

5400 Series 60 – 105 PTO hp Tractors



MASSEY FERGUSON

The Massey Ferguson logo, consisting of three interlocking triangles (two red, one white) on a black background, is positioned on the left side of the advertisement. The background of the entire advertisement is a vibrant red, with a blurred image of a tractor's interior seat and a rural landscape visible on the right side.

For more than a century, the most important thing we've built is **TRUST**

Behind every Massey Ferguson® emblem is an unbeatable combination of industry-leading technology, proven reliability and equipment solutions that make you more productive and more profitable. It also represents one of the most complete lines of agricultural equipment in the industry.

Massey Ferguson has been designing, engineering, and building equipment you can rely on and trust— generation after generation. Our commitment to your satisfaction remains our top priority with flexible financing, quality parts, and a Massey Ferguson dealer who is beside you every step of the way. It all adds up to a legacy of leadership that has kept more Massey Ferguson tractors on the job worldwide than any other brand.

No matter what job you're taking on—around the farm, on the job site or right in your own back yard, there's a Massey Ferguson machine and a dedicated dealer to help you do it better and faster, all day...every day.



MASSEY FERGUSON

5465
Dyna-4

VERSATILE PERFORMANCE

Practical Innovation



Massey Ferguson 5400 Series tractors are designed with versatility in mind. With six models to choose, these rugged, reliable and efficient tractors offer the flexibility to meet your specific requirements or type of operation. And with over a century and a half of engineering expertise, you can depend on Massey Ferguson tractors to deliver the kind of rugged reliability you need to get the job done right, season after season.

- Six models from 60 to 105 PTO horsepower
- Cab or platform design
- 2- or 4-wheel drive

Multiple Features, One Hardworking Tractor

High-performance power. Powerful Perkins and SisuDiesel™ engines deliver high torque and reliable power over a wide speed range. These engines are also Tier II compliant for maximum fuel economy and minimum emissions.

Cab or platform comfort. Every detail is designed to give comfort, convenience, and control—with an adjustable seat, ergonomically-placed controls, quiet environment and high-efficiency heating and air-conditioning system.

Responsive Speedshift™ control. Your workday runs smooth when you have 16 forward and 16 reverse speed mechanical shuttle two-speed powershift transmission and creeper speeds.

Impressive Dyna-4™ technology. This exciting 16 speed semi-powershift transmission has 4 ranges and 4 powershift speeds per range. Add the capability of both powershifts and range changes being made without the need to use the clutch pedal, and discover why *Dyna-4* is exceptionally easy to use.

Hydraulics and fast hook-ups. A dual pump, open center system supplies all the power you need for steering or implements to keep you on the move and running strong.

3-point versatility. A category II 3-point hitch with Electronic Lift Control and over 7,000 lbs. of lift capacity will measure up to your highest expectations.

- ❶ 61 sq. ft. (5.7 m²) of cab glass
Improved visibility
- ❷ External 3-point switches
Added convenience, saves time
- ❸ Inboard planetary final drives
Greater strength at axles, more lift capacity
- ❹ Front axle provides 55 degree steering angle and 11 degrees of oscillation
Improved maneuverability
- ❺ Centerline drive design
Increased ground clearance and reduced service
- ❻ Removable side panels
Easier access for inspection and service
- ❼ Perkins and SisuDiesel engines feature high torque, maximum fuel economy and minimum emissions



Options

- Optional rear windshield wiper
Increased visibility
- Optional pivoting front fenders
Keeps tractor exterior cleaner
- Optional Hi Vis sheet metal (models 5435, 5445, 5455)
Improved visibility
- Optional Visio Roof™
Improved visibility

MODEL 5435

4-cylinder/60 PTO hp
(2WD/4WD)

MODEL 5445

4-cylinder/70 PTO hp
(2WD/4WD)

MODEL 5455

4-cylinder/80 PTO hp
(2WD/4WD)

MODEL 5460

4-cylinder/90 PTO hp
(2WD/4WD)

MODEL 5465

6-cylinder/95 PTO hp
(2WD/4WD)

MODEL 5470

4-cylinder/105 PTO hp
(2WD/4WD)

PLENTY OF POWER

When you need it most



Perkins 1104

Hardworking, environmentally-friendly engines include sophisticated features designed to boost performance and meet the latest EPA specifications for Tier II compliance.

