

MF

Massey Ferguson

MF 285/1085 TRACTORS



Farm
104
\$10-

81hp

Enough power for really heavy tillage and PTO work. Plus notable fuel economy on lighter loads. That's what you'll get with a new Massey-Ferguson 81 hp tractor. No other power size handles both big and small jobs quite so well.

With Massey-Ferguson you have a full choice of chassis in the 81 hp class. Choose an MF 1085 for top performance in a platform-style tractor. It's available with adjustable tread and Category II 3-point linkage for row crop work. Or as a fixed-tread Western, less linkage, for big drawbar jobs. The MF 1085 is a sleek-looking, easy-handling tractor that'll do many jobs only a really big tractor can handle.

If you need a low, short-turning straddle-mount tractor, get the same 81 hp performance in a new MF 285. The MF 285 Standard Clearance makes it about the handiest tractor going. It's available with Category II 3-point linkage, or without linkage. There's enough power and weight on tap for excellent drawbar performance.

A new MF 285 Low Profile is the answer to the orchard and grove man's dream of a low-height tractor with big power. It puts 81 hp to work on big tillage or PTO jobs. Both 540 and 1,000 rpm speeds are available.

With any MF 285 or MF 1085 you get a robust 318 cu. in. Perkins diesel engine. It pours on the power when you need it. Match that with MF big-capacity hydraulics, and famous Ferguson System 3-point linkage. Plus innovations such as front-mounted battery on the MF 285, or slide-out battery trays on the MF 1085. 8-speed standard transmission or 12-speed shift-on-the-go Multi-Power on all models. Modern, sturdy planetary final drives. Plus much more.

Look at the 81 hp MF lineup, and you'll have to agree. They're the top performers in their class.



Muscle and maneuverability



ility for all your jobs

MF 1085 Row Crop is ideal as an "only" big tractor on many farms, or an "extra" on large-scale operations. It has most features of bigger MF tractors.

MF 1085 cab

...a quiet, comfortable command post

Put this optional cab on a new MF 1085 Row Crop or Western, and say goodbye to dusty, noisy, windy tractor driving days.



MF engineers have met the challenge of noise in tractor cabs. Noise level inside is 85 db(A) or below.* You can hear just how much quieter it is.

Twelve big windows provide over 41 sq. ft. of glass area. Access is easy, through a wide door. Deluxe seat is standard. Rollover protection is built in. And the cab tilts for easy servicing.

* Neb. Test 1133.



Heavy PTO and drawbar jobs go fast with an MF 1085 Western. Rugged fixed-tread front axle and heavy-duty swinging drawbar are standard. Cab is optional.



MF 1085

Big power to depend on

When you want a powerful, comfortable, platform-type tractor that'll work right along with bigger jobs, but cost less to buy and operate, there's only one answer. It's a new MF 1085, powered by a rugged 318 cu. in. Perkins diesel.

Choose an MF 1085 Row Crop with adjustable tread and Category II 3-point linkage, or an MF 1085 Western. The Western has a massive, fixed-tread front axle, and heavy-duty swinging drawbar without linkage. No matter if you use mounted, semi-mounted, or pull-type equipment, one is "just right" for you.

The MF 1085 has all the comfort, convenience, and easier servicing features of larger MF tractors. You ride high on a rubber-mounted platform, with control-tower visibility. PAVT wheels with some tire sizes on the MF 1085 Row Crop make changing rear wheel tread spacing fast and easy—engine power does the work. It's easy to dual-wheel an MF 1085, too.

Big tractor features such as 45-gallon saddle-type fuel tanks that fill from the ground, and dual-speed 540/1,000 rpm independent PTO adapt the MF 1085 to do your jobs.

Compare features in the popular 80 hp class. You'll find the MF 1085 the No. 1 all-around choice. Ask your MF dealer about it soon.



