



# Product Marketing Bulletin

**MASSEY FERGUSON**

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**Subject:** Competitive Bulletin: Massey Ferguson GC1700 Series vs. John Deere 1 Series

**Distribution:** Massey Ferguson Dealers



The Massey Ferguson GC1700 Series is the ideal subcompact tractor for any customer in the market for a small tractor. These tractors shine in applications like mowing, loader and backhoe work, snow blowing, and many more. Whether your customer is a weekend warrior, a small farmer, or a landscaper – The GC1700 Series can tackle any chore that they throw at it.

The GC1700 Series tractors are designed to perform in a market that is full of competitive subcompact tractors, one of which is the John Deere 1 Series. The purpose of this bulletin is to provide a competitive comparison of the Massey Ferguson GC1700 Series vs. the John Deere 1 Series to help our dealers and field staff better sell against the competition.



Massey Ferguson GC1700 Series vs. John Deere 1 Series

Massey Ferguson GC1700 Series	John Deere 1 Series
GC1705 @ 22.5 HP	1023E @ 22.4 HP
GC1710 @ 22.5 HP	
GC1715 @ 25 HP	1025R @ 23.9 HP
GC1720 @ 25 HP	1025R-TLB @ 23.9 HP

<p><b>Engine</b> – The GC1700 Series features a 1.1L 3 cylinder Iseki diesel engine. These engines fall below the HP range that must meet emissions requirements. Because of this, the GC1700 Series does not require any emissions systems to meet compliance.</p>	<p><b>Benefit</b> – Iseki is a longtime AGCO partner and produces quiet and reliable engines. Due to the horsepower range that these engines fall under, these engines do not utilize emissions systems such as EGR, DPF, DOC, etc.</p>
<p><b>Transmission</b> – The GC1700 Series features a 2-range hydrostatic transmission with side-by-side forward and reverse pedals. All tractors in this series are available in a 4WD configuration only and have a maximum forward speed of 9.1 MPH.</p>	<p><b>Benefit</b> – Hydrostatic transmissions are easy to operate by anyone from a beginner to an experienced operator. The side-by-side pedals allow the operator to smoothly and comfortably change direction and are ideal in loader applications.</p>
<p><b>Hydraulics</b> – The GC1700 Series features a total hydraulic flow of 6.3 GPM (GC1705/1710) or 6.8 GPM (GC1715/1720).</p>	<p><b>Benefit</b> – The GC1700 Series leads its class in hydraulic flow. This flow results in a high 3-point lift capacity and fast loader response.</p>
<p><b>PTO</b> – All four models in this series feature a standard 540 RPM rear PTO and an optional 2000 RPM mid-PTO.</p>	<p><b>Benefit</b> – The rear PTO allows the tractor to utilize a wide assortment of 3-point mounted implements while the mid-PTO can be utilize with several mid-mount mower options, front snow blowers, etc.</p>
<p><b>Configurations</b> – All GC1700 Series tractors feature a standard platform configuration or a tractor-loader-backhoe (TLB) configuration.</p>	<p><b>Benefit</b> – The TLB configurations offer a taller ROPS and a swiveling seat to allow for a safe and comfortable environment to operate the backhoe.</p>
<p><b>Comfort</b> – The GC1700 Series has several exciting features to enhance the operator’s comfort: flat platform with rubber floor mats, side-by-side forward/reverse rocker pedals, ergonomic control layout, beverage holder, and ground level fueling to name a few.</p>	<p><b>Benefit</b> – The GC1700 Series was designed to provide the operator with an optimal work environment. Whether you are mowing grass, moving snow, or operating a backhoe – these tractors will be a comfortable platform to work from.</p>



Massey Ferguson GC1700 Series vs. John Deere 1 Series



**Engine and Transmission**

**Engine**

- Iseki 3-Cylinder diesel
- 1.1L, 68.5 cu. in. displacement
- 2600 RPM rated engine speed
- Horizontal exhaust pipe
- No T4F emissions equipment
- 6.6 gallon diesel tank

**Transmission**

- 2 Range Hydrostat (HST)
- Side-by-side forward/reverse pedals
- Cruise control
- 9.1 MPH max forward speed

**Engine**

- Yanmar 3-Cylinder diesel
- 1023E – 1.0L
- 1025R & 1025R TLB – 1.3L
- 3200 RPM rated engine speed
- No T4F emissions equipment
- 5.6 gallon diesel tank

**Transmission**

- 2 Range Hydrostat (HST)
- Side-by-side forward/reverse pedals
- Cruise control
- 9.1 MPH max forward speed

**Massey Ferguson Advantage**

- The GC1700 Series tractors are rated at a 600 RPM lower rated engine speed which results in less engine wear and an increased service life than that of the 1 Series.
- The GC1700 Series features a 6.6 gallon fuel tank (18% larger than the 1 Series tank) which allows the operator to stay in the field longer without refueling.
- The Iseki engine is a more efficient and productive engine than the Yanmar as it produces a greater horsepower at a lower engine RPM.



