Product Marketing Bulletin

MASSEY FERGUSON

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Subject:	Massey Ferguson 2700E Series vs. Kubota MX Series
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The Massey Ferguson 2700E Series meshes the durability of a utility tractor with the simplicity and functionality of a compact. With two models ranging from 48.8 – 57.3 engine horsepower, this series is the ideal piece of machinery for many hobby farmers, landowners, and outdoorsmen.

The 2700E Series tractors are designed to perform in a market that is full of competitive compact and utility tractors, one of which is the Kubota MX Series. The purpose of this bulletin is to provide a competitive comparison of the Massey Ferguson 2700E Series vs. the Kubota MX Series to help our dealers and field staff better sell against the competition.

Massey Ferguson 2700E Series vs. Kubota MX Series

Massey Ferguson 2700E	Kubota MX
2705E @ 48.8 HP (36.4 kW)	MX4800 @ 49.3 HP (36.8 kW)
2706E @ 57.3 HP (42.7 kW)	MX5200 @ 54.7 HP (40.8 kW)
	MX5800 @ 61.4 HP (45.8 kW)

Overview

Engine – Both models in the 2700E Series feature a 2.2L 4-cylinder Shibaura diesel engine. These turbocharged engines meet Tier IV Final requirements utilizing a diesel oxidation catalyst (DOC) and exhaust gas recirculation (EGR). High pressure common rail fuel injection (HPCR) makes these engines incredibly efficient and reliable.	**Benefit –** Shibaura is a Japanese based tractor and diesel engine manufacturer with a reputation of producing engines for manufacturers such as the Ford Motor Tractor Division and Perkins. The engines used in the 2700E Series are efficient enough to meet T4F emissions standards without the use of a diesel particulate filter (DPF) or diesel exhaust fluid (DEF).
Transmission – The 2700E Series is available in two transmission options: an 8x8 mechanical shuttle transmission and a three range hydrostatic transmission with a forward/reverse rocker pedal. The hydrostatic transmission option features mechanical cruise control.	**Benefit** – Two transmission options allow the 2700E Series to be configured to meet an assortment of customer preferences. The 8x8 mechanical shuttle transmission fits well in mowing and hauling applications while the three range hydrostatic transmission is ideal for loader work.
Hydraulics – The 2700E Series utilizes two transmission mounted hydraulic pumps. One to power the 3-point hitch and remotes and the other is dedicated to the power steering.	**Benefit** – The 2700E Series is a leader in its class with regards to hydraulic flow. A higher flow rate translates to stronger and faster implement and loader response.
PTO – Both models in the 2700E Series feature an independent 540 RPM rear PTO. The PTO is electro-hydraulically engaged with a push knob and feature a modulation button for low-impact startup.	**Benefit** – Electro-hydraulic PTO engagement makes engaging/disengaging the PTO simple and easy for the operator. Additionally, the gradual startup feature makes PTO engagement simple and reduces stress on both tractor and implement gear boxes.
Configurations – All 2700E Series tractors are available in a 4WD platform configuration only.	**Benefit** – The 2700E Series offers an open operator station with intuitive control layouts and a fully flat platform – all at an economic price.
Comfort – The operator's station features a fully flat platform, a suspended deluxe vinyl seat, left side steps and a grab handle for entry, as well as a standard cup holder and toolbox.	**Benefit** – The 2700E Series' open platform design provides the operator with easy entry and exit of the tractor as well as plenty of leg room while sitting in the seat. All controls are located within easy reach allowing the operator to easily and comfortably make adjustments to settings.

Massey Ferguson 2700E Series vs. Kubota MX Series

Engine

2700E	MX
2.2L 4-cylinder Shibaura diesel engine • 2,600 RPM rated engine speed • Turbocharged, after-cooled • High pressure common rail fuel system (HPCR) Emissions • Externally cooled exhaust gas recirculation (EGR) • Diesel oxidation catalyst (DOC) • **NO diesel particulate filter (DPF)** • **NO diesel exhaust fluid (DEF)**	2.4L 4-cylinder Kubota diesel engine • 2,700 RPM rated engine speed • Turbocharged in MX5200 and MX5800 models • Common rail fuel system Emissions • **Diesel particulate filter (DPF)** • Exhaust gas recirculation (EGR) • Diesel oxidation catalyst (DOC)

Massey Ferguson Advantage

- The 2700E Series tractors meet the stringent Tier IV Final requirements **WITHOUT** the use of a **DPF** or **DEF**. The MX Series utilizes a DPF located beside their fuel tank under the hood.
- The Shibaura engine utilized in the 2700E Series has a lower rated engine speed than that of the Kubota engine found in the MX Series. Lower engine speed means less wear and tear on the engine and extends the overall service life.
- All 2700E Series tractors feature a turbocharged engine.