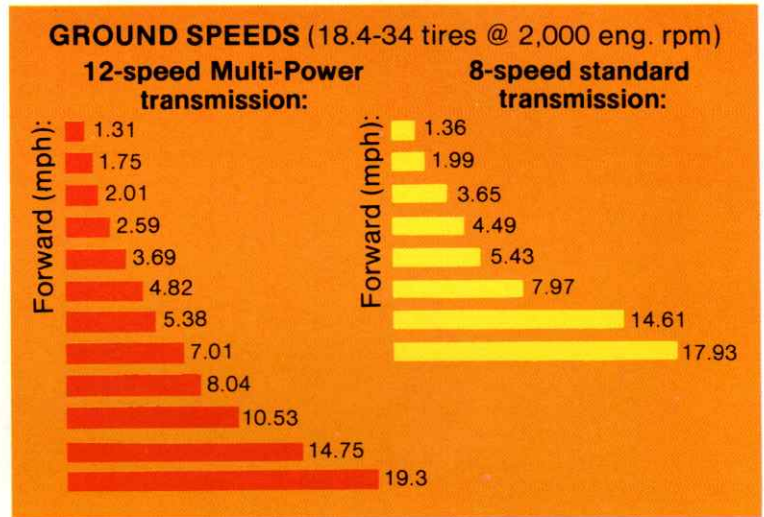
8-speed or 12-speed Multi-Power – take your choice

Wide choice of travel speeds, all the way from “creeper” low to speedy transport. Easy speed selection. Shift-on-the-go convenience if you need it. Get it all on any MF 1085 or MF 285.

Either 8-speed manual or 12-speed Multi-Power transmission is available on all models. Standard 8-speed gives good speed choice at lowest cost. It has a “low” of only 1.33 mph at rated 2,000 rpm engine speed (15.5-38 rear tires) for specialty work. Four speeds in the most-used working range of 3.5 to 8 mph and up to 17.5 mph travel speed.

Optional 12-speed Multi-Power lets you shift from high to low or back again at the touch of a lever. Shift down and power is boosted up to 26%—without clutching. PTO speed remains constant. Shift up again just as easily.

With either transmission, an MF 1085 or MF 285 has a big 12” single disc clutch. Independent 540 and 1,000 rpm PTO. And big 8¾” mechanical double disc brakes. Plus differential lock as standard equipment.