Massey Ferguson GC1700 Series vs. John Deere 1 Series



**Hydraulics, 3-Point Hitch, and PTO**

**Hydraulics**

- Open center system
- 6.3 GPM total flow-GC1705/GC1710
- 6.8 GPM total flow-GC1715/GC1720

**3-point Hitch**

- Category I 3-point hitch
- 1,190 lb. lift capacity at the lift pins
- 550 lbs. @ 24" behind the pins

**PTO**

- Standard 540 RPM rear PTO
- Optional 2000 RPM mid-PTO
- Both can be operated simultaneously

**Hydraulics**

- Open center system
- 6.3 GPM total flow

**3-point Hitch**

- Category I 3-point hitch
- 681 lb. lift capacity @ 24" behind the lift pins

**PTO**

- Standard 540 RPM rear PTO
- Standard 2100 RPM mid-PTO

**Massey Ferguson Advantage**

- The GC1700 Series produces greater PTO horsepower at a lower engine speed than the John Deere 1 Series.
- The rear and mid PTOs on the GC1700 Series can be operated simultaneously.
- The ability to run both PTOs simultaneously makes the tractor versatile enough to accomplish multiple tasks at once such as operate a snow blower on the front of the tractor and a salt spreader on the rear at the same time.



Massey Ferguson GC1700 Series vs. John Deere 1 Series



Operator's Station

**GC1700 Platform**

- Open operator station
- Flat platform with rubber floor mat
- Side-by-side forward/reverse pedals
- Transmission range and PTO controls all conveniently located within easy reach
- Beverage holder
- Fueling access located on the rear fender
- Metal hood and body design
- Taller ROPS and swiveling seat on TLB models

**1 Series Platform**

- Flat platform with rubber floor mat
- Left hand side brake pedal
- Hand rail
- Beverage holder
- Side-by-side forward/reverse pedals
- Fueling access located on the rear fender
- Plastic hood and body design
- Optional tool box
- Swiveling seat on TLB model

Massey Ferguson Advantage

- The GC1700 Series platform is very spacious for a tractor of its size providing the operator with a comfortable work environment.
- The body of the GC1700 Series is constructed of metal while the 1 Series hood, fenders, and platform are all made of plastic.
- The controls on the GC1700 Series are laid out ergonomically allowing the operator to easily make adjustments to the machine.

**Massey Ferguson GC1700 Series vs. John Deere I Series****COMPETITIVE SPECIFICATIONS**

<b>Specifications</b>	<b>MFGC1705 / MFGC1710-TLB</b>	<b>1023E</b>
Rated Engine HP	22.5	22.4
Rated Engine Speed	2600 RPM	3200 RPM
Rated PTO HP	18.3	15.3
Engine Size / # of Cylinders	1.1L / 3	1.0L / 3
Standard Transmission	HST	HST
Gears / Ranges	2 ranges	2 ranges
3-point Lift Capacity @ 24"	550 lbs.	681 lbs.
Hydraulic Flow	6.3 GPM	6.3 GPM
PTO Speeds	540 RPM	540 RPM
Fuel Capacity	6.6 gal.	5.6 gal.
Tractor Length (in.)	97.6	102.6
Height over ROPS (in.)	72.8 (85.8 for TLB)	77.5
Base Weight (lbs.)	1,397	1,345

**COMPETITIVE SPECIFICATIONS**

<b>Specifications</b>	<b>MFGC1715 / MFGC1720-TLB</b>	<b>1025R / 1025R-TLB</b>
Rated Engine HP	25	23.9
Rated Engine Speed	2600 RPM	3200 RPM
Rated PTO HP	18.5	18
Engine Size / # of Cylinders	1.1L / 3	1.3L / 3
Standard Transmission	HST	HST
Gears / Ranges	2 ranges	2 ranges
3-point Lift Capacity @ 24"	550 lbs.	681 lbs.
Hydraulic Flow	6.8 GPM	6.3 GPM
PTO Speeds	540 RPM	540 RPM
Fuel Capacity	6.6 gal.	5.6 gal.
Tractor Length (in.)	97.6	102.6
Height over ROPS (in.)	72.8 (85.8 for TLB)	86.2
Base Weight (lbs.)	1,397	1,444



Massey Ferguson GC1700 Series vs. John Deere I Series

COMPETITIVE LOADER SPECIFICATIONS

Specifications	DL95	D120	H120
Tractor Compatibility	All GC Series	1023E	1023R & 1023R-TLB
Max. Lift Capacity @ Pivot Pins (lbs.)	870	825	836
Max. Lift Height @ Pivot Pins (in.)	72.8	71.2	71.2

COMPETITIVE BACKHOE SPECIFICATIONS

Specifications	CB65	260
Tractor Compatibility	GC1710 & GC1720	All 1 Series
Bucket digging force (lbs.)	2476	2036
Loading Height	66"	60"
Digging Depth	78"	72"