All 4-cylinder models feature a cross-flow cylinder head, which improves combustion for less fuel consumption and minimal emissions. Precise fuel injection cuts fuel use even further, resulting in maximum economy at any speed. In addition, the air intake is placed forward for better access to cooler air, another major factor in meeting Tier II emission standards.

The models 5435 through 5460 feature a Perkins 1104 Series 4-cylinder diesel engine for high torque, fuel economy across a wide range of operating speeds, and reliable performance.

The model 5465 boasts a Perkins 1106 Series 6-cylinder turbocharged and intercooled engine, with electronic fuel injection for a high power-to-weight ratio and great flexibility.

Step up to the model 5470 and experience the uncompromising quality and sleek performance of a SisuDiesel™ 4-cylinder turbocharged design that's equally at home in light duty cultivation work or tillage.

On all models, maximum power is achieved at only 2,200 rpm to help further improve fuel efficiency and reduce noise levels. The long stroke engines ensure exceptional torque backup, all the way down to 1,000 rpm and provide a wide constant power range that assures you of the availability of full PTO horsepower through a wide rpm range.



SisuDiesel 44DT

TRACTOR MODEL	PTO HORSEPOWER* (kW)	ENGINE MODEL	DISPLACEMENT (CID/LITERS)	ENGINE CONFIGURATION
5435	60 (45)	Perkins 1104	268/4.4	4-Cyl./Natural
5445	70 (52)	Perkins 1104	268/4.4	4-Cyl./Turbo
5455	80 (60)	Perkins 1104	268/4.4	4-Cyl./Turbo
5460	90 (67)	Perkins 1104	268/4.4	4-Cyl./Turbo & Air-to-Air
5465	95 (71)	Perkins 1106	365/6.0	6-Cyl./Turbo & Air-to-Air
5470	105 (78)	SisuDiesel 44DT	269/4.4	4-Cyl./Turbo & Air-to-Air

*Manufacturer's rated.



All day **COMFORT** and **CONVENIENCE**



Choose a cab or platform 5400 Series tractor and you can expect state-of-the-art comfort and convenience. Every detail has been designed to keep you comfortable and make operation as simple as possible. Controls are easy to reach and logically grouped, with all major tractor and implement controls sensibly located in a right-hand console. Instruments, gauges and warning lights give you clear and immediate information on tractor performance and operating conditions.

The 5400 Series features a best-in-class design, with 61 square feet (5.7 m²) of glass, plus an available Visio Roof™ and Hi-Vis sheet metal hood design option for exceptional all-around visibility. Superb forward visibility is provided by the large front windscreen, wide doors, well-placed “B” pillars and rounded three-quarter rear windows.



Wide doors and open-grate steps make entry and exit easy. Once inside, a generous seat, logically-placed controls and a quiet cab let you work in comfort.

- The cab roof gives you plenty of headroom plus an overhead console with easy access to the heating/air conditioning/defrost and optional radio controls. Their compact design, along with placement of the inside rearview mirror on the overhead console, maximizes your forward visibility.
- A work lighting control panel on the left side of the dash includes rocker switches that put you in charge of road lights, field working lights and flashing warning lights.
- Take your choice of adjustable seating for a smooth, comfortable ride. A spring suspension seat is standard, and an extra wide, air-ride swivel seat is also available as an option. An instructor seat with seat belt can be added, too.
- PTO speed controls, 12-volt accessory plug-ins and pre-drilled monitor mounting locations are all within easy reach to the rear of the right-hand console.
- Analog gauges keep you clearly informed of engine rpm, coolant temperature and fuel level. Digital readouts give you precise indication of PTO speed and theoretical forward ground speed. Indicator lights are strategically placed across the bottom of the instrument panel.
- The ignition switch, steering column tilt, steering column telescope and windshield wiper controls are efficiently grouped on the dash panel and either side of the steering column.



*Greater Visibility – Excellent forward visibility is achieved by concealing all hydraulic lines within the main beam of the 900 Series Loader. This helps concentration by providing an uncluttered field of view, while protecting all hydraulics from damage and wear.**

* Loader shown in raised position for illustration purposes.
Always carry loader low for maximum stability.