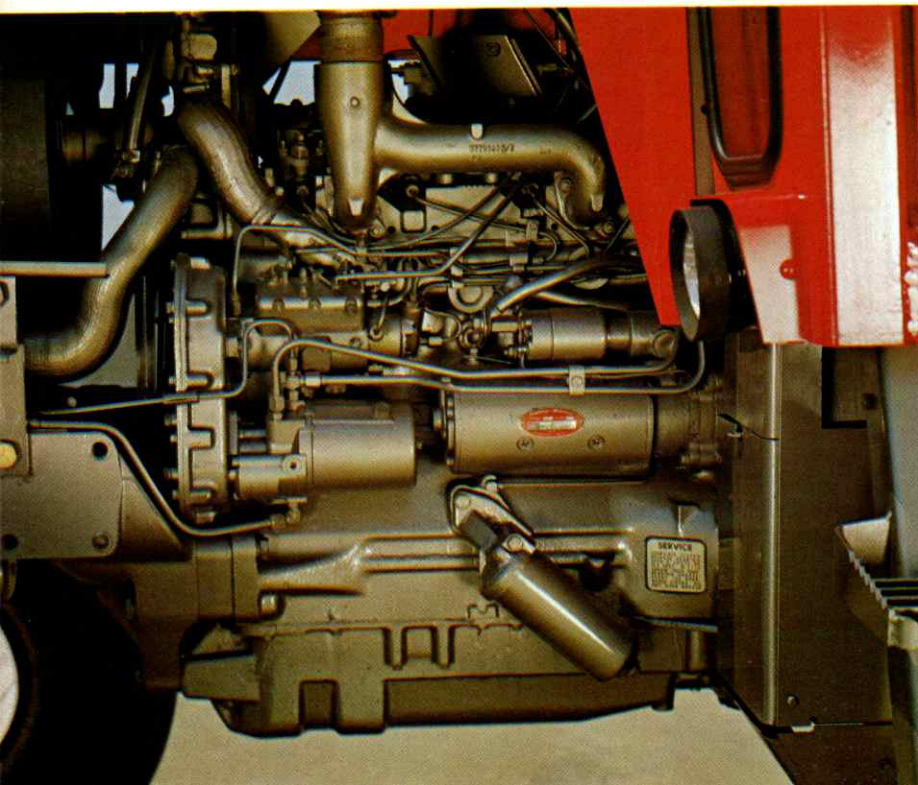


Work hours you can

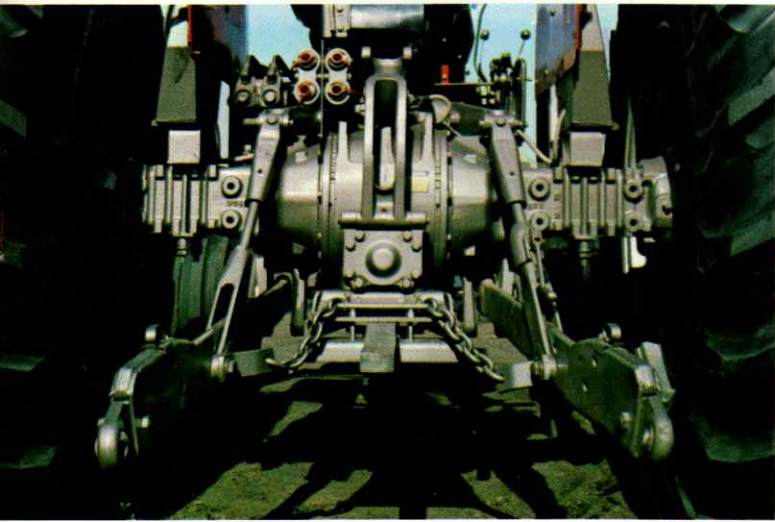
Economical power —and plenty of it

A rugged 318 cu. in. Perkins diesel puts the MF 1085 and MF 285 in the big leagues powerwise. Big, sturdy 4-cylinder design with 5 main bearings and easy-going 2,000 rpm governed speed mean long life. Replaceable cylinder sleeves and the Perkins worldwide reputation for reliability also mark it as a long-lived workhorse. Now consider economy. With fuel prices high and sometimes uncertain, it's time to start asking questions about fuel economy. Ask MF. We won't be embarrassed. Fact is, official tests* show MF 81 horsepower tractors operate on up to a gallon an hour less fuel than others in the same power class.

* See Neb. tests 1133, 1171.



Extra hydraulic capacity to match big power



Compare tractor hydraulics. Plenty of capacity is very important in a tractor as big as an MF 1085 or MF 285. Choose MF, and you'll have unmatched capacity and convenience.

MF Ferguson System hydraulics offer a total of 22 gallons per minute capacity for 3-point linkage, auxiliary outlets, and power steering. Three separate hydraulic circuits. A big 10 gpm pump gives auxiliary hydraulics real authority.

Another 7 gpm pump powers 3-point linkage. And a third 5 gpm pump handles power steering.

Big-tractor reliability features such as front-mounted hydraulic oil cooler and big-capacity replaceable filter mean longer life. Choose single or dual auxiliary valves and couplers.

World-renowned Ferguson System 3-point linkage is Category II, convertible to Category III. It offers Draft Control and Position Control for mounted implements. Pressure Control, too. Hydraulic controls are beside the seat, within easy reach.

Where 3-point linkage isn't needed, the MF 285 and MF 1085 Western offer the same big-capacity auxiliary hydraulics without linkage.

e features rely on



Hydrostatic power steering is standard on every MF 1085 and MF 285. With a separate hydraulic circuit for power steering, implement lift is never "starved" while turning.