Massey Ferguson 2700E Series vs. Kubota MX Series




Transmission

2700E	MX
8x8 Mechanical Shuttle • Single-stage dry clutch • Suspended pedals • 4 gears (3rd & 4th synchronized), 2 ranges • Shuttle is located just to the left of the steering wheel Hydrostatic Transmission (HST) • 3 ranges • Heel/toe rocker pedal • Mechanical cruise control • Ideal for loader work	8x8 Mechanical Shuttle • Single-stage dry clutch • Suspended pedals • 4 gears (3rd & 4th partially synchronized), 2 ranges • Shuttle is located to the left of the seat Hydrostatic Transmission (HST) • 3 ranges • Heel/toe rocker pedal • Mechanical cruise control • Ideal for loader work

Massey Ferguson Advantage

- The 2700E Series with the shuttle transmission option features a side mounted gear shift while the MX Series gear shift is located in the center of the platform.
- The shuttle lever on the 2700E Series is located just to the left of the steering wheel allowing the operator to shuttle from forward to reverse without looking down.
- The shuttle lever on the MX Series is located beside the seat causing the operator to remove their hand from the steering wheel and look down in order to shuttle from forward to reverse.

Massey Ferguson 2700E Series vs. Kubota MX Series

3-Point Hitch and PTO

3-point Hitch • Category I/II 3-point hitch standard on both models of the 2700E Series • 2,425 lb. lift capacity at 24” behind the pins • Extendable lower links • Single position control lever • Optional draft control **PTO** • Electro-hydraulically controlled 540 RPM independent PTO standard • Modulation button for low-impact start up	**3-point Hitch** • Category I/II 3-point hitch standard on all three models in the MX Series • 2,310 lb. lift capacity at 24” behind the pins • Extendable lower links • Single position control lever • Optional draft control **PTO** • Live independent hydraulically controlled 540 RPM PTO

Massey Ferguson Advantage

- The 2700E Series features a higher 3-point lift capacity than the MX Series allowing it to handle heavier implements.
- The PTO on the 2700E series is electro hydraulically engaged via a button on the dashboard.
- Additionally the PTO on the 2700E series is modulated to reduce impact on startup. This decreases the stress on the gearbox but also increases operator comfort during engagement.

Massey Ferguson 2700E Series vs. Kubota MX Series

Hydraulics

2700E	MX
The 2700E Series features 2 transmission mounted hydraulic pumps: • 12.6 GPM main pump • 7.0 GPM dedicated steering pump • Total flow: 19.6 GPM Rear remotes: • 0 standard • 1 remote option from the factory • Up to 3 remotes total field installed	The MX Series features 2 hydraulic pumps: • 9.5 GPM main pump • 4.9 GPM dedicated steering pump • Total flow: 14.4 GPM Rear remotes: • Up to 3 optional rear remotes

Massey Ferguson Advantage

- The 2700E Series main pump produces a 33% greater flow rate than that of the MX Series. This translates to a faster, stronger implement response. This also allows the 2700E to have a greater 3-point lift capacity.
- Additionally, the steering pump on the 2700E Series has a 43% higher flow rate than the MX Series. This means that the power steering on the 2700E will turn more easily under load.
- With a significantly greater overall hydraulic flow rate, the 2700E Series tractor allows the operator to do more, more comfortably.

Massey Ferguson 2700E Series vs. Kubota MX Series

Operator's Station

2700E	MX
• Open operator station • Fully flat platform • Steel fenders, platform, and hood • Perforated metal deck • Left side steps and grab handle for entry • Retractable seat belt • Folding ROPS • Suspended deluxe vinyl seat • Hood mounted headlights • Marker lights on ROPS • Cup holder & toolbox standard • Ground level fueling	• Open operator station • Semi-flat operator platform • Perforated metal deck • Left hand side step with handle • Folding ROPS • Suspended "High-Back" seat • Suspended foot pedals • Cup holder & toolbox • All transmission controls (including shuttle) are located on the left hand side of the seat

Massey Ferguson Advantage

- The fully flat platform of the 2700E Series provides operators with more leg room for added comfort during operation as well as easier entry and exit of the tractor.
- The MX gear shift is located in the center of the platform making it difficult to reach. It also serves as an unnecessary obstacle for the operator during entry and exit.
- Ground level, obstruction free fueling on the 2700E makes fueling simple and easy. The MX Series fuel tank is located under the hood just in front of the steering wheel and dashboard.