Take control with a **SPEEDSHIFT™** transmission



FIG 1

The close ratio, synchromesh transmission you'll find in a 5400 Series tractor has 16 forward and 16 reverse speeds with a Speedshift – all on a single right-hand control. When you need to power through tough conditions, just touch the gear-lever-mounted button, and the Speedshift will automatically give you a powershift under load. Range changing can be done while the tractor is in motion.

Forward/Reverse Shuttle

The 5400 Series tractor makes shuttle operations (direction changes) easy, with a lever that is located to the left of the steering column. The mechanical shuttle is located on the side of the front dash. Move from forward to reverse while your right hand is free to handle hydraulics and other controls. A synchronized mechanical shuttle is standard.

Creeper and Supercreeper Control

When you want full control and full power in situations that call for the lowest possible speed, 5400 Series tractors give you the option of available creeper and supercreeper speeds. You'll have additional speeds at your fingertips, including forward speeds down to .4 mph (0.6 km/h) using creeper and as low as .12 mph (0.2 km/h) with supercreeper.



FIG 2

FIG 1: Buttons for 2-speed powershift and hi-lo range changes are conveniently located on the gearbox lever.

FIG 2: The standard synchronized manual shuttle control is located at the left of the steering column, which leaves your right hand free for hydraulic operations.



New! *Dyna-4*™ TRANSMISSION

delivers unbeatable flexibility



The left-hand lever offers convenient forward/reverse shuttle, powershift changes and fingertip de-clutching.



Dyna-4 offers the choice of right-hand gear selection plus variable, operator-controlled forward/reverse shuttling for added convenience.



A convenient rotary dial offers aggressive and non-aggressive settings for smooth modulation and maximum productivity to suit your needs.

The new *Dyna-4* is a 16 speed semi-powershift transmission featuring a smooth, 4-speed Powershift change in each of the four ranges. Now, you have Powershift flexibility over a wide speed range, for maximum field performance. This transmission is exceptionally easy to use with both gear and range changing without using the clutch pedal.

Left-hand Control

The familiar Massey Ferguson, three-function shuttle lever is mounted on the left-hand side of the steering column, allowing you to increase and decrease speeds through the four Powershift speeds, fingertip de-clutching and forward/reverse shuttling, while freeing you up to operate implements at the right.

Right-hand Control

Simply move the T-shaped gear lever forward or backward to change up or down through the four Powershift speeds. To change ranges, simply press and hold the range button on the side of the control lever, then pulse the control lever forward or backward. Range selection is shown on the front of the right-hand console. When changing ranges, speed matching will automatically select the corresponding *Dyna-4* ratio to match your forward speed.

Comfort Control

A convenient rotary dial allows you to adjust the rate of engagement of forward or reverse shuttle selection. For heavy loader work, more aggressive settings offer maximum productivity, while less aggressive settings provide smooth, direction changes when shuttling.

Do more with a 3-point hitch that's **ALL BUSINESS**



FIG 1

Massey Ferguson 5400 Series tractors are ready to take on planters, cultivators, mowers and just about anything else that comes their way.

The Electronic Lift Control (ELC) gives you a choice of draft sensing mode for quick response to changing field conditions, or position control mode for maintaining a steady height or depth.

Whether you're cultivating, mowing or grading, ELC is easy to use and adjust for quick customization, with rotary draft controls to the rear of the right console and a position control mouse at your fingertips.

When it's time for transport over rough ground or less-than-ideal roads, simply use the transport lock to secure an implement in the "up" position, letting the hydraulic rams absorb shocks.

540/1,000 & Economy PTO

For maximum versatility and efficiency, 5400 Series tractors include independent PTO with 540 and 1,000 rpm standard. The Economy PTO option allows a 23% reduction in engine speed (from 2,000 to 1,550 rpm) for equipment that doesn't demand maximum horsepower. That means less fuel consumption, noise and vibration. A digital PTO speed display in the dashboard aids precise PTO speed control.



FIG 2

FIG 1: *The ELC system is responsive, accurate and easy to operate. Simply dial in a customized depth setting and hit the toggle switch to raise or lower the 3-point hitch.*

FIG 2: *Telescopic lower link ends on all 5400 Series tractors makes hooking up large implements faster and easier.*

Hydraulics and Serviceability

KEEP YOU ON THE MOVE

Massey Ferguson 5400 Series tractors include a dual pump, open center hydraulic system capable of supplying 15 gpm (57 l/min) to the remotes. Dual pumps send high-pressure oil (2,900 psi/200 bar) for the steering, remotes, and 3-point hitch, while additional flow goes to the PTO clutch, PFA, differential lock and transmission.