Famous Ferguson System Category II 3-point linkage and dual-speed independent PTO lets the MF 285 Standard Clearance handle hundreds of jobs. Here's big power, plus handling ease!



Low hood height makes an MF 285 Low Profile a real ground hugger for orchard and grove work. But it's powered big to handle big equipment.



“Custom build” MF power to fit your needs

A full range of options and accessories make it easy to equip a new MF 1085 or MF 285 to do your jobs faster and easier. These tractors can be equipped to handle nearly any farming job. Anywhere.

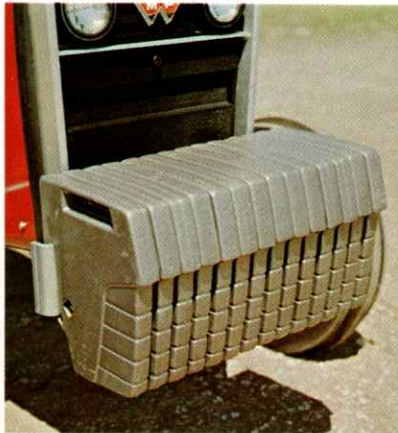
Take time to check this list of options. Then take a few more minutes to discuss options with your MF dealer. A properly-equipped tractor will do a better job when you own it. And it'll be worth more when you trade it in.



12-speed Multi-Power transmission offers shift-on-the-go convenience and wide choice of speeds. Available on any MF 1085 or MF 285.



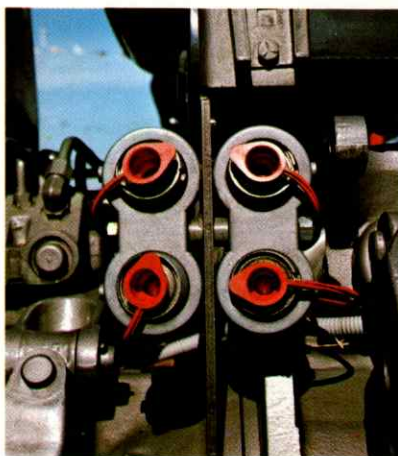
ROPS and canopy available for shade and protection against accidental roll-over.



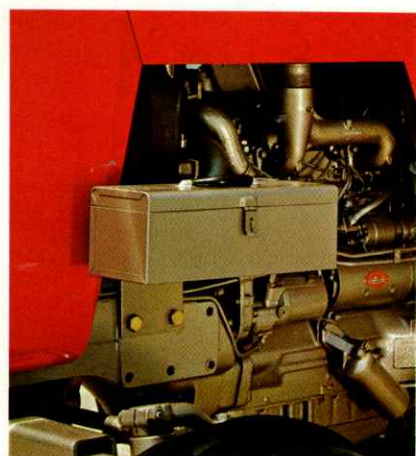
Front end and wheel weights tailor weight of the tractor to job being done. Front weight frame is standard on row crop and low profile tractors.



Power adjust variable tread (PAVT) wheels with some tire sizes on MF 1085 and MF 285 put engine power to work changing tread spacing. A wide variety of front and rear tire sizes are available.



Choose single or dual-spool auxiliary hydraulics for 1 or 2 remote cylinders on MF 1085 or MF 285.



Many small “extras” are available for MF 1085 and MF 285 tractors. Ask your MF dealer about them before you order!

MF 285/1085 Specifications

SPECIFICATIONS: MF 285

HORSEPOWER

Maximum 81 PTO horsepower at 2000 rpm

ENGINE

Type: Perkins A4.318 direct injection 4 cylinder diesel

Bore and stroke: 4.5" x 5.0" (114 x 127 mm)

Piston displacement: 318 cu. in. (5.21 l)

Rated speed: 2000 rpm

Compression ratio: 17.5:1

ENGINE ACCESSORIES

Air cleaner: 6½" x 15¾" (165 x 400 mm) dual dry element

Electrical: 12 volt, alternator with integral voltage regulator

Fuel filter: CAV single element, parallel flow

CONFIGURATIONS

Straddle Mount

Standard clearance with three-point linkage

Standard clearance less three-point linkage with wide swinging drawbar

Low profile with three-point linkage

CLUTCH

Size and type: 12" (304 mm) single dry disc with heavy duty organic linings

HYDRAULICS

Type: Separate high pressure circuits for linkage and remote outlets

Capacity: Linkage pump 7 gpm at 3000 psi (26.5 l/min at 210.9 kg/cm²)

Remote hydraulics 10 gpm at 2300 psi (37.9 l/min at 161.7 kg/cm²)

Implement control systems: Draft control, position control and pressure control

Linkage: Category II convertible to Category III

Remote hydraulics: Single or dual spool valves are factory installed options

CAPACITIES

Fuel tank: 23 U.S. gal., 19.2 Imp. gal. (87.1 l)

Radiator: 16.5 U.S. qt., 13.7 Imp. qt. (15.6 l)

Engine crankcase: 9 U.S. qt., 7.5 Imp. qt. (8.5 l); with filter: 10 U.S. qt., 8.3 Imp. qt. (9.5 l)

Hydraulic reservoir: 8.5 U.S. gal., 7.1 Imp. gal. (32.2 l)

FRONT TREAD RANGE

56"-80" (142-2030 mm)

REAR TREAD RANGE

With 16.9 x 38 R1 PAVT: 60"-96" (1524-2440 mm)

With 18.4 x 26 R1 man. adjust: 69"-94" (1750-2388 mm)

DIMENSIONS

	LOW PROFILE	STANDARD CLEARANCE
	(18.4-26 R1 & 7.5 l-15)	(16.9-38 R1 & 7.5-16)
Wheel base:	89"(226 mm)	89"(226 mm)
Overall length:	133"(338 mm)	138"(351 mm)
Overall width:	109"(277 mm) (man. adjust)	113"(287 mm) (PAVT)
Min. crop clearance @ front axle:	23.5"(60 mm)	24.5"(62 mm)
Min. crop clearance under drawbar:	15"(38 mm)	20"(51 mm)
Height to top of hood:	59.5"(1511 mm)	64.4"(1636 mm)
Shipping weight:	7,025 lbs. (3187 kg) - standard clearance with 16.9-34 and 9.5 l-15 tires	

SPECIFICATIONS: MF 285/1085

TRANSMISSION

Manual: 8 forward speeds and 2 reverse speeds

Multi-Power: 12 forward speeds and 4 reverse speeds

BRAKES

Type: 8¾" (222 mm) oil immersed disc

Actuation: Mechanical

STEERING

Type: Hydrostatic power steering with 5 gpm pump

Tilt and telescoping steering column standard on MF 1085

POWER TAKE OFF

Type: Fully independent PTO with hydraulic clutch control

Speeds: 540 rpm at 1730 engine rpm; 1000 rpm at 2000 engine rpm

SPECIFICATIONS: MF1085

HORSEPOWER

Maximum 81 PTO horsepower at 2000 rpm

ENGINE

Type: Perkins A4.318 direct injection 4 cylinder diesel

Bore and stroke: 4.5" x 5" (114 x 127 mm)

Piston displacement: 318 cu. in. (5.21 l)

Rated speed: 2000 rpm

Compression ratio: 17.5:1

ENGINE ACCESSORIES

Air cleaner: 6½" x 15¾" (165 x 400 mm) dual dry element

Electrical: 12 volt, alternator with integral voltage regulator

Fuel filter: CAV, dual element parallel flow filters

CONFIGURATIONS

Platform with or without cab

Row crop with three-point linkage and adjustable front axle

Western less three-point linkage and heavy duty fined front axle

CLUTCH

Size and type: 12" (304 mm) single dry disc with heavy duty organic linings

HYDRAULICS

Type: Separate high pressure circuits for linkage and remote outlets

Capacity: Linkage pump 7 gpm at 3000 psi (26.5 l/min @ 210.9 kg/cm²); Remote hydraulics 10 gpm at 2300 psi (37.9 l/min @ 161.7 kg/cm²)

Implement control systems: Draft control position control; pressure control

Linkage: Category II convertible to Category III; Category II rapid coupler optional

Remote hydraulics: Single or dual spool valves are factory installed options

CAPACITIES

Fuel tank: 45 U.S. gal. (170 l) dual; low mounted saddle tanks

Radiator: 16.5 U.S. qt., 13.7 Imp. qt. (15.6 l)

Engine crankcase: 9 U.S. qt., 7.5 Imp. qt. (8.5 l); with filter: 10 U.S. qt., 8.3 Imp. qt. (9.5 l)

Hydraulic reservoir: 8.5 U.S. gal., 7.1 Imp. gal. (32.2 l)

FRONT TREAD RANGE (10.00-16 tires)

Adjustable axle: 56"-80" (1420-2030 mm)

Fixed front axle: 58" (1470 mm)

REAR TREAD RANGE

With 18.4-34 R1 PAVT: 60"-100" (1524-2540 mm)

With 18.4-34 R1 man. adjust: 69"-94" (1750-2388 mm)

DIMENSIONS (with 18.4-34 rear and 10.00-16 front tires)

Wheelbase: 97.6" (2480 mm)

Overall length: 154" (3910 mm)

Overall width: Man. adjust wheels (16.9 tires): 94" (1780 mm); PAVT (18.4 tires): 114" (2900 mm)

Min. crop clear. at front axle: 24.4" (620 mm)

Min. crop clear. at drawbar: 16.8" (427 mm)

Ht. to top of grille: 69.7" (1770 mm)

Ht. to top of steering wheel: 79.1" (2010 mm)

Ht. ground to top of cab: 110" (2790 mm)

Max. ht. cab floor to roof (inside): 61" (1550 mm)

Max. cab width (inside): 59" (1500 mm)

Cab window area: 41 sq. ft. (3.81 m²)

Shipping weight (with cab): 10,100 lbs. (4581 kg)

Shipping weight (without cab): 8,400 lbs. (3810 kg)

GROUND SPEEDS (18.4-34 tires @ 2000 engine rpm)

12-speed Multi-Power transmission:

Forward (mph): 1.31, 1.75, 2.01, 2.59, 3.69, 4.82, 5.38, 7.01, 8.04, 10.53, 14.75, 19.3
(km/h): 2.11, 2.82, 3.24, 4.17, 5.94, 7.76, 8.66, 11.29, 12.94, 16.95, 23.75, 31.07

Reverse (mph): 1.77, 2.30, 7.08, 9.22

(km/h): 2.85, 3.70, 11.40, 14.84

8-speed standard transmission:

Forward (mph): 1.36, 1.99, 3.65, 4.49, 5.43, 7.97, 14.61, 17.93

(km/h): 2.19, 3.20, 5.88, 7.23, 8.74, 12.83, 23.52, 28.87

Reverse (mph): 1.75, 7.05

(km/h): 2.82, 11.35

A big "extra" for you

MF financing, parts, and service

The new MF tractor and equipment you buy today has many brand-new features. But it also has a valuable "extra". That's the MF reputation for full service when you buy, and for as long as you own.

MF is known as the machinery company that offers the industry's most flexible financing. We'll help you farm the Massey-Ferguson way. And MF owners everywhere

know they can count on after-the-sale service. Reliable dealers, backed up with fast, electronically-controlled parts ordering and shipping, see to that.

Add it all up. You'll find MF makes it easier to buy. And MF follows delivery of the best equipment with the best after-sale service. You can't beat that combination. So see your MF dealer. Now.



MF Massey Ferguson