replaceable full flow cartridge type oil filter.

**Loader Arms:** Pressed steel box section with two single or double acting duplex chrome shaft lift and one double acting duplex chrome shaft, bucket activating cylinders. Full Box Frame attached to drive axle.

**OPERATOR COMPARTMENT**

**Seat:** Foam float, waterproof upholstered or pressed steel pan.

**Instrumentation:** Weather and tamper proof gauges. Tach/hour meter, fuel, ammeter, engine temperature and engine oil pressure.

**DRIVE TRAIN**

**Transmission:** Heavy duty, dual range w/six speeds forward (travel speeds 0 - 15 MPH) and two reverse (travel speeds 0 - 8 MPH) or heavy duty dual range w/six speed single lever control Manual Shuttle (travel speeds 0 - 20 MPH).

**Brakes:** Individual foot operated, internal expanding 14" brake shoes at outer end of axle housing, with parking brake latch lock.

**Clutch:** Choice of heavy duty, manually applied 9" single or 11" and 9" diameter two stage dual.

**Differential Lock:** Optional

**Steering Axle:** Heavy duty; box section. Non-adjustable.

**Steering:** Manual, power optional. 2¼ turns stop to stop steer ratio.

**ENGINE**

**Gas:** Low rpm, high torque 4 cylinder, 134 cubic inch, 39 engine hp (with all standard accessories) @ 2000 rpm, wet replaceable sleeve and piston type with dry type air cleaner, 12 volt electrical system.

**Diesel:** Low rpm, high torque 3 cylinder, 152.7 cubic inch, 42 engine hp (with all standard accessories) @ 2000 rpm.

**Throttle:** Spring loaded with overriding foot control.

**Power Take Off:** Optional

**Ferguson System and Three Point Hitch:** Optional

**Lights:** Optional

**Tires:** Drive: 14.9 x 24 - 6 ply rating R4
Steer: 7.50 - 16 - 6 ply rating F3

**BACKHOES**

**Model:** MF 212

**Boom & Dipper:** Welded box type utilizing high strength, light weight alloy steel and 4 in. diameter duplex chrome shaft Boom cylinder w/3½" diameter duplex chrome shaft Dipper cylinders.

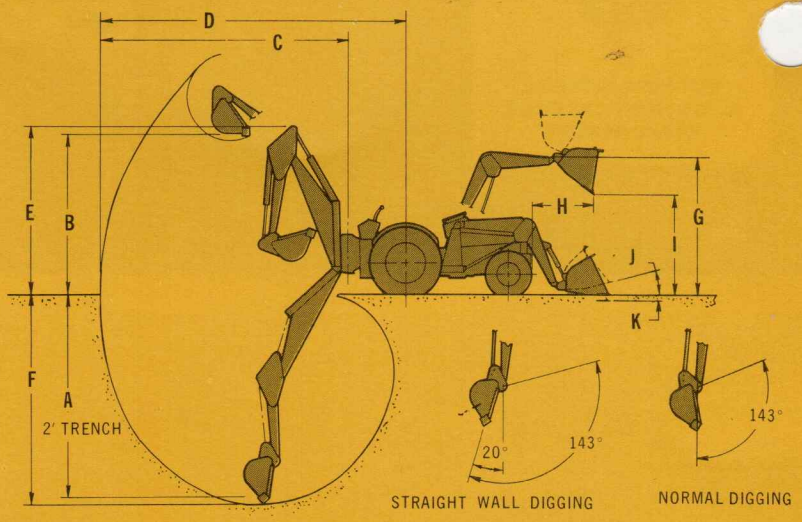
**Rotary Swing Cylinder:** Constant torque, constant velocity 180° working arc.

**Hydraulic Controls:** Six spool, stack type control valve with individual reliefs for selective and precise Backhoe operations.

**Stabilizers:** Wide stance 10 ft. spread high strength box section stabilizers. 15° leveling ability. Retractable in transport position to 7 ft. 2 ins.

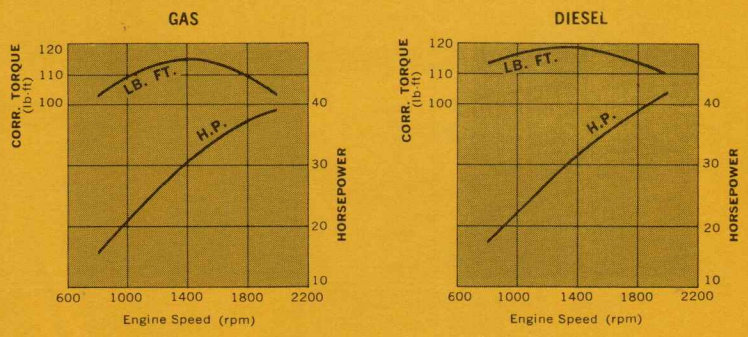
**Bucket Linkage:** Two mounting positions for normal and straight wall digging with wide variety of Bucket options.

**Shipping Weight** (Approximately):
Gas 6950 lbs. Diesel 7150 lbs.




| | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MF 212 | 12' | 9' | 14'9" | 18'5" | 10'1" | 12'2" | 117¾" | 26" | 95" | 7½° | 4" |

*** ENGINE PERFORMANCE**
**(Average Production Performance)**




*Engine with air cleaner, muffler, and water pump but less alternator, fan and steering pump.

Massey-Ferguson reserves the right to make changes in design or to add improvements to its products without incurring any obligation on goods purchased prior to such changes or improvements.

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