Two hydraulic remotes are standard, plus you have the option of adding additional remote valves for a total of four.

Need more hydraulic flow? Upgrade to the Combined Flow System or the Closed Center Load Sensing System. The Combined Flow System has a rocker switch that locks the 3-point hitch in place and delivers 26 gpm (98 l/min) to the remotes. The Closed Center System uses a piston pump to control the 29 gpm (110 l/min) of flow to the remotes.

The 5400 Series tractors are also designed to make routine servicing quick and easy – and that makes you more productive, everyday:

- Removable side panels provide complete access to all engine components including engine air filter, belts, alternator, air conditioning compressor, radiator fill and windshield washer fluid fill
- The weatherproof toolbox is molded into the fuel tank and offers convenient storage for tools and field supplies
- The ground-level fuel tank includes an oversized fuel inlet for easy access, proper venting, and reduced splash back.

FIG 3: Monitor lights on the dash console will let you know when the hydraulic system needs service. When maintenance is necessary, a spin-on hydraulic oil filter makes it easy.

FIG 4: Hooking up equipment is easier and faster, thanks to a valve cage that allows good access, and valve couplings spaced far enough apart to give you ample leverage – even when you're wearing gloves.

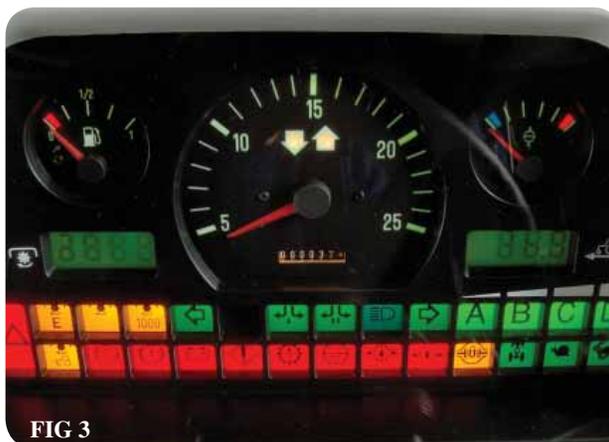


FIG 3

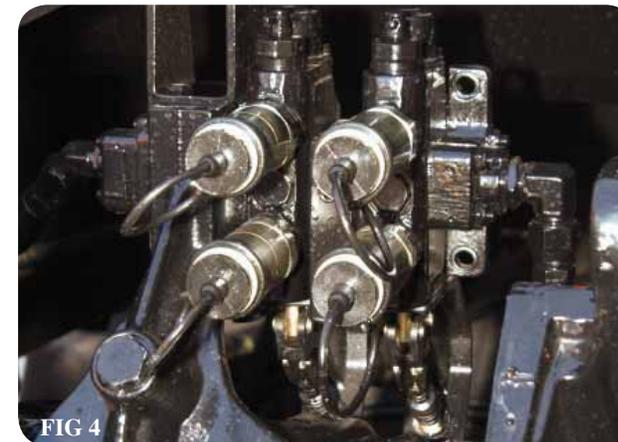


FIG 4

Drive your own Massey Ferguson

5400 SERIES TRACTOR

Choose the right tractor and you'll get much more than just another piece of equipment. It can be like a trusted worker, savvy business partner and technical whiz all rolled into one valuable asset that's helping you grow your business.

