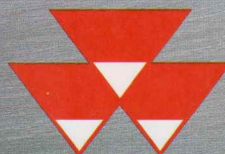


# MF<sup>®</sup> 1235-4WD tractor



- 30.3 gross engine hp\*  
29.1 net engine hp\*  
24.3 PTO hp\*
- 4-wheel drive with ag, turf or R4 industrial tires to meet your needs.
- 3-range hydrostatic transmission with infinite speed settings (cruise control) within each range.
- Wet disc brakes for excellent braking power and longer life.
- Standard mid-PTO allows mounting operation of mid and front attachments.
- Fold-down roll-over protection structure (ROPS) eases clearance problems.
- Operator's platform is open and nearly flat with all controls conveniently placed providing a wide, spacious deck for optimum operator comfort.

\*Manufacturer's estimate



MASSEY FERGUSON<sup>®</sup>

# MF<sup>®</sup> 1235-4WD tractor



PERFORMANCE	
Engine hp: gross (est.) @ erpm	30.3 @ 2,500
Engine hp: net (est.) @ erpm	29.1 @ 2,500
PTO hp: hydro. trans. (est.) @ erpm	24.3 @ 2,500
Max. torque: ft lbs (Nm) @ erpm	71.6 (97.1) @ 1,800

ENGINE	
Model	E3CD-B12
Type	Diesel
Cylinders	3
Aspiration	Natural
Compression ratio	21.8:1
Injection	Indirect
Bore: in (mm)	3.4 (87)
Stroke: in (mm)	3.3 (84)
Displacement: in <sup>3</sup> (L)	91.4 (1.5)
Air cleaner	Single, dry
Air intake	Under hood, centrifugal
Cooling: F (C)	Antifreeze to -30°/-34°
Starting aid	Glow plug
Exhaust	Horizontal
Throttle	Hand

ELECTRICAL	
Battery CCA rating	582
Alternator: volts (amps)	12 (40)
Lights	2 headlights, 2 taillights, 2 warning

CLUTCH	
Type	Single, dry
Diameter: in (mm)	8.9 (225)

TRANSMISSION*	
Hydrostatic	3 range
<b>Forward speeds</b>	
Low: mph (kph)	0-3.3 (0-5.3)
Medium: mph (kph)	0-6.6 (0-10.6)
High: mph (kph)	0-13.2 (0-21.2)
<b>Reverse speeds</b>	
Low: mph (kph)	0-2.3 (0-3.7)
Medium: mph (kph)	0-4.6 (0-7.4)
High: mph (kph)	0-9.3 (0-15.0)

POWER TAKE-OFF (PTO)	
<b>Rear type</b>	Live
Speed: (PTO @ erpm)	540 @ 2,327
Shaft diameter: in (mm)	1.38 (35)
Splines	6
Shield	Flip up
<b>Mid. type</b>	Live
Speed: (PTO @ erpm)	2,000 @ 2,500
Shaft diameter: in (mm)	1 (25.4)
Splines	15
Rotation (facing shaft)	Clockwise

3-POINT HITCH	
Functions	Position, response
Type	Cat. 1
Max. flow: gpm (lpm)	6.0 (22.8)
Max. pressure: psi (bar)	2,130 (147)
Lift capacity @ ball ends: lb (kg)	1,984 (900)
Lift capacity 24 in behind ends: lb (kg)	1,201 (545)

HYDRAULICS	
Pump type	Open center
Total system flow: gpm (lpm)	8.5 (32.4)
Main flow: gpm (lpm)	6.0 (22.8)
Steering flow: gpm (lpm)	2.5 (9.6)
Max. pressure: psi (bar)	2,130 (147)

STEERING	
Type	Power assist
Pump flow: gpm (lpm)	2.5 (9.6)

BRAKES	
Actuation	Mechanical
Type & plates	Wet disc - 3
Braking area: in <sup>2</sup> (cm <sup>2</sup> )	76 (490)
Parking brake	Lever