Massey Ferguson 2700E Series vs. Kubota MX Series

COMPETITIVE SPECIFICATIONS

Specifications	MF2705E	MX4800
Rated Engine HP (kW)	48.8 (36.4)	49.3 (36.8)
Rated Engine Speed	2600	2700
Rated PTO HP (kW)	41.4 (30.9)	40.5 (30.2)
Engine Size / # of Cylinders	2.2L / 4	2.4L / 4
Aspiration	Turbocharged	Natural
EPA Compliance	Tier IV Final	Tier IV Final
Emissions Control System	DOC, EGR	DPF, EGR, DOC
Standard Transmission	8x8 mechanical shuttle	8x8 mechanical shuttle
Gears / Ranges	4 gears / 2 ranges	4 gears / 2 ranges
Optional Transmission	HST	HST
Gears / Ranges	3 Range	3 Range
3-point Category	Cat. I/II	Cat. I/II
3-point Lift Capacity (lbs.) @ 24” behind pins	2,425	2,310
Hydraulic Flow @ Remotes	12.6 GPM	9.5 GPM
Rear Remote Valves	Up to 3	Up to 3
Factory Loader Ready	Optional	Optional
PTO Speeds	Independent 540 RPM	Live Independent 540 RPM
Fuel Capacity	14.0 gal.	13.5 gal.
Tractor Length (in.)	132.7	125.2
Height over ROPS (in.)	104.1	95.7
4wd ROPS Weight (lbs.)	3,836	3,712

Massey Ferguson 2700E Series vs. Kubota MX Series

COMPETITIVE SPECIFICATIONS

Specifications	MF2706E	MX5200
Rated Engine HP (kW)	57.3 (42.7)	54.7 (40.8)
Rated Engine Speed	2600	2700
Rated PTO HP (kW)	48.7 (36.3)	45.7 (33.0)
Engine Size / # of Cylinders	2.2L / 4	2.4L / 4
Aspiration	Turbocharged	Turbocharged
EPA Compliance	Tier IV Final	Tier IV Final
Emissions Control System	DOC, EGR	DPF, EGR, DOC
Standard Transmission	8x8 mechanical shuttle	8x8 mechanical shuttle
Gears / Ranges	4 gears / 2 ranges	4 gears / 2 ranges
Optional Transmission	HST	HST
Gears / Ranges	3 Range	3 Range
3-point Category	Cat. I/II	Cat. I/II
3-point Lift Capacity (lbs.) @ 24” behind pins	2,425	2,310
Hydraulic Flow @ Remotes	12.6 GPM	9.5 GPM
Rear Remote Valves	Up to 3	Up to 3
Factory Loader Ready	Optional	Optional
PTO Speeds	Independent 540 RPM	Live Independent 540 RPM
Fuel Capacity	14.0 gal.	13.5 gal.
Tractor Length (in.)	132.7	125.2
Height over ROPS (in.)	104.1	95.7
4wd ROPS Weight (lbs.)	3,836	3,716

Massey Ferguson 2700E Series vs. Kubota MX Series

COMPETITIVE SPECIFICATIONS

Specifications	MF2706E	MX5800
Rated Engine HP (kW)	57.3 (42.7)	61.4 (45.8)
Rated Engine Speed	2600	2700
Rated PTO HP (kW)	48.7 (36.3)	50.2 (37.5)
Engine Size / # of Cylinders	2.2L / 4	2.4L / 4
Aspiration	Turbocharged	Turbocharged
EPA Compliance	Tier IV Final	Tier IV Final
Emissions Control System	DOC, EGR	DPF, EGR, DOC
Standard Transmission	8x8 mechanical shuttle	HST
Gears / Ranges	4 gears / 2 ranges	3 Range
Optional Transmission	HST	N/A
Gears / Ranges	3 Range	N/A
3-point Category	Cat. I/II	Cat. I/II
3-point Lift Capacity (lbs.) @ 24” behind pins	2,425	2,310
Hydraulic Flow @ Remotes	12.6 GPM	9.5 GPM
Rear Remote Valves	Up to 3	Up to 3
Factory Loader Ready	Optional	Optional
PTO Speeds	Independent 540 RPM	Live Independent 540 RPM
Fuel Capacity	14.0 gal.	13.5 gal.
Tractor Length (in.)	132.7	127.8
Height over ROPS (in.)	104.1	95.7
4wd ROPS Weight (lbs.)	3,836	3,734

Massey Ferguson 2700E Series vs. Kubota MX Series

COMPETITIVE LOADER SPECIFICATIONS		
Specifications	**L135E**	**LA1065**
Tractor Compatibility	All 2700E models	All MX models
Max. Lift Capacity @ Pivot Pins (lbs.)	2,430	2,275
Max. Lift Height @ Pivot Pins (in.)	110.2	111.2

COMPETITIVE BACKHOE SPECIFICATIONS		
Specifications	**CB85**	**BH92**
Tractor Compatibility	All 2700E models	All MX models
Transport Height (in.)	85.4	100.1
Digging Depth (in.)	101.6	109.8
Loading Height (in.)	74	84.3