MODEL	5435	5445	5455	5460	5465	5470
*Engine HP @ 2,200 erpm (kW)	75 (56)	85 (53)	95 (70)	105 (78)	110 (82)	125 (93)
PTO HP @ 2,200 erpm (kW)	60 (45)	70 (52)	80 (60)	90 (67)	95 (71)	105 (78)
Engine Manufacturer	Perkins	Perkins	Perkins	Perkins	Perkins	SisuDiesel
Engine Model	1104	1104	1104	1104	1106	44DT
Aspiration/Charge Cooling	Natural	Wastegate Turbo	Wastegate Turbo	Wastegate/Air to Air	Turbo/Air to Air	Turbo/ Air to Air
Cylinders	4/Direct/Diesel	4/Direct/Diesel	4/Direct/Diesel	4/Direct/Diesel	6	4
Bore: in. (mm)	4.13 (105)	4.13 (105)	4.13 (105)	4.13 (105)	3.94 (100)	4.25 (108)
Stroke: in. (mm)	5 (127)	5 (127)	5 (127)	5 (127)	5 (127)	4.72 (120)
Total Displacement: CID (L)	268 (4.4)	268 (4.4)	268 (4.4)	268 (4.4)	365 (6.0)	269 (4.4)
Air Cleaner	Dry Type	Dry Type				
Side-Mounted Exhaust	Yes	Yes	Yes	Yes	Yes	Yes
TRANSMISSION						
16 x 16 Speedshift, 2 Speed Power Shift, Mechanical	Standard	Standard	Standard	Standard	Standard	N/A
16 x 16 Dyna-4, 4 Ranges, Power Shuttle	Optional	Optional	Optional	Optional	Optional	Standard
Forward Speed: min. mph (kph)	1.7 (2.7)	1.7 (2.7)	1.7 (2.7)	1.7 (2.7)	1.7 (2.7)	1.7 (2.7)
Forward Speed: max. mph (kph)	24 (38.7)	24 (38.7)	24 (38.7)	24 (38.7)	24 (38.7)	24 (38.7)
Creeper	Optional	Optional	Optional	Optional	Optional	Optional
Super Creeper	Optional	Optional	Optional	Optional	Optional	Optional
CAPACITIES						
Fuel: Gal (L)	40 (151)	40 (151)	40 (151)	40 (151)	40 (151)	40 (151)
Optional Tank: Gal (L)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)	13.2 (50)
3-POINT HITCH						
ASAE Category	II	II	II	II	II	II
Lift Capacity @ 24" (610 mm) lbs (kg) Std/Opt	7,000 (3,175)/9,189 (4,168)	7,000 (3,175)/9,189 (4,168)	7,000 (3,175)/9,189 (4,168)	7,000 (3,175)/9,189 (4,168)	7,000 (3,175)/9,189 (4,168)	9,189 (4,168) Std.
Type of Draft Sensing	Top Link	Lower Link				
2WD FRONT AXLE						
Tread Width Min/Max: in. (mm)	60.7 (1,543)/91.8 (2,333)	60.7 (1,543)/91.8 (2,333)	60.7 (1,543)/91.8 (2,333)	60.7 (1,543)/91.8 (2,333)	60.7 (1,543)/91.8 (2,333)	60.7 (1,543)/91.8 (2,333)
4WD FRONT AXLE						
Steering Angle:	55	55	55	55	55	55
Differential Lock:	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Tread Width Min/Max: in. (mm)	61.7 (1,568)/80.7(2051)	61.7 (1,568)/80.7(2,051)	61.7 (1,568)/80.7(2,051)	61.7 (1,568)/80.7(2,051)	61.7 (1,568)/80.7(2,051)	61.7 (1,568)/80.7(2,051)
REAR AXLE						
Differential Lock:	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic	Electro-Hydraulic
Final Drives	Inboard	Inboard	Inboard	Inboard	Inboard	Inboard

* SAE Horsepower

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.

That’s the reason why so many people around the world choose a Massey Ferguson tractor. Choose the 5400 Series model, options and accessories that best meet your needs and you’ll soon be driving up efficiency and productivity.

MODEL	5435	5445	5455	5460	5465	5470
DIMENSIONS						
Length: in. (mm)	165.7 (4,210)	165.7 (4,210)	165.7 (4,210)	169.3 (4,300)	177.3 (4,500)	171.3 (4,350)
Height Over Cab: in. (mm)	108.3 (2,752)	108.3 (2,752)	108.3 (2,752)	109.1 (2,770)	110.2 (2,800)	110.2 (2,800)
Width Minimum: in. (mm)	79.3 (2,014)	79.3 (2,014)	79.3 (2,014)	79.3 (2,014)	79.3 (2,014)	79.3 (2,014)
Width Maximum: in. (mm)	100.4 (2,550)	100.4 (2,550)	100.4 (2,550)	100.4 (2,550)	100.4 (2,550)	100.4 (2,550)
Wheelbase: in. (mm)	97 (2,464)	97 (2,464)	97 (2,464)	100 (2,540)	109 (2,779)	105.1 (2,670)
Weight, 2WD Cab lbs (kgs)	7,810 (3,550)	7,931 (3,605)	7,931 (3,605)	8,206 (3,730)	9,130 (4,150)	8,954 (4,070)
Weight, 4WD Cab lbs (kgs)	8,520 (3,865)	8,580 (3,900)	8,580 (3,900)	8,844 (4,020)	9,746 (4,430)	9,570 (4,350)
POWER TAKE-OFF (PTO)						
Type:	Independent	Independent	Independent	Independent	Independent	Independent
Engine Speed @ 540 rpm	1,990	1,990	1,990	1,990	1,990	1,990
PTO Speed	540/1,000	540/1,000	540/1,000	540/1,000	540/1,000	540/1,000
Economy PTO	Optional	Optional	Optional	Optional	Optional	Optional
AUXILIARY HYDRAULICS						
Type:	Open Center	Open Center	Open Center	Open Center	Open Center	Open Center
Maximum Hyd. Flow@Pump, gpm (lpm) std./opt.	23.6 (89.7) / 34.9 (132.1)	23.6 (89.7) / 34.9 (132.1)	23.6 (89.7) / 34.9 (132.1)	23.6 (89.7) / 34.9 (132.1)	23.6 (89.7) / 34.9 (132.1)	23.6 (89.7) / 34.9 (132.1)
Maximum Hyd. Flow@Remotes, gpm (lpm) std./opt.	15 (56) / 26 (98.4)	15 (56) / 26 (98.4)	15 (56) / 26 (98.4)	15 (56) / 26 (98.4)	15 (56) / 26 (98.4)	15 (56) / 26 (98.4)
Max Pressure: psi (bar)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)	2,900 (200)
Type:	NA	Closed Center				
Maximum Hyd. Flow@Pump, gpm (lpm) std./opt.	NA	29 (109.7)	29 (109.7)	29 (109.7)	29 (109.7)	29 (109.7)
Maximum Hyd. Flow@Remotes, gpm (lpm) std./opt.	NA	29 (109.7)	29 (109.7)	29 (109.7)	29 (109.7)	29 (109.7)
Remote Valves: std./opt.	2/4	2/4	2/4	2/4	2/4	2/5
STEERING/BRAKES						
Steering	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Steering Column	Tilt/ Telescopic	Tilt/ Telescopic	Tilt/ Telescopic	Tilt/ Telescopic	Tilt/ Telescopic	Tilt/ Telescopic
Brakes	Wet Disc	Wet Disc	Wet Disc	Wet Disc	Wet Disc	Wet Disc
Parking Brake	Hand Operated Lever	Hand Operated Lever	Hand Operated Lever	Hand Operated Lever	Hand Operated Lever	Hand Operated Lever
ELECTRICAL						
Total Battery Amperage	505	505	505	505	505	505
Alternator (std/opt)	80	80	80	80	80/120	80/120
Lighting: Front	2 front grille hi/lo beam lights, 2 double element field lights above windshield					
Lighting: Rear	2 double element field lights above rear window					
OPERATOR'S AREA						
Type of Operator Area (Cab or Open Platform)	Both	Both	Both	Both	Cab Only	Cab Only
Cab Sound Level dB(A)	75	75	75	75	75	75
Cab Glass Area (ft ²) (m ²)	61 (5.7)	61 (5.7)	61 (5.7)	61 (5.7)	61 (5.7)	61 (5.7)
Cab Doors (std)	2	2	2	2	2	2



YOUR SATISFACTION IS THE MOST IMPORTANT PART OF A MASSEY FERGUSON® 5400 SERIES TRACTOR.



QUALITY PARTS

Massey Ferguson branded parts are manufactured to meet the same high standards of dependability as every 5400 Series tractor and implement. Continued and consistent use of these quality parts will help keep your tractor running like new.



MASSEY FERGUSON®

EXCEPTIONAL SERVICE

Count on your dealer for prompt service from qualified technicians who know your 5400 Series tractor inside and out. What's more, your dealer is determined to earn your business with extra effort at every turn.



LOW-RATE, FLEXIBLE FINANCING

Your dealer and AGCO Finance offer attractive financing to make sure a new 5400 Series tractor will fit your operating budget. Extremely competitive rates and terms make it easy to buy, lease or rent.