4WD FRONT AXLE	
Engagement	Mechanical
Drive	True centerline with axle pivoting
Turn angle (deg)	50
Oscillation (deg)	7
Tread: ag in (mm)	37.8 (960)
Tread: turf in (mm)	42 (1,067)

REAR AXLE	
Final reduction	Outboard
Tread: ag in (mm)	43.1 (1,096)
Tread: turf in (mm)	37.2-38.0 (946-966)

TIRES	
<b>Front tires:</b>	
ag	6.00x14
turf	24x8.50-12
industrial	25x8.50-14
<b>Rear tires:</b>	
ag	12.4x16
turf	315x80D-16
industrial	12.5x80-18

WEIGHTS & DIMENSIONS*	
Total weight: ag lb (kg)	1,962 (890)
Total weight: turf lb (kg)	1,896 (860)
Wheelbase: in (mm)	64.6 (1,640)
Overall length: ag in (mm)	116.5 (2,960)
Overall length: turf in (mm)	116.5 (2,960)
Min. width: ag in (mm)	55.6 (1,411)

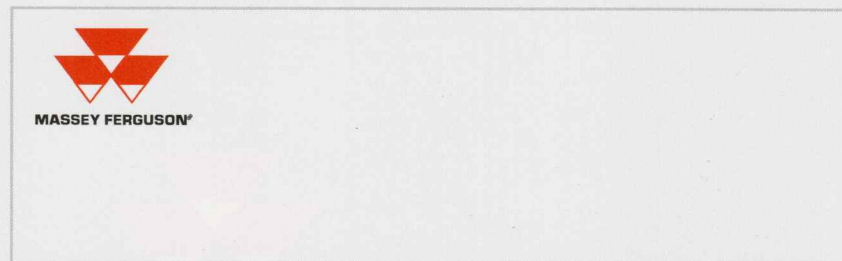
Min. width: turf, rear out in (mm)	49.6 (1,262)
Ground clearance: ag in (mm)	12.0/305
Ground clearance: turf in (mm)	11.2 (285)
Height over ROPS: up in (mm)	79.1 (2,010)
Height over ROPS: folded in (mm)	62.6 (1,590)
Turning radius with brakes: in (mm)	90 (2,300)
Turning radius without brakes: in (mm)	110 (2,800)

CAPACITIES*	
Fuel tank: gal (L)	6.0 (23)
Crankcase: qt (L)	5.0 (4.7)
Cooling system: qt (L)	7.5 (7.1)
Hydraulic system: gal (L)	3.2 (12)
4WD front axle: qt (L)	4.8 (4.5)
Power steering: qt (L)	1.2 (1.1)

OTHER STANDARD FEATURES	
Asbestos free	Yes
Decals	Latest pictorial ANSI std.
Differential lock	Rear wheels
Fuel cap	Vented
Fuel shutoff	Electric
Gauges	Tach/hourmeter, fuel, and temperature
Hood	Side shields
Horn	Yes
Mounting points	Loader, mid-mount mower, front weights
Nose	Steel
Platform	Wide open
ROPS	2-post folding SAE, ASAE, OSHA
Safety start	Trans. & PTO disengage before unit will start
Seat	Adjustable with seat belt
SMV	Provided
Starter	Internal barrier to prevent jump starts

OPTIONAL EQUIPMENT	
Air cleaner	Dual element
Draft control	Yes
Engine heater	Yes
Rear work light	Yes
Spool valves	Up to 2-single/double acting
Tires: turf	Front: 27x8.5-15, Rear: 13.6x16

\* With standard hydrostatic transmission; ag tires; full fuel, coolant, and oil; 4WD engaged; unless designated otherwise



AGCO Corporation has a corporate policy of continuous product improvement and development; therefore, specifications are subject to change without any advance notice. AGCO Corporation is not responsible for differences between the specifications or illustrations contained in this publication and the actual equipment.