

# Tractor Range



**McCORMICK**





**McCORMICK**



# A tractor range to meet every application

Quality, innovation, performance and reliability. These are the key principles farmers demand and McCormick proudly delivers.

As a tractor manufacturer that's totally dedicated to exceeding the expectations of our customers, we set some of the most demanding manufacturing standards in the industry.

The result is a highly dependable product range that will increase productivity whilst maximising operator comfort. Our meticulous approach to fine details also means every working part is designed to last, even in the most punishing environments.

So if you're looking for a tractor to meet your needs - then look no further than McCormick.



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## THE PLANTS

Argo Tractors manufactures its products in four locations in Italy. All tractor ranges of the Landini, McCormick and Valpadana brands are produced at the plants in Fabbrico, San Martino in Rio and Luzzara, in the province of Reggio Emilia. In addition to these production facilities, Argo Tractors also boasts a modern and efficient spare parts centre in San Martino in Rio, which distributes Landini and Valpadana parts in Italy and abroad, and a McCormick world-wide parts distribution centre in France. Argo Tractors is present throughout the world with eight

branch offices and 130 foreign importers. In Italy, the Argo Tractors products are distributed throughout the country through a network of 200 dealers, which provide a competent and professional support. Through the Landini, McCormick and Valpadana brands, Argo Tractors has established an extensive network of relationships in the most diverse agricultural areas and developed the expertise to produce agricultural machines suiting a variety of conditions and situations to better respond to market needs.



## FABBRICO

total area:

**130,000 sq m**

covered area:

**55,000 sq m**

type of production:

**tractor manufacturing**







### FABBRICO EMMEGI

total area:  
**33,000 sq m**  
 covered area:  
**10,000 sq m**  
 type of production:  
**cab manufacturing**



### S. MARTINO IN RIO

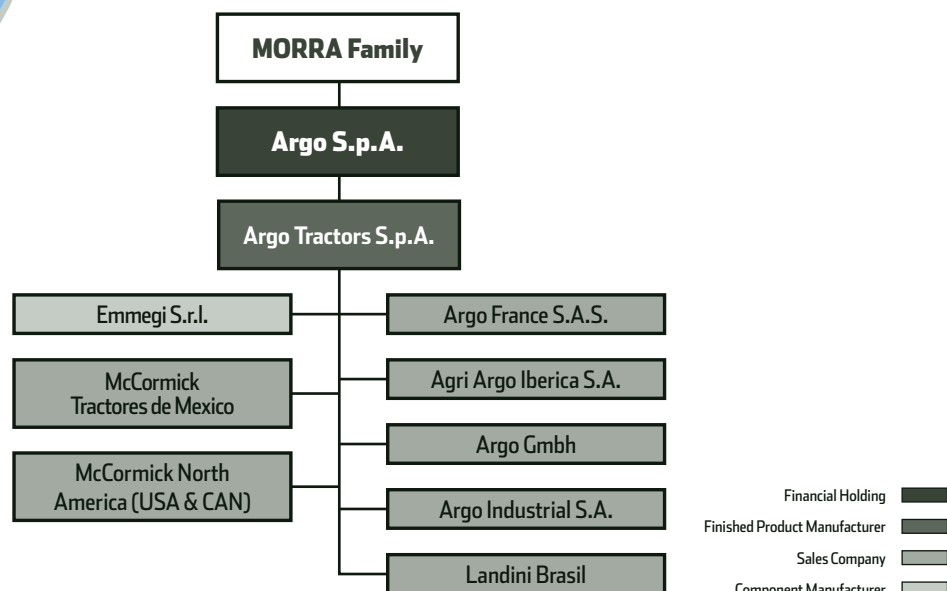
total area:  
**34,000 sq m**  
 covered area:  
**25,000 sq m**  
 type of production:  
**tractor manufacturing**



### LUZZARA

total area:  
**15,000 sq m**  
 covered area:  
**8,000 sq m**  
 type of production:  
**tractor cabs, axles**

# The world of Argo Tractors



Financial Holding ■■■  
 Finished Product Manufacturer ■■■  
 Sales Company ■■■  
 Component Manufacturer ■■■

Argo Tractors is a company of the Argo Group established in 2006 with the intention of creating a global tractor manufacturing hub. With 22,000 tractors manufactured and marketed under the Landini, McCormick and Valpadana brands, Argo Tractors is today one of the western world's leading players. True to the philosophy of the Argo Group, Argo Tractors's activities are based on a close integration of the manufacturing and marketing strategies which links in a univocal and linear manner the various business functions: sales, R&D, engineering, purchasing, logistics, pre- and after-sales service. The production is based on the synergy between four plants, each of which dedicated to a specific product line, and two after-sales service centres based in Italy and France. The R&D and engineering divisions are located at the main headquarters in Fabbrico (Reggio Emilia). All factory areas are equipped with quality control facilities designed to ensure qualitative excellence at all stages of the production process. Today, with the Landini, McCormick and Valpadana tractors, Argo Tractors is present in Europe and world-wide with one of the most comprehensive product ranges on the market, comprising 3-, 4- and 6-cylinder tractor families in the power range from 25 to over 310 hp for a variety of open-field, vineyard and orchard applications, including crawler, utility and equal-wheeled tractors.



**1809** Feb 15, Cyrus Hall McCormick is born in Rockbridge County, Virginia, U.S.A.

**1831** Young Cyrus redesigns, builds and tests a reaper taking over a project on which his father had worked for many years without success. The reaper is successfully demonstrated at Steeles Tavern and patented in 1834.

**1847** Cyrus forms a partnership with C.M. Gray and establishes a factory on the north bank of the Chicago river. 500 reapers are constructed for the 1848 harvest.

**1851** McCormick reaper wins the "Grand Council Medal" at The Great Exhibition at the Crystal Palace, London. Over the next several years McCormick's reaper wins major awards all over Europe.

**1871** Great Chicago fire destroys the McCormick reaper works. In August 1872 ground is broken for a new factory which is completed in February 1873.

**1884** May 13, Cyrus Hall McCormick dies. His wife "Nettie" and his brother Leander carry on the business activity.

**1900** McCormick Harvesting Co. sets up a general agency office in London.

**1902** International Harvester Company is set up. Cyrus H. McCormick (Jnr) is appointed as President.

**1905** IHC builds its first plant in Europe at Norrkoping in Sweden to manufacture implements.

**1906** IHC unveils its first tractor with power rating between 10 and 20 hp. International Harvester Company of Great Britain Ltd, with offices in London, inaugurates on 31st December. Between 1906 and 1939 IH GB works mainly as an import company.

**1908** 629 tractors are produced under the International Harvester name. International Harvester expands with the building of two factories, one at Neuss, Germany (1907) and the other at Croix, France.

**1911** The Neuss factory starts the production of implements, such as mowers, tedders, rakes and fertilizer spreaders, under the McCormick name.

**1914** International Harvester markets its first combine harvester-thresher named McCormick Deering No 1.

**1928** First combine appears in Great Britain. It is a pull-type combine named McCormick Deering No. 8.

**1937** International Harvester starts tractor production in Germany. First F 12 series tractor with 12 to 15 hp rolls off the assembly line. Between 1937 and 1940, 3973 units of the F 12 family are produced.

**1938** IH GB purchases Wheatley Hall site, now global headquarters for McCormick operations, from Doncaster Borough Council. The construction of a new factory building on the site is interrupted by the outbreak of Second World War.

**1946** The Neuss factory is rebuilt and reaches a daily production of 50 tractors. Implement production begins at the Doncaster factory.

**1949** Tractor production commences at Doncaster. First McCormick Farmall M tractor, serial no 1001, rolls off the line on September 13.

**1950** International Harvester France decides to build tractors and purchases a site at St Dizier, in the Haute-Marne province, 250km east of Paris. Today, all transmissions for McCormick conventional tractors are manufactured at this facility.

**1951** Tractor production starts at St Dizier with the assembly of the Farmall model FC. Production of McCormick International "BM" tractors begins at Doncaster.

**1952** Decision is made that IH GB should enter the construction equipment market and production of BTD-6 crawler is started.

**1954** IH GB acquires the old car works at Idle, Bradford, and commences production of the McCormick International B 250 tractor, rated at 30hp. This is Britain's first tractor incorporating "disc brakes" and "differential locking".





**1968** IH GB launches the McCormick International B-634 tractor. This is the last tractor produced in Britain with the McCormick name. Production will cease in 1972.

**1970** First tractor of the "World Wide" range rolls off the line. These are Europe's first tractors to incorporate synchromesh transmissions with the option of hydrostatic transmissions.

**1972** The last tractor off the Neuss assembly line to carry the "McCormick" name is a McCormick 624.

**1978** IH GB launches the 84 series tractor range.

**1985** Tenneco, owner of "Case" and "David Brown" brands purchases some assets of International Harvester's Agricultural Division. All products from this division are rebranded as "Case International".

**1994** New Doncaster built tractor range, the 3200/4200 series, is introduced.

**1997** The new CX tractor series are introduced and built at Doncaster.

**1998** Doncaster plant starts to build Maxxum MXC models in February.

**1999** Case merges with New Holland. The new company is named CNH. EU regulatory authorities rubber stamp merger, providing CNH divest itself of the Doncaster plant and the C, CX and MXC tractors it produces, along with the engineering know-how of the MX Maxxum range.

**2000** The plant is purchased by Argo S.p.A of Italy and the Doncaster facility becomes the global headquarters for McCormick Tractors International Ltd. Products from Doncaster will be sold worldwide under the McCormick brand name.

**2001** McCormick Tractors International Ltd. starts activity in January and in February exhibits its tractors for the first time at SIMA exhibition in Paris. CNH sells the St. Dizier facility to Argo Group. This now becomes the head office of McCormick France and the general headquarters for commercial and production operations in France.

**2002** New products are launched confirming the confidence and entrepreneurial style of the new management. The MC 115, the MTX series

with 110 to 175 hp, the Power6 and the MTX200 tractors roll off the Doncaster assembly lines.

**2003** With the ZTX series McCormick enters the 230-280 hp market segment, confirming its commitment to becoming a global player and to enhancing the brand name with unique products manufactured to the highest quality standards.

**2005** The new XTX range is launched.

**2006** McCormick's range of specialty tractors is updated with the new F-N (narrow orchard) and V (vineyard) series. To celebrate 60 years of production at the Doncaster facility, McCormick launches the Diamond Edition, a limited run of only 120 tractors.

**2007** New TTX and CX tractor series are introduced. McCormick tractor production is moved to the Fabbrico plant, in Italy, which has been recently enlarged and fully modernised.

**2008** The launch of the MTX series completes the development of Mc-

Cormick's high-end tractor range.

**2010** Launching of the new X60 Series with power ratings from 90 to 120 HP.

**2011** Launching of the new X70 Series with Tier 4 Interim engines.

**2012** The X50 and X50m Tier 4 Interim Series are launched. These models introduce the new body design that will be rolled out across all future McCormick tractor ranges.

**2013** The X7, X6 and X4 Tier4 Interim series are launched. All these models feature the same body design as introduced on the X50 and X50m series in 2012.

**2014** Launching of the new CVT continuously variable transmissions on the X7 and X6 Series (VT-Drive models). Launching of X6 LWB and X5 tractor families.

**2016** Launch of the X8 series with VT-DRIVE continuously variable transmission. Launch of the new X4m Series and X2 Series, a successor to the GM range.

# McCormick: quality and innovation in the furrow of tradition

It all began in Virginia, USA, in 1809 with the birth of a man: Cyrus Hall McCormick.

A keen inventor, Cyrus McCormick not only ushered in the era of mechanized farming, but also pioneered in the fields of engineering, business management and finance. He invested huge resources in the construction of plants and introduced innovative business and marketing techniques; but, most importantly, he stunned the agricultural world with inventions that could mechanize the farm work. Amongst other things, he invented the first mechanical reaper in 1831. When Cyrus McCormick died in 1884, his legacy lived on through his wife Nettie and his brother Leander, under whose leadership the family company continued to grow and expand.

In 1949, the first tractor, a McCormick Farmall M., rolled off the Doncaster assembly line.

Many years later the transmission production plant in Saint Dizier and the tractor production plant in Doncaster were purchased by the Argo Industrial Group, which relaunched the McCormick brand as McCormick Tractors International Limited. Today, the McCormick tractors still reflect the values which made this brand a world-beater. The McCormick name epitomises quality, craftsmanship and innovative design and has become a reference for tractor manufacturers throughout the world, especially in Anglo-Saxon countries. Based on advanced technologies, the latest generation of McCormick tractors offers enhanced reliability and performance, holding true to the values and principles that have made McCormick a world leader in tractor manufacturing. A renewed mission that will offer McCormick customers ever-increasing productivity levels.



# X7

Tier 3



**MCCORMICK**



|  |         | X7.650<br>PS DRIVE | X7.660<br>PS DRIVE | X7.670<br>PS DRIVE | X7.680<br>PS DRIVE |
|--|---------|--------------------|--------------------|--------------------|--------------------|
| <b>ENGINE</b>  |         |                    |                    |                    |                    |
| TIER 3   |         | NEF 6 CYL CR TAA   | NEF 6 CYL CR TAA   | NEF 6 CYL CR TAA   | NEF 6 CYL CR TAA   |
| MAX. ENGINE POWER AT 1900 RPM (ISO TR 14396 ECE R120)                              | HP/KW   | 160 / 118          | 165 / 121          | 177 / 130          | 188 / 138          |
| MAX. ENGINE POWER WITH DUAL POWER AT 1900 RPM (ISO TR 14396 ECE R120)              |         | –                  | 175 / 129          | 192 / 141          | 212 / 156          |
| MAX. TORQUE (WITH DUAL POWER) (ISO TR 14396 ECE R120)                              | NM      | 676 (–)            | 679 (726)          | 798 (867)          | 810 (867)          |
| FUEL TANK CAPACITY   | L       | 320                | 320                | 320                | 320                |
| <b>PS-DRIVE TRANSMISSION</b>   |         |                    |                    |                    |                    |
| PS-DRIVE + POWER SHUTTLE: 30FWD+15REV<br>(6 POWERSHIFT SPEEDS IN 5 RANGES)         |         | ○                  | ○                  | ○                  | ○                  |
| PS-DRIVE + CREEPER + POWER SHUTTLE: 54FWD+27REV                                    |         | ●                  | ●                  | ●                  | ●                  |
| ELECTRO-HYDRAULIC RANGE SHIFTING   |         | ●                  | ●                  | ●                  | ●                  |
| <b>POWER TAKE-OFF</b>  |         |                    |                    |                    |                    |
| WET MULTI-DISC PTO CLUTCH  |         | ●                  | ●                  | ●                  | ●                  |
| FOUR SPEEDS: 540/540E/1000/1000E   |         | ●                  | ●                  | ●                  | ●                  |
| <b>FRONT 4WD AXLE</b>  |         |                    |                    |                    |                    |
| RIGID TYPE   |         | ●                  | ●                  | ●                  | ●                  |
| WITH ELECTRONICALLY-CONTROLLED HYDRAULIC SUSPENSION                                |         | ○                  | ○                  | ○                  | ○                  |
| <b>CAN BUS LIFT CONTROL HITCH</b>  |         |                    |                    |                    |                    |
| MAX. LIFT CAPACITY (EFFICIENT MODEL)   | KG      | 6300               | 6300               | 6300               | 6300               |
| MAX. LIFT CAPACITY (PREMIUM MODEL ● EFFICIENT MODEL ○)                             | KG      | 9300               | 9300               | 9300               | 9300               |
| ELECTROHYDRAULICALLY-CONTROLLED REMOTE VALVES (EFFICIENT MODEL)                    | STD/OPT | 2/4-6              | 2/4-6              | 2/4-6              | 2/4-6              |
| ELECTROHYDRAULICALLY-CONTROLLED REMOTE VALVES (PREMIUM MODEL)                      | STD/OPT | 4/5-7              | 4/5-7              | 4/5-7              | 4/5-7              |
| <b>CAB AND DRIVING POSITION</b>  |         |                    |                    |                    |                    |
| McCORMICK SUSPENDED HYDRO CAB – ELECTRONICALLY-CONTROLLED HYDRAULIC CAB SUSPENSION |         | ○                  | ○                  | ○                  | ○                  |
| HEATING / VENTILATION  |         | ●                  | ●                  | ●                  | ●                  |
| AIR-CONDITIONING (EFFICIENT MODEL)   |         | ●                  | ●                  | ●                  | ●                  |
| CLIMATE CONTROL (PREMIUM MODEL)  |         | ●                  | ●                  | ●                  | ●                  |
| <b>DIMENSIONS AND WEIGHTS</b>  |         |                    |                    |                    |                    |
| WHEELBASE  | MM      | 2750               | 2750               | 2820               | 2820               |
| WEIGHT WITH EMPTY TANK, WITHOUT BALLAST WEIGHTS                                    | KG      | 6810               | 6810               | 7010               | 7010               |

Key: ● standard ○ option – not available

The new Tier 3, X7 Series by McCormick stands for innovation. Designed with uncompromising comfort, performance and productivity in mind, this tractor range is tailored to meet the needs of the most demanding customers, allowing operators to handle the toughest jobs with ease, whether in the field or on the road. The four models in the range are powered by the new Betapower 24-valve, six-cylinder turbo engines with common rail injection system. Featuring the Power Plus system to provide additional power for road and PTO applications, these engines deliver plenty of torque making for high flexibility and pulling power. They are located within a rugged chassis which helps reduce noise and vibration levels within the cab and meet Tier 3.

The PS-DRIVE transmission with 30 speeds in 5 ranges offers a SIX-speed on-the-go powershift and incorporates electro-hydraulic range shifting and a left-hand steering-column power shuttle. The transmission is controlled electronically via pushbuttons located on the multi-function joystick controller and features an Autoshift function, ensuring easier operation in the field or during transport.

A creep speed unit is available as standard to provide 54 forward and 27 reverse speeds.

The electrohydraulically engaged rear PTO features an exchangeable shaft providing 6 or 21 splines and offers four speeds 540/540E/1000/1000E rpm.

The electronic control of the PTO always ensures smooth and modulated implement start-up, thereby enhancing operator comfort and reducing maintenance needs.

All four models feature as standard a closed-centre hydraulic system with up to seven electro-hydraulic remote valves and a variable-displacement pump with a flow rate of 123 l/min, while the Efficient version has an open-centre hydraulic system with up to six mechanical remote valves and a flow rate of 88 l/min.

The electronically-controlled rear hitch with draft sensing on the lower links provides a maximum lift capacity of 9300 Kg and allows a precise control of the implement. A radar sensor is also available for operations where true ground speed is required, this can also be used in difficult ground conditions to improve tractive performance and reduce wheel slip.

True versatility can be obtained with a front hitch capable of lifting up to 3500 Kg and a front PTO.

The front axle, either rigid-mounted or with electronically-controlled independent suspensions, offers a 55° steering angle, providing excellent manoeuvrability in confined spaces.

The Premiere Cab is a true high-tech lounge designed to offer the operator a safe functional ergonomic environment with logically-arranged controls for maximum comfort and ease of operation.

The interior features a high-quality, automotive-grade fit and finish that further enhances the operator comfort.



# G-MAX

Tier 3



|  |                 | G 125 MAX | G 135 MAX | G 145 MAX | G 165 MAX |
|--|-----------------|-----------|-----------|-----------|-----------|
| <b>ENGINE</b>  |                 |           |           |           |           |
| "TIER 3" TURBO AIR-TO-AIR INTERCOOLER  |                 | BETAPOWER | BETAPOWER | BETAPOWER | BETAPOWER |
| CYLINDERS / DISPLACEMENT   | CM <sup>3</sup> | 6 / 6728  | 6 / 6728  | 6 / 6728  | 6 / 6728  |
| MAX. POWER (ISO)   | HP/KW           | 117 / 86  | 133 / 98  | 141 / 104 | 157 / 116 |
| MAX. TORQUE  | NM              | 515       | 590       | 625       | 691       |
| FUEL TANK CAPACITY   |                 | 260       | 260       | 260       | 260       |
| <b>TRANSMISSION</b>  |                 |           |           |           |           |
| SPEED SIX + MECH. REV. SHUTTLE 18FWD + 18REV (STD VERSION)                               |                 | ●         | ●         | ●         | ●         |
| SPEED SIX + CREEPER + MECH. REV. SHUTTLE 36FWD + 36REV (STD VERSION)                     |                 | ○         | ○         | ○         | ○         |
| SPEED SIX + T-TRONIC + REV. POWER SHUTTLE 54FWD + 18REV (E VERSION, ONLY CAB)            |                 | ●         | ●         | ●         | ●         |
| SPEED SIX + T-TRONIC + CREEPER + REV. POWER SHUTTLE 108FWD + 36REV (E VERSION, ONLY CAB) |                 | ○         | ○         | ○         | ○         |
| <b>POWER TAKE-OFF</b>  |                 |           |           |           |           |
| ELECTROHYDRAULIC ENGAGEMENT  |                 | ●         | ●         | ●         | ●         |
| PTO MULTIDISC WET CLUTCH   |                 | ●         | ●         | ●         | ●         |
| 2 SPEEDS 540/1000 RPM  |                 | ●         | ●         | ●         | ●         |
| NET PTO POWER (ISO)  | HP/KW           | 100 / 73  | 114 / 83  | 120 / 88  | 135 / 99  |
| <b>FRONT AXLE</b>  |                 |           |           |           |           |
| RIGID TYPE   |                 | ●         | ●         | ●         | ●         |
| MAX. STEERING ANGLE  |                 | 55°       | 55°       | 55°       | 55°       |
| TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS  |                 | ●         | ●         | ●         | ●         |
| <b>HYDRAULIC POWER LIFT</b>  |                 |           |           |           |           |
| MECHANICALLY OPERATED (STD VERSION)  |                 | ●         | ●         | ●         | ●         |
| ELECTRONICALLY-CONTROLLED POWER LIFT (E VERSION, ONLY CAB)                               |                 | ●         | ●         | ●         | ●         |
| LIFT CAPACITY  | KG              | 7000      | 7000      | 7000      | 8400      |
| <b>CAB AND DRIVING SEAT</b>  |                 |           |           |           |           |
| "DELUXE" CAB   |                 | ●         | ●         | ●         | ●         |
| AIR-CONDITIONING   |                 | ●         | ●         | ●         | ●         |
| MECHANICAL / PNEUMATIC - SUSPENSION SEAT FOR CAB   |                 | ● / ○     | ● / ○     | ● / ○     | ● / ○     |
| PLATFORM SUSPENDED ON SILENT-BLOCKS  |                 | ●         | ●         | ●         | ●         |
| <b>DIMENSIONS AND WEIGHTS</b>  |                 |           |           |           |           |
| WHEELBASE  | MM              | 2800      | 2800      | 2800      | 2800      |
| WEIGHT (WITHOUT BALLAST) + (200 KG CAB)  | KG              | 5800      | 5800      | 5800      | 6050      |

Key: ● standard ○ option — not available

The new G-MAX tractor range comes to the market after extensive restyling. Updates include a new "Deluxe" four-post cab with large glazed areas and ergonomically arranged controls for the cab version and a revamped platform with newly designed dashboard and controls for the platform version. The sloping line of the hood reflecting the McCormick family style, along with the new cab and platform design, provides unobstructed view in all directions, thereby improving manoeuvrability and driving comfort.

The new G-Max offers a choice of two transmissions: a Speed Six mechanical transmission (18FWD+18REV) for the (STD version) and a T-Tronic electronic transmission (54FWD+18REV) with Declutch control and Reverse Power Shuttle for the (E version). Both transmissions can be optionally equipped with a creeper, making this tractor equally suited for both field work and road transport operations.

The PTO with wet multi-disc clutch is electrohydraulically operated via a push-button. The hydraulic system delivers a maximum flow rate of 125 l/min and the power lift with twin assistor rams provides a lift capacity of up to 8400 kg. The system also features five auxiliary control valves for the maximum versatility of use.

The four G-Max models are powered by the very latest generation of Betapower 6-cylinder turbo engines with air-to-air intercooler, meeting the Tier3 emission standards. The new engines deliver 117, 133, 141 and 157 Hp (ISO ratings), respectively, while providing exceptional torque levels.







**NEW**



**McCORMICK**





# D-MAX

## Tier 3

Specially developed for non-European markets, the new D-Max series is offered in cab and platform versions. Featuring a simple and rugged design, this tractor is extremely user-friendly and easy to service and can work many hours without stopping to refuel, making it ideal to tackle virtually any tasks in the field and around the farm.

The D-Max 115 and 125 models are powered by FPT NEF4-2V 4.5-liter, 4-cylinder turbo engines that meet the Tier 3 emissions regulations and deliver 112 and 120 hp, respectively. Both models feature a Speed Four modular transmission with four synchronized gears in three ranges and a left hand steering-column power shuttle. Optionally, the tractor can be equipped with an electrohydraulic T-Tronic transmission that features a 3-speed powershift (H-M-L) and an electrohydraulic power shuttle. A creep speed transmission is available as an option for both versions. Offered as standard is a two-speed PTO with electrohydraulic control and multi-disc wet clutch. Both four-wheel drive and differential locks are engaged electrohydraulically, which makes driving the tractor with implements attached a lot easier.

The hydraulic system features as standard a double pump that delivers 66 l/m and 29 l/min to the hitch and steering, respectively. A closed-centre system with a high-flow pump providing 110+38 l/min can be supplied as an option. The tractor comes standard with two remote valves to operate implement hydraulic functions. The rear hitch with 50mm twin assistor rams is mechanically controlled and ensures a lift capacity of 4500 kg. For more precise implement control, the version with closed-centre hydraulics can be equipped with an electronically controlled rear hitch with the same lifting capacity as the mechanical one.

The Deluxe four-post cab offers total comfort for long hours of fatigue-free operation in the field. The version with iso-mounted platform is equally comfortable as the cab version. The folding ROPS can be optionally equipped with a sun canopy.

|  |                 | D-115 MAX | D-125 MAX |
|--|-----------------|-----------|-----------|
| <b>ENGINE</b>  |                 |           |           |
| FPT TIER 3A  |                 | NEF 4-2V  | NEF 4-2V  |
| CYLINDERS / DISPLACEMENT   | CM <sup>3</sup> | 4 / 4485  | 4 / 4485  |
| MAX. POWER ISO   | KW              | 82.5      | 88        |
| MAX. TORQUE  | NM              | 510       | 515       |
| FUEL TANK CAPACITY   | LT              | 180       | 180       |
| <b>TRANSMISSION</b>  |                 |           |           |
| MECH. REV. SHUTTLE + SPEED FOUR: 12FWD + 12REV 25 MPH (40KM/H)                     |                 | ●         | ●         |
| MECH. REV. SHUTTLE + SPEED FOUR + CREEPER: 16FWD + 16REV 25 MPH (40KM/H)           |                 | ○         | ○         |
| HIDR. REV. SHUTTLE + SPEED FOUR + T-TRONIC: 36FWD + 12REV 25 MPH (40KM/H)          |                 | ○         | ○         |
| HIDR. REV. SHUTTLE + SPEED FOUR + T-TRONIC + CREEPER: 48FWD+16REV 25 MPH (40KM/H)  |                 | ○         | ○         |
| SHUTTLE MODULATION CONTROL: POTENTIOMETER FOR ADJUSTMENT OF POWER SHUTTLE RESPONSE |                 | ○         | ○         |
| <b>POWER TAKE-OFF</b>  |                 |           |           |
| WET MULTI-DISC   |                 | ●         | ●         |
| ELECTROHYDRAULIC CONTROL   |                 | ●         | ●         |
| 2 SPEEDS 540/1000 RPM  |                 | ●         | ●         |
| 2 SPEEDS 540/540E RPM  |                 | ○         | ○         |
| GROUND SPEED PTO   |                 | ○         | ○         |
| <b>FRONT 4WD AXLE</b>  |                 |           |           |
| ELECTROHYDRAULIC 4WD ENGAGEMENT  |                 | ●         | ●         |
| MAX. STEERING ANGLE  |                 | 55°       | 55°       |
| TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCKS  |                 | ●         | ●         |
| <b>HYDRAULIC POWER LIFT</b>  |                 |           |           |
| MECHANICALLY OPERATED  |                 | ●         | ●         |
| ELECTRONICALLY-OPERATED  |                 | ○         | ○         |
| LIFTING CAPACITY WITH TWO 2-INCH (50MM) ASSISTOR RAMS                              | KG              | 4500      | 4500      |
| REMOTE VALVES STD/OPT  |                 | 2/3       | 2/3       |
| <b>CAB AND DRIVING SEAT</b>  |                 |           |           |
| SUSPENDED PLATFORM   |                 | ●         | ●         |
| DELUXE CAB / RADIO ADAPTOR   |                 | ○         | ○         |
| AIR-CONDITIONING   |                 | ○         | ○         |
| <b>DIMENSIONS AND WEIGHTS (IN RUNNING ORDER)</b>                                   |                 |           |           |
| WHEELBASE 4WD  | MM              | 2540      | 2540      |
| WEIGHT (WITHOUT BALLAST) 4WD + CAB 350 KG  | KG              | 4200      | 4200      |

**Key:** ● standard ○ option — not available



# T-MAX

Tier 3

Building on the best features from the C-Max and X60 models, the T-Max range offers McCormick's state-of-the-art technology in a tractor that combines outstanding performance and reliability with unbeatable comfort and ergonomics.

Available in both platform and cab versions, the new T-Max series sports a restyled hood and new taillights reflecting the brand's distinctive family styling.

The range features as standard a Speed Four modular transmission with four synchronized gears and three mechanical speed ranges and a hydraulic wet multi-disc PTO clutch.

The entry level 12+12 speed transmission is available in both 30 km/h and 40 km/h versions. An intermediate version with synchro shuttle and overdrive transmission (Synchro Shuttle version) provides 24+12 speeds. A brand new feature is the hydraulic power shuttle combined with a T-Tronic three-shift option (H-M-L) which triples the gears of the base transmission providing in total 36 forward and 12 reverse speeds (Power Shuttle version). A creep speed unit is available as an option on both the Synchro Shuttle 2WD and Power Shuttle versions.

The Power Shuttle version is equipped with a de-clutch control allowing the operator to change gear by simply pressing the button on the gear lever without using the clutch pedal. The de-clutch system is operated by an electronic control unit which also controls the power shuttle, the T-Tronic transmission and the PTO. The PTO offers three speeds – 540, 750 (540 Eco) and 1000 rpm, to suit the different versions. The mechanical power lift (electronic power lift only on the Power Shuttle version) is equipped with draft control function on the lower links.

The T-Max series comprises four models, all meeting the Tier 3 emission standards: a turbocharged model, the 90, and three turbo-aftercooled models, the 100, 110 and 115.

|  | T 90 MAX (T3)   |               | T 100 MAX (T3)  |               | T 110 MAX (T3)  |               | T 115 MAX (T3)  |               |
|--|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|
|  | SYNCHRO SHUTTLE | POWER SHUTTLE | SYNCHRO SHUTTLE | POWER SHUTTLE | SYNCHRO SHUTTLE | POWER SHUTTLE | SYNCHRO SHUTTLE | POWER SHUTTLE |
| <b>ENGINE</b>  |                 |               |                 |               |                 |               |                 |               |
| PERKINS "TIER3" DIRECT-INJECTION ENGINE  |                 | 1104D-44T     | 1104D-44TA      | 1104D-44TA    | 1104D-44TA      | 1104D-44TA    | 1104D-44TA      | 1104D-44TA    |
| CYLINDERS / DISPLACEMENT   | CM³             | 4 / 4400      | 4 / 4400        | 4 / 4400      | 4 / 4400        | 4 / 4400      | 4 / 4400        | 4 / 4400      |
| MAX. POWER (ISO)   | HP/KW           | 83/61         | 92,5/68         | 102/75        | 102/75          | 110/81        | 110/81          | 110/81        |
| MAX. TORQUE  | NM              | 352           | 393             | 416           | 416             | 410           | 410             | 410           |
| FUEL TANK CAPACITY   | LT              | 70            | 75              | 83            | 83              | -             | -               | -             |
| <b>TRANSMISSION</b>  |                 |               |                 |               |                 |               |                 |               |
| MECH. REV. SHUTTLE+SPEED FOUR: 12FWD+12REV (2WD ONLY)                                    |                 | ●             | ●               | ●             | ●               | -             | -               | -             |
| MECH. REV. SHUTTLE+SPEED FOUR+CREEPER: 16FWD+16REV (2WD ONLY)                            |                 | ○             | ○               | ○             | ○               | -             | -               | -             |
| MECH. REV. SHUTTLE+SPEED FOUR+OVERDRIVE: 24FWD+12REV (40 KM/H)                           |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| HYDR. REV. SHUTTLE+SPEED FOUR: 12FWD+12REV   |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| INV. HYDR.+SPEED FOUR+CREEPER 16FWD+16REV  |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| HYDR. REV. SHUTTLE+SPEED FOUR+T-TRONIC 36FWD+12REV (40KM/H)                              |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| HYDR. REV. SHUTTLE+SPEED FOUR+T-TRONIC+CREEPER 48FWD+16REV (40KM/H)                      |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| SHUTTLE MODULATION CONTROL: POTENTIOMETER FOR ADJUSTMENT OF POWER SHUTTLE AGGRESSIVENESS |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| <b>POWER TAKE-OFF</b>  |                 |               |                 |               |                 |               |                 |               |
| OIL-IMMERSED MULTI-DISC HYDRA P.T.O  |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| 2 SPEEDS 540/570 RPM   |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| GROUND SPEED PTO   |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| NET PTO POWER (ISO)  | HP/KW           | 70,5/52       | 79/58           | 86,5/63,5     | 86,5/63,5       | 93,5/68,5     | 93,5/68,5       | 93,5/68,5     |
| <b>HYDRAULIC POWER LIFT</b>  |                 |               |                 |               |                 |               |                 |               |
| MECHANICALLY OPERATED WITH E.L.S. (ERGONOMIC LIFT SYSTEM)                                |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| ELECTRONICALLY-OPERATED "LANDTRONIC"   |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| LIFTING CAPACITY WITH 2 AUXILIARY CYLINDERS IN 2 (MM 50)                                 | NM              | 4350          | 4350            | 4350          | 4350            | 4350          | 4350            | 4350          |
| STD AUXILIARY VALVES NR° STD/OPT   |                 | 2 / 4         | 2 / 4           | 2 / 4         | 2 / 4           | 2 / 4         | 2 / 4           | 2 / 4         |
| <b>CAB AND DRIVING SEAT</b>  |                 |               |                 |               |                 |               |                 |               |
| AIR-CONDITIONING   |                 | ○             | ○               | ○             | ○               | ○             | ○               | ○             |
| SUSPENDED PLATFORM   |                 | ●             | ●               | ●             | ●               | ●             | ●               | ●             |
| <b>DIMENSIONS AND WEIGHTS</b>  |                 |               |                 |               |                 |               |                 |               |
| WHEELBASE 2RM/4RM  | MM              | 2365/2340     | 2365/2340       | 2365/2340     | 2365/2340       | 2365/2340     | 2365/2340       | 2365/2340     |
| TOTAL WEIGHT WITHOUT BALLAST 4WD PLATFORM / CAB  | KG              | 3650/3850     | 3650/3850       | 3650/3850     | 3650/3850       | 3650/3850     | 3650/3850       | 3650/3850     |

Key: ● standard ○ option — not available





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McCORMICK



# C-MAX

Tier 0 - Tier 3



|   | C 110 MAX       |                | C 90 MAX       |           | C 100 MAX                  |           | C 110 MAX                  |           |
|---|-----------------|----------------|----------------|-----------|----------------------------|-----------|----------------------------|-----------|
|   | STD             | HC             | STD            | HC        | STD                        | HC        | STD                        | HC        |
| <b>ENGINE</b>   | TIER 0          |                | TIER 3         |           | TIER 3                     |           | TIER 3                     |           |
| PERKINS DIRECT-INJECTION ENGINE   | 1104A-44T       |                | 1104D-44       |           | 1104D-44TA                 |           | 1104D-44TA                 |           |
| CYLINDERS / DISPLACEMENT  | CM <sup>3</sup> | 4 / 4400 TURBO | 4 / 4400 TURBO |           | 4 / 4400 TURBO AFTERCOOLER |           | 4 / 4400 TURBO AFTERCOOLER |           |
| MAX. POWER (ISO)  | HP/KW           | 106.8/78.5     | 83/61          |           | 92.5/68                    |           | 102/75                     |           |
| MAX. TORQUE   | NM              | 400            | 352            |           | 363                        |           | 416                        |           |
| FUEL TANK CAPACITY  | LT              | 102            | 102            |           | 102                        |           | 102                        |           |
| <b>TRANSMISSION</b>   |                 |                |                |           |                            |           |                            |           |
| SYNCHRO SHUTTLE + SPEED FOUR: 12FWD+12REV                                   |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| SYNCHRO SHUTTLE + SPEED FOUR + UNDERDRIVE: 24FWD+12REV (30 KM/H) (ONLY 2WD) |                 | -              | ●              |           | ●                          |           | ●                          |           |
| SYNCHRO SHUTTLE + SPEED FOUR + CREEPER: 24FWD+12REV (30 KM/H)               |                 | ○              | ○              |           | ○                          |           | ○                          |           |
| SYNCHRO SHUTTLE + SPEED FOUR + OVERDRIVE: 24FWD+12REV (40 KM/H) (ONLY 4WD)  |                 | ○              | ○              | -         | ○                          | -         | ○                          | -         |
| ELECTROHYDRAULIC REAR DIFFERENTIAL LOCK (ONLY 2WD)                          |                 | -              | ●              |           | ●                          |           | ●                          |           |
| <b>POWER TAKE-OFF</b>   |                 |                |                |           |                            |           |                            |           |
| MECHANICAL CONTROL  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| 2 SPEEDS 540/750 RPM  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| 2 SPEEDS 540/1000 RPM   |                 | ○              | ○              |           | ○                          |           | ○                          |           |
| GROUND SPEED PTO  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| NET PTO POWER (ISO)   | HP/KW           | 98 / 72        | 70.5 / 52      |           | 79 / 58                    |           | 86.5 / 63.5                |           |
| <b>FRONT 4WD AXLE</b>   |                 |                |                |           |                            |           |                            |           |
| MECHANICAL 4WD ENGAGEMENT   |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| MAX. STEERING ANGLE   |                 | 55°            | 55°            |           | 55°                        |           | 55°                        |           |
| TWIN-LOCK ELECTROHYDRAULIC DIFF-LOCK  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| <b>HYDRAULIC HITCH</b>  |                 |                |                |           |                            |           |                            |           |
| STD LIFT CAPACITY   | KG              | 2600           | 2600           |           | 2600                       |           | 2600                       |           |
| LIFT CAPACITY WITH 2 AUXIL. CYLINDERS                                       | KG              | 4350 ○         | 3700 ○         |           | 3700 ○                     |           | 4350 ○                     | 3700 ○    |
| STD AUXILIARY VALVES  |                 | 2              | 2              |           | 2                          |           | 2                          |           |
| <b>CAB AND DRIVING POSITION</b>   |                 |                |                |           |                            |           |                            |           |
| "DELUXE" CAB / RADIO ADAPTOR  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| AIR-CONDITIONING  |                 | ○              | ○              |           | ○                          |           | ○                          |           |
| ISO-MOUNTED PLATFORM  |                 | ●              | ●              |           | ●                          |           | ●                          |           |
| <b>DIMENSIONS IN RUNNING ORDER</b>  |                 |                |                |           |                            |           |                            |           |
| WHEELBASE 2WD/4WD   | MM              | 2365/2340      | 2341/2316      | 2255/2230 | 2341/2316                  | 2255/2230 | 2365/2340                  | 2255/2230 |
| WEIGHT 4WD (WITHOUT BALLAST) + (150KG CAB)                                  | KG              | 3450           | 3330           | 3460      | 3330                       | 3460      | 3450                       | 3500      |

Key: ● standard ○ option — not available

The new C-Max series is a range of simple and modern tractors. Available in both platform and cab versions, the C-Max tractors are powered by ecofriendly, fuel-efficient Perkins 1104D engines that deliver 74, 83, 92.5 and 102 hp/ISO and meet the Tier 3 emission regulations. Featuring an advanced fuel injection system that optimizes air-fuel mixture and enhances combustion efficiency, these engines combine high power and torque levels with low running costs. The C-Max 110 is also available in a turbocharged version powered by a Tier0 1104-44T engine that develops 106.8 hp/ISO. The hood, fully restyled to reflect the new family styling, provides unobstructed view in all directions and opens wide to provide easy access to the engine compartment for service and maintenance.

The synchro shuttle transmission offers four gears in three ranges providing 12 speeds forward and 12 reverse. A 30 km/h transmission is available with either an underdrive (standard on the 2WD version) or a creep speed option. An overdrive option with 40 km/h maximum speed is also available for the 4WD models. The C-Max also offers a high-clearance version (HC) for both the two- and four-wheel drive models. Rotating the rear drop-down final drives and using special front axles and tall, narrow tyres result in higher belly clearance, making this tractor ideal for working in specialty crops such as rice fields and inter-row crops.

The fully-glazed Deluxe cab with its roof-mounted air conditioning system and logically arranged controls offers the operator a functional and comfortable working environment for maximum ease of operation. Offering a wide choice of models and versions, the C-Max range is designed for productivity, versatility and comfort.



# B-MAX

Tier 0 - Tier 3



The new B-Max series is a restyled version of its predecessor. Supplied in both two- and four-wheel drive configurations, this low-cost tractor combines simple design with performance, reliability and durability.

Six models in the range are all powered by Perkins 1104D-44 naturally aspirated and turbocharged four-cylinder engines that deliver high torque backup and quiet, eco-friendly performance while ensuring excellent fuel economy. The B-Max 90B, 100B and 110B models feature Tier 0 engines, while the B-Max 90, 100 and 110 models are powered by engines meeting Tier 3 emissions regulations.

The B-Max T0-T3 tractor range features as standard a modular transmission with four speeds in three ranges providing 12 forward and 4 reverse gears with a maximum speed of 30 km/h. The base gearbox can be optionally equipped with a steering-column synchro shuttle to provide 12 forward and 12 reverse speeds and with a creeper unit providing up to 16 forward and 16 reverse speeds.

The operator comfort is ensured by a spacious driver's platform which can be optionally equipped with a plastic footboard and either square or round fenders. The driving position features an adjustable sprung seat and ergonomically arranged controls for maximum comfort and ease of operation. The two-post ROPS can be optionally equipped with a sun canopy. Available as an option, the Deluxe cab is fully glazed and equipped with a roof-mounted air conditioning system. The sloping hood, updated with the new McCormick family styling, offers improved visibility and provides easy access to the engine compartment for service and maintenance.

|  |                 | <b>B90B MAX</b><br>TIER 0 | <b>B100B MAX</b><br>TIER 0 | <b>B110B MAX</b><br>TIER 0 | <b>B 90 MAX</b><br>TIER 3 | <b>B 100 MAX</b><br>TIER 3 | <b>B 110 MAX</b><br>TIER 3 |
|--|-----------------|---------------------------|----------------------------|----------------------------|---------------------------|----------------------------|----------------------------|
| <b>ENGINE</b>  |                 |                           |                            |                            |                           |                            |                            |
| DIRECT-INJECTION PERKINS ENGINE                            |                 | 1104A-44                  | 1104A-44T                  | 1104A-44T                  | 1104D-44T                 | 1104D-44T                  | 1104D-44T                  |
| CYLINDERS / DISPLACEMENT                                   | CM <sup>3</sup> | 4 / 4400                  | 4 / 4400<br>TURBO          | 4 / 4400<br>TURBO          | 4 / 4400<br>TURBO         | 4 / 4400<br>TURBO AFT.     | 4 / 4400<br>TURBO AFT.     |
| MAX POWER ISO  | HP/KW           | 87.7 / 64.5               | 97.3 / 71.5                | 106.8 / 78.5               | 83 / 61                   | 92.5 / 68                  | 102 / 75                   |
| MAX. TORQUE  | NM              | 305                       | 366                        | 400                        | 345                       | 384                        | 416                        |
| FUEL TANK CAPACITY   | LT              | 90                        | 90                         | 90                         | 90                        | 90                         | 90                         |
| <b>TRANSMISSION</b>  |                 |                           |                            |                            |                           |                            |                            |
| BASE GEARBOX: 12FWD + 4REV                                 |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| REVERSE SHUTTLE + BASE GEARBOX: 12FWD + 12REV              |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| REVERSE SHUTTLE + BASE GEARBOX + CREEPER:<br>16FWD + 16REV |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| <b>POWER TAKE-OFF</b>                                      |                 |                           |                            |                            |                           |                            |                            |
| MECHANICAL ENGAGEMENT                                      |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| 1 SPEEDS 540 RPM   |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| 2 SPEEDS 540/750 RPM                                       |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| 2 SPEEDS 540/1000 RPM                                      |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| GROUND SPEED PTO   |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| NET PTO POWER ISO  | HP/KW           | 81/59.7                   | 90/66                      | 98.8/72.7                  | 77/56.5                   | 85.5/62.5                  | 94.4/69.4                  |
| <b>4WD FRONT AXLE</b>                                      |                 |                           |                            |                            |                           |                            |                            |
| 4WD MECHANICAL ENGAGEMENT                                  |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| MAXIMUM STEERING ANGLE                                     |                 | 55°                       | 55°                        | 55°                        | 55°                       | 55°                        | 55°                        |
| TWIN-LOCK HYDRAULIC DIFF LOCK                              |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| <b>HYDRAULIC POWER LIFT</b>                                |                 |                           |                            |                            |                           |                            |                            |
| ERGONOMIC LIFT SYSTEM                                      |                 | -                         | -                          | -                          | ○                         | ○                          | ○                          |
| STD LIFTING POWER  | KG              | 3000                      | 3000                       | 3000                       | 3000                      | 3000                       | 3000                       |
| LIFTING POWER WITH 2 ADDITIONAL CYLINDERS                  | KG              | 4520 ○                    | 5000 ○                     | 5000 ○                     | 4520 ○                    | 4520 ○                     | 5000 ○                     |
| STANDARD AUXILIARY VALVES STD / OPT                        |                 | 1/2                       | 1/2                        | 1/2                        | 1/2                       | 1/2                        | 1/2                        |
| <b>CAB AND DRIVING POSITION</b>                            |                 |                           |                            |                            |                           |                            |                            |
| DELUXE CAB / RADIO ADAPTOR                                 |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| AIR CONDITIONING   |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| STANDARD SPRUNG SEAT                                       |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| ANALOGIC CONTROL PANEL                                     |                 | ●                         | ●                          | ●                          | ●                         | ●                          | ●                          |
| RIGID SUNROOF  |                 | ○                         | ○                          | ○                          | ○                         | ○                          | ○                          |
| <b>WEIGHTS AND DIMENSIONS (IN RUNNING ORDER)</b>           |                 |                           |                            |                            |                           |                            |                            |
| WHEELBASE 2WD/4WD  | MM              | 2224/2317                 | 2247/2340                  | 2247/2340                  | 2224/2317                 | 2224/2317                  | 2247/2340                  |
| WEIGHT (WITHOUT BALLAST) 4WD                               | KG              | 3370                      | 3450                       | 3450                       | 3370                      | 3450                       | 3450                       |

Key: ● standard ○ option — not available



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**McCORMICK**



# B-MAX

Tier 0 - Tier 2

|   |                 | B75B MAX<br>TIER 0 | B85B MAX<br>TIER 0 | B 75 MAX<br>TIER 2 | B 85 MAX<br>TIER 2 |
|---|-----------------|--------------------|--------------------|--------------------|--------------------|
| <b>ENGINE</b>   |                 |                    |                    |                    |                    |
| DIRECT-INJECTION PERKINS ENGINE                         |                 | 1104A-44           | 1104A-44           | 1104C-44           | 1104C-44           |
| CYLINDERS / DISPLACEMENT                                | CM <sup>3</sup> | 4 / 4400           | 4 / 4400           | 4 / 4400           | 4 / 4400           |
| MAX POWER ISO   | HP/KW           | 73.4/54            | 83.6/61.5          | 73.4/54            | 81.6/60            |
| MAX. TORQUE   | NM              | 261                | 292                | 290                | 292                |
| FUEL TANK CAPACITY                                      | LT              | 90                 | 90                 | 90                 | 90                 |
| <b>TRANSMISSION</b>                                     |                 |                    |                    |                    |                    |
| BASE GEARBOX: 12FWD + 4REV                              |                 | ●                  | ●                  | ●                  | ●                  |
| REVERSE SHUTTLE + BASE GEARBOX: 12FWD + 12REV           |                 | ○                  | ○                  | ○                  | ○                  |
| REVERSE SHUTTLE + BASE GEARBOX + CREEPER: 16FWD + 16REV |                 | ○                  | ○                  | ○                  | ○                  |
| <b>POWER TAKE-OFF</b>                                   |                 |                    |                    |                    |                    |
| MECHANICAL ENGAGEMENT                                   |                 | ●                  | ●                  | ●                  | ●                  |
| 1 SPEEDS 540 RPM  |                 | ●                  | ●                  | ●                  | ●                  |
| 2 SPEEDS 540/750 RPM                                    |                 | ○                  | ○                  | ○                  | ○                  |
| 2 SPEEDS 540/1000 RPM                                   |                 | ○                  | ○                  | ○                  | ○                  |
| GROUND SPEED PTO  |                 | ●                  | ●                  | ●                  | ●                  |
| NET PTO POWER ISO                                       | HP/KW           | 68.5/50.5          | 76/56              | 68.5/50.5          | 75.5/55.5          |
| <b>4WD FRONT AXLE</b>                                   |                 |                    |                    |                    |                    |
| 4WD MECHANICAL ENGAGEMENT                               |                 | ●                  | ●                  | ●                  | ●                  |
| MAXIMUM STEERING ANGLE                                  |                 | 55°                | 55°                | 55°                | 55°                |
| TWIN-LOCK HYDRAULIC DIFF LOCK                           |                 | ○                  | ○                  | ○                  | ○                  |
| <b>HYDRAULIC POWER LIFT</b>                             |                 |                    |                    |                    |                    |
| STD LIFTING POWER                                       | KG              | 3000               | 3000               | 3000               | 3000               |
| LIFTING POWER WITH 2 ADDITIONAL CYLINDERS               | KG              | 4520 ○             | 4520 ○             | 4520 ○             | 4520 ○             |
| STANDARD AUXILIARY VALVES STD / OPT                     |                 | 1/2                | 1/2                | 1/2                | 1/2                |
| <b>DRIVER SEAT</b>                                      |                 |                    |                    |                    |                    |
| STANDARD SPRUNG SEAT                                    |                 | ●                  | ●                  | ●                  | ●                  |
| ANALOGIC CONTROL PANEL                                  |                 | ●                  | ●                  | ●                  | ●                  |
| RIGID SUNROOF   |                 | ○                  | ○                  | ○                  | ○                  |
| <b>WEIGHTS AND DIMENSIONS (IN RUNNING ORDER)</b>        |                 |                    |                    |                    |                    |
| WHEELBASE 2WD/4WD                                       | MM              | 2224/2317          | 2224/2317          | 2224/2317          | 2224/2317          |
| WEIGHT (WITHOUT BALLAST) 4WD                            | KG              | 3147               | 3147               | 3147               | 3147               |

**Key:** ● standard ○ option — not available



The B-Max T0-T2 tractor range is the successor to the MB Series. Supplied in both two- and four-wheel drive versions, this low-cost tractor combines a simple design with performance, reliability and durability. Four models in the range are all powered by Perkins 1100C-44 series four-cylinder engines that deliver high torque backup and quiet, eco-friendly performance while ensuring excellent fuel economy. The B-Max 75B and 85B models feature Tier 0 engines, while the B-Max 75 and 85 models are powered by engines meeting Tier 2 emissions regulations.

The B-Max T0-T2 tractor range features as standard a modular transmission with four gears in three ranges providing 12 forward and 4 reverse speeds. The base gearbox can be optionally equipped with a steering-column synchro shuttle to provide 12 forward and 12 reverse speeds and with a creeper providing up to 16 forward and 16 reverse speeds. The operator comfort is ensured by a spacious driver platform which can be optionally equipped with a plastic footboard and either square or round fenders. The driving position features an adjustable sprung seat and ergonomically arranged controls for maximum comfort and ease of operation. The two-post ROPS can be optionally equipped with a sun canopy. The sloping hood, updated with the new McCormick family styling, offers improved visibility and provides easy access to the engine compartment for service and maintenance.



# MB

Tier 0 - Tier 2



Thanks to their outstanding features McCormick MB75, MB85 Tier2 and MB 85 Tier0 models, in both 2 and 4WD version, can be considered ideal for a global utilization.

Featuring a simple, economy-driven design, the MB Series tractors deliver excellent performance and functionality for maximum reliability and extended life.

The new environment-friendly Perkins "Tier2" 1104C Series end "Tier0" 1100A series 4-cylinders engines offer high fuel efficiency, low noise and reduced emissions while delivering a high torque backup.

The modular transmission provides, as standard, 3 ranges and 4 speeds in each range, resulting in a total 12 forward and 4 reverse speeds and comes in three versions for a maximum speed of 30 km per hour.

The second option provides 12 forward and 12 reverse speeds with mechanical reverse shuttle.

A creep speed option is available on request to achieve 24 forward and 12 reverse speeds.

The driver's seat is equipped with a fully adjustable sprung seat to maximise the driving comfort.

The ergonomically-arranged controls make the operator's work easier and more comfortable. The forward tilting hood gives easy access to the engine for maintenance operations.

The four-post rops can be equipped with a sun canopy.

The models in the MB Series can be equipped with three different transmission options for maximum versatility and productivity.

|  | MB 85<br>TIER 0          | MB 75<br>TIER 2 | MB 85<br>TIER 2 |
|--|--------------------------|-----------------|-----------------|
| <b>ENGINE</b>  |                          |                 |                 |
| PERKINS DIRECT-INJECTION ENGINE                            | 1104A-44                 | 1104C-44        | 1104C-44        |
| CYLINDERS / DISPLACEMENT                                   | CM <sup>3</sup> 4 / 4400 | 4 / 4400        | 4 / 4400        |
| MAX. POWER (ISO)   | HP/KW 83,6 / 61,5        | 74 / 54,5       | 81,6 / 60       |
| MAX. TORQUE  | NM 289                   | 290             | 292             |
| FUEL TANK CAPACITY   | LT 86                    | 86              | 86              |
| <b>TRANSMISSION</b>  |                          |                 |                 |
| BASE GEARBOX 12FWD + 4REV                                  | ○                        | ○               | ○               |
| MECH. REV. SHUTTLE + BASE GEARBOX: 12FWD + 12REV           | ●                        | ●               | ●               |
| MECH. REV. SHUTTLE + BASE GEARBOX + CREEPER: 24FWD + 12REV | ○                        | ○               | ○               |
| <b>POWER TAKE-OFF</b>                                      |                          |                 |                 |
| MECHANICAL CONTROL   | ●                        | ●               | ●               |
| 2 SPEEDS 540/750 RPM                                       | ●                        | ●               | ●               |
| 2 SPEEDS 540/1000 RPM                                      | ○                        | ○               | ○               |
| GROUND SPEED PTO   | ●                        | ●               | ●               |
| NET PTO POWER (ISO)  | HP/KW 76 / 56            | 68,5 / 50,5     | 75,5 / 55,5     |
| <b>FRONT AXLE</b>  |                          |                 |                 |
| MECHANICAL 4WD ENGAGEMENT                                  | ●                        | ●               | ●               |
| MAX. STEERING ANGLE  | 55°                      | 55°             | 55°             |
| <b>HYDRAULIC POWER LIFT</b>                                |                          |                 |                 |
| STD LIFTING CAPACITY                                       | KG 3000                  | 3000            | 3000            |
| LIFTING POWER WITH ADDITIONAL CYLINDERS                    | KG 4350 ○                | 4350 ○          | 4350 ○          |
| <b>DRIVING SEAT</b>  |                          |                 |                 |
| SPRUNG SEAT  | ●                        | ●               | ●               |
| ANALOG INSTRUMENTS   | ●                        | ●               | ●               |
| 4 POST SAFETY FRAME  | ●                        | ●               | ●               |
| <b>DIMENSIONS AND WEIGHTS</b>                              |                          |                 |                 |
| WHEELBASE 2WD / 4WD  | MM 2340 / 2316           | 2340 / 2316     | 2340 / 2316     |
| WEIGHT (WITHOUT BALLAST) 4WD                               | KG 3147                  | 3147            | 3147            |

Key: ● standard ○ option — not available







**NEW**



**MCCORMICK**



# A-MAX

## Tier 0 - Tier 3



Specially developed to replace the C-L tractor family, the A-Max series is a new range of sturdy, simple tractors designed to deliver new levels of performance.

The A-Max series incorporates advanced technical solutions that minimise operating costs while providing a perfect combination of ruggedness and reliability, making this tractor ideal for field tasks, haymaking and transport operations.

Available in both two- and four-wheel drive configurations, the range is supplied with three different Perkins engine options: two naturally aspirated models – the 1104C-44 (Tier2) for the A-Max 75 and the 1104D-44 (Tier3) for the A-Max 80, and one turbocharged model – the 1104D-44T (Tier3) for the A-Max 90. The range is fitted with a versatile modular transmission specially developed by Argo Tractors. The Speed Four synchro shuttle transmission offers four synchronized gears in three ranges providing 12 forward and 12 reverse speeds. A creep speed unit with 16 forward and 16 reverse gears and speeds as low as 300 m/h is available as an option.

The A-Max tractors feature a mechanically-engaged four-wheel drive system with mechanical rear differential lock and limited slip differential on the front axle. Braking on the rear wheels is ensured by mechanically-actuated ramp brakes.

The open-centre hydraulic system delivers a flow rate of 42 l/min to operate the hitch and up to two remote valves. The rear hitch provides a maximum lift capacity of 2700 kg and the mechanically-operated PTO offers a choice of one or two speeds in addition to the ground speed for maximum versatility of use. Located on an iso-mounted platform, the driving position features an adjustable steering wheel and ergonomically-positioned gear levers for maximum operator comfort. The rear folding ROPS and large, wrap-around fenders ensure maximum protection for the operator. The hood design reflects the new McCormick family styling. The A-Max series will surprise you with its simple design and its ergonomic comfort.

|   |                 | A75 MAX            | A80 MAX            | A90 MAX             |
|---|-----------------|--------------------|--------------------|---------------------|
| <b>ENGINE</b>   |                 |                    |                    |                     |
| PERKINS ENGINE  |                 | TIER 2<br>1104C-44 | TIER 3<br>1104C-44 | TIER 3<br>1104A-44T |
| CYLINDERS / DISPLACEMENT  | CM <sup>3</sup> | 4 / 4400           | 4 / 4400           | 4 / 4400 TURBO      |
| MAX. POWER (ISO)  | HP/KW           | 68,2 / 50,2        | 74,1 / 54,5        | 82/60,3             |
| MAX. TORQUE   | NM              | 273                | 292                | 352                 |
| FUEL TANK CAPACITY  | LT              | 65                 | 65                 | 65                  |
| <b>TRANSMISSION</b>   |                 |                    |                    |                     |
| MECHANICAL REVERSE SHUTTLE + SPEED FOUR 12FWD+12REV (36 KM/H)           |                 | ●                  | ●                  | ●                   |
| MECHANICAL REVERSE SHUTTLE + SPEED FOUR + CREEPER 16FWD+16REV (36 KM/H) |                 | ○                  | ○                  | ○                   |
| MECHANICAL REAR DIFFERENTIAL LOCK                                       |                 | ●                  | ●                  | ●                   |
| <b>POWER TAKE-OFF</b>   |                 |                    |                    |                     |
| MECHANICAL CONTROL BY LEVER   |                 | ●                  | ●                  | ●                   |
| 1 SPEED (540 RPM)   |                 | ●                  | ●                  | ●                   |
| GROUND SPEED PTO  |                 | ●                  | ●                  | ●                   |
| <b>4WD FRONT AXLE WITHOUT BRAKES</b>                                    |                 |                    |                    |                     |
| MECHANICAL 4WD ENGAGEMENT   |                 | ●                  | ●                  | ●                   |
| MAX. STEERING ANGLE   |                 | 55°                | 55°                | 55°                 |
| LIMITED SLIP DIFFERENTIAL LOCK  |                 | ○                  | ○                  | ○                   |
| <b>HYDRAULIC POWER LIFT</b>   |                 |                    |                    |                     |
| MECHANICALLY OPERATED   |                 | ●                  | ●                  | ●                   |
| LIFT CAPACITY   | KG              | 2700               | 2700               | 2700                |
| NO. OF REMOTE SETS STD / OPT  |                 | 1/2                | 1/2                | 1/2                 |
| <b>DRIVING SEAT</b>   |                 |                    |                    |                     |
| SPRUNG SEAT   |                 | ●                  | ●                  | ●                   |
| ANALOG INSTRUMENTS  |                 | ●                  | ●                  | ●                   |
| REAR FOLDING ROPS   |                 | ●                  | ●                  | ●                   |
| <b>DIMENSIONS AND WEIGHTS</b>   |                 |                    |                    |                     |
| WHEELBASE (4WD)   | MM              | 2130               | 2130               | 2130                |
| WEIGHT (WITHOUT BALLAST)  | KG              | 2860               | 2860               | 2860                |

Key: ● standard ○ option — not available







The F tractor gets an all-new look for 2015 in line with the distinctive family styling introduced on the latest generation of McCormick tractors. The updated F series features a fully redesigned hood and front grille with integrated round headlights, while the decals on the hood sides reflect the new graphics adopted in 2012. The driving position on both cab and platform models has been updated with a new colour for the plastics of the dashboard and side consoles.

The new F series still offer a choice of three transmissions and a variety of front and rear axle solutions, resulting in different wheelbase sizes and track widths. The range comprises three models designed for specific applications:

- F model: (narrow orchard) ideal for work in small-sized, narrow-lane orchards.
- GE model: (low orchard) ideal for work under low orchards and overhead trellis systems.
- XL model: (large orchard) for standard orchards and field work.

The new F tractor offers the same high standards of comfort and performance as its predecessor. The driving position is designed to offer the driver a roomy and comfortable workstation with ergonomically-arranged controls capable of responding more efficiently to the ever more specialized needs of modern farming. Powered by powerful Perkins Tier 3 turbo-aftercooled engines, the new Rex series features a transmission with optional Hi-Lo splitter gear and power shuttle, a PTO with electrohydraulic engagement, an electronically-controlled rear hitch and a variety of hydraulic options. Plus, a tight steering radius provides excellent manoeuvrability, further enhancing the tractor performance and productivity. All these features convert the F tractors into reliable, versatile machines capable of handling a variety of implements with ease and of coping with almost any terrain and crop. The F tractors deliver a unique combination of performance, functional features and efficiency, without compromising on look and comfort.

|  | F70 F/GE<br>(T3)   | F80 F/GE/<br>XL (T3) | F85 F/GE<br>(T3)   | F90 F/GE/<br>XL (T3) | F100 F/GE/<br>XL (T3) | F110 F/GE/<br>XL (T3) | F120 F/GE/<br>XL (T3) |                  |
|--|--------------------|----------------------|--------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------|
|  | SYNCHRO<br>SHUTTLE | POWER<br>SHUTTLE     | SYNCHRO<br>SHUTTLE | POWER<br>SHUTTLE     | SYNCHRO<br>SHUTTLE    | POWER<br>SHUTTLE      | SYNCHRO<br>SHUTTLE    | POWER<br>SHUTTLE |
| <b>ENGINE</b>  |                    |                      |                    |                      |                       |                       |                       |                  |
| PERKINS TIER 3   | 1103D-33TA         | 1104D-44             | 1103D-33TA         | 1104D-44T            | 1104D-44TA            | 1104D-44TA            | 1104D-44TA            |                  |
| MAX. POWER (ISO RATING) HP/KW                                  | 68/50              | 74/54.5              | 79/58              | 83/61                | 92.5/68               | 102/75                | 110.2/81              |                  |
| NO. OF CYLINDERS/TURBO/AFTERCOOLER/<br>WASTEGATE               | 3 / T / A / W      | 4 / —                | 3 / T / A / W      | 4 / T / W            | 4 / T / A / W         | 4 / T / A / W         | 4 / T / A / W         |                  |
| DISPLACEMENT CM <sup>3</sup>                                   | 3300               | 4400                 | 3300               | 4400                 | 4400                  | 4400                  | 4400                  |                  |
| <b>TRANSMISSION</b>  |                    |                      |                    |                      |                       |                       |                       |                  |
| SPEED FIVE+MECH. REV.SHUTTLE:<br>12FWD+12REV                   | F E-LINE           | F E-LINE             | F E-LINE           | F E-LINE             | F E-LINE              | —                     | —                     |                  |
| SPEED FIVE+MECH. REV.SHUTTLE:<br>16FWD+16REV                   | F E-LINE           | F E-LINE             | F E-LINE           | F E-LINE             | F E-LINE              | —                     | —                     |                  |
| SPEED FIVE+MECH. REV.SHUTTLE:<br>15FWD+15REV                   | ●                  | ●                    | ●                  | ●                    | ●                     | ●                     | ●                     |                  |
| SPEED FIVE+CREEPER+MECH.REV.<br>SHUTTLE: 20FWD+20REV           | ○                  | ○                    | ○                  | ○                    | ○                     | ○                     | ○                     |                  |
| SPEED FIVE+POWER FIVE+HYDR. REV.<br>SHUTTLE 30FWD+30REV        | ○                  | ○                    | ○                  | ○                    | ○                     | ○                     | ○                     |                  |
| SPEED FIVE+POWERFIVE+CREEPER+HYDR.<br>REV SHUTTLE: 40FWD+40REV | ○                  | ○                    | ○                  | ○                    | ○                     | ○                     | ○                     |                  |
| <b>POWER TAKE-OFF</b>  |                    |                      |                    |                      |                       |                       |                       |                  |
| 2 SPEEDS 540/750 RPM   | ●                  | ●                    | ●                  | ●                    | ●                     | ●                     | ●                     |                  |
| NET PTO POWER (ISO) HP/KW                                      | 58 / 42.5          | 63 / 46.5            | 68 / 50            | 70 / 51.5            | 77.5 / 57             | 85.5 / 63             | 92.5 / 68             |                  |
| <b>HYDRAULIC SYSTEM</b>  |                    |                      |                    |                      |                       |                       |                       |                  |
| MAX. STD LIFT CAPACITY KG                                      | 2600               | 2600                 | 2600               | 2600                 | 2600                  | 2600                  | 2600                  |                  |
| MAX. PUMP FLOW (HITCH + STEERING) L/MIN                        | 52.3+29.9          | 52.3+29.9            | 52.3+29.9          | 52.3+29.9            | 52.3+29.9             | 52.3+29.9             | 52.3+29.9             |                  |
| <b>DIMENSIONS AND WEIGHTS</b>                                  |                    |                      |                    |                      |                       |                       |                       |                  |
| MIN. WIDTH 4WD F / GE  | MM 1437 / 1413     | 1437 / 1413          | 1437 / 1413        | 1437 / 1413          | 1437 / 1413           | 1437 / 1413           | 1437 / 1413           |                  |
| MIN. WIDTH XL  | MM —               | 1554                 | —                  | 1554                 | 1554                  | 1554                  | 1554                  |                  |
| WEIGHT 4WD F (CAB + 130 KG)                                    | KG 2675            | 2845                 | 2675               | 2845                 | 2845                  | 2845                  | 2845                  |                  |
| WEIGHT GE PLAT. / XL (CAB + 130KG)                             | KG 2480 / —        | 2540 / 2865          | 2480 / —           | 2540 / 2865          | 2540 / 2865           | 2540 / 2865           | 2540 / 2865           |                  |

Key: ● standard ○ option — not available



# F E-LINE

## Tier 2

The F E-LINE wears a new look in line with the distinctive family styling introduced on the latest generation of McCormick tractors.

The new tractor sports a fully restyled hood and front grille with integrated round headlights, while the decals on the hood sides reflect the new look adopted in 2012.

The driving position on both cab and platform models has been updated with a new colour for the plastics of the dashboard and side consoles. The cab version also sports a new colour for the ceiling.

The new F E-LINE, entirely renewed, comes with a transmission featuring 4 speeds over 3 ranges, providing a total of 12FW+12REV speeds, and with mechanical reverse shuttle at the driving wheel. A creeper can be fitted as an option to achieve 16FW+16REV speeds.

A reduced steering radius further enhances performance and productivity where space is at a premium.

In addition to new technology and the available options, the McCormick F E-LINE is equipped with a Perkins engine 1004C (Tier 2) 4-cylinder 81.5 hp / ISO, which guarantees the highest reliability and greater efficiency, thus providing exceptional performance and torque with low operating costs.

A product range combining performance, reliability, comfort and design. This is the great strength of McCormick F E-LINE tractor.

|   | F 85 E-LINE     |                      |
|---|-----------------|----------------------|
| <b>ENGINE</b>   |                 |                      |
| PERKINS DIRECT-INJECTION ENGINE                         |                 | TIER 2               |
| CYLINDERS / DISPLACEMENT                                | CM <sup>3</sup> | 1104C-44<br>4 / 4400 |
| MAX. POWER (ISO)  | HP/KW           | 81,5 / 60            |
| MAX. TORQUE   | NM              | 292                  |
| FUEL TANK CAPACITY STD+OPT                              | LT              | 43+25                |
| <b>TRANSMISSION</b>                                     |                 |                      |
| SPEED FOUR + MECH. REV. SHUTTLE 12FWD + 12REV           |                 | ●                    |
| SPEED FOUR + CREEPER + MECH. REV. SHUTTLE 16FWD + 16REV |                 | ○                    |
| <b>POWER TAKE-OFF</b>                                   |                 |                      |
| POWER-ASSISTED MECHANICAL ENGAGEMENT                    |                 | ●                    |
| 2 SPEEDS 540/750 RPM                                    |                 | ●                    |
| 2 SPEEDS 540/1000 RPM                                   |                 | ○                    |
| NET PTO POWER (ISO)                                     | HP/KW           | 69,5 / 51            |
| <b>FRONT AXLE</b>                                       |                 |                      |
| ELECTROHYDRAULIC 4WD ENGAGEMENT                         |                 | ●                    |
| MAX. STEERING ANGLE                                     |                 | 55°                  |
| 4WD AUTOMATIC ENGAGEMENT ON BRAKING                     |                 | ●                    |
| <b>HYDRAULIC POWER LIFT</b>                             |                 |                      |
| STD LIFTING CAPACITY                                    | KG              | 2600                 |
| <b>CAB AND DRIVING SEAT</b>                             |                 |                      |
| AIR-CONDITIONING  |                 | ●                    |
| SPRUNG SEAT   |                 | ●                    |
| PLATFORM SUSPENDED ON SILENT-BLOCKS                     |                 | ●                    |
| <b>DIMENSIONS AND WEIGHTS</b>                           |                 |                      |
| WHEELBASE 2WD / 4WD                                     | MM              | 2174 / 2134          |
| WEIGHT (WITHOUT BALLAST) 2WD / 4WD                      | KG              | 2615 / 2845          |

Key: ● standard ○ option — not available









**McCORMICK**



|   | F 90 N (T3)     | V 90 (T3)        |             |
|---|-----------------|------------------|-------------|
| <b>ENGINE</b>   |                 |                  |             |
| PERKINS TIER 3  |                 | 1104D-44T        |             |
| MAX. POWER (ISO RATING)                                       | HP/KW           | 83 / 61          |             |
| NO. OF CYLINDERS/TURBO/WASTEGATE/DISPLACEMENT                 | CM <sup>3</sup> | 4 / T / W / 4400 |             |
| <b>TRANSMISSION</b>   |                 |                  |             |
| SPEED FOUR + OVERDRIVE + MECH. SHUTTLE: 24FWD+12REV (40 KM/H) |                 | ●                |             |
| SPEED FOUR + OVERDRIVE + CREEPER + MECH. SHUTTLE:32FWD+16REV  |                 | ○                |             |
| <b>FRONT 4WD AXLE</b>   |                 |                  |             |
| WITH AUTOMATIC 4WD ENGAGEMENT ON BRAKING                      | —               | ●                |             |
| WITH 4 WET DISCS  | ●               | —                |             |
| <b>POWER TAKE-OFF</b>   |                 |                  |             |
| SPEEDS  |                 | 540 / 750        |             |
| NET PTO POWER (ISO)   | HP/KW           | 70 / 51.5        |             |
| <b>HYDRAULIC SYSTEM</b>                                       |                 |                  |             |
| MAX. LIFT CAPACITY  | KG              | 2600             |             |
| MAX. PUMP FLOW (HITCH + STEERING)                             | LTR/MIN         | 52.3+29.9        |             |
| LINKAGE CATEGORY  |                 | CAT. I / II      |             |
| REMOTE VALVES (STANDARD/OPTIONAL)                             |                 | 3 / 4            |             |
| <b>DIMENSIONS AND WEIGHT</b>                                  |                 |                  |             |
| WHEELBASE   | MM              | 2130             |             |
| MIN/MAX OVERALL WIDTH   | MM              | 1213 / 1313      | 1140 / 1377 |
| MIN. SHIPPING WEIGHT  | KG              | 2665             | 2575        |

**Key:** ● standard ○ option — not available

To complete the F range, McCormick offers the F-N (T3) (Narrow Orchard) and V (T3) (Vineyard) series, both available in cab and ROPS versions. The key features of the F-N and V series tractors include: a new Tier 3 Perkins 1104D series turbo engine for powerful, quiet and environment-friendly performance, modular transmission with reverse shuttle, front axle with 55° steering angle, IBS integral braking system allowing a maximum speed of 40 km/h, versatile hydraulics with new electronic power lift. The pressurised air-conditioned cab with ergonomically-arranged controls provides the operator with maximum comfort and safety when treating crops with pesticides. The rounded profile of the hood and the folding ROPS in the platform model allow greater manoeuvrability in confined areas for enhanced productivity.





**NEW**



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|   |                 | X2.20       | X2.30       | X2.40          |      |             |      |
|---|-----------------|-------------|-------------|----------------|------|-------------|------|
| <b>ENGINE</b>   |                 |             |             |                |      |             |      |
| YANMAR (TIER3)  |                 | 4TNV84-KLAN | 4TNV88-KLAN | 4TNV84T-2XLAN  |      |             |      |
| MAX. POWER (ISO RATING)                               | HP/KW           | 44/32       | 47.5/35     | 54.2/39.9      |      |             |      |
| NO. OF CYLINDERS / NO. OF VALVES / TURBO              |                 | 4 / 8 / —   | 4 / 8 / —   | 4 / 16 / TURBO |      |             |      |
| DISPLACEMENT  | CM <sup>3</sup> | 1995        | 2189        | 1995           |      |             |      |
| <b>TRANSMISSION</b>                                   |                 |             |             |                |      |             |      |
| SPEED FOUR + SYNCHRO SHUTTLE: 12FWD + 12REV           |                 | ●           | ●           | ●              |      |             |      |
| SPEED FOUR + CREEPER + SYNCHRO SHUTTLE: 16FWD + 16REV |                 | ○           | ○           | ○              |      |             |      |
| <b>POWER TAKE-OFF</b>                                 |                 |             |             |                |      |             |      |
| 2 SPEEDS 540/750 RPM                                  |                 | ●           | ●           | ●              |      |             |      |
| NET PTO POWER (ISO)                                   | HP/KW           | 40/29       | 43/32       | 50.7/37.3      |      |             |      |
| <b>HYDRAULIC SYSTEM</b>                               |                 |             |             |                |      |             |      |
| MECHANICALLY OPERATED                                 |                 | ●           | ●           | ●              |      |             |      |
| LIFT CAPACITY   | KG              | 1200        | 1200        | 1200           |      |             |      |
| MAX. PUMP FLOW (HITCH + STEERING)                     | L/MIN           | 28+19.7     | 28+19.7     | 28+19.7        |      |             |      |
| REAR REMOTE VALVES: 2/3 LEVERS                        |                 | ● / ○       | ● / ○       | ● / ○          |      |             |      |
| <b>CAB MODEL STD</b>                                  |                 |             |             |                |      |             |      |
| AIR-CONDITIONING                                      |                 | ○           | ○           | ○              |      |             |      |
| <b>DIMENSIONS AND WEIGHTS</b>                         |                 |             |             |                |      |             |      |
|   |                 | STD         | GE          | STD            | GE   | STD         | GE   |
| WHEELBASE   | MM              | 1760        |             | 1760           |      | 1760        |      |
| HEIGHT TO STEERING WHEEL                              | MM              | 1312        | 1218        | 1312           | 1218 | 1312        | 1218 |
| TOTAL WEIGHT 4WD WITHOUT BALLAST (PLAT / CAB)         | KG              | 1460 / 1610 |             | 1460 / 1610    |      | 1460 / 1610 |      |

Key: ● standard ○ option — not available

Launched to replace the existing GM range, the X2 Series are compact nimble tractors ideal for easy manoeuvring in tight spots. The hood and cab roof have been completely redesigned with a modern look matching the new McCormick family styling. The X2 Series comes in two models: STD with the choice of either cab or platform, and GE only available in platform version. On the GE model, the design of the front axle and rear final drives allows the driving position to be lowered by 95 mm as compared to the STD version; this results in better performance in tight and low spaces such as overhead trellis vineyards and greenhouses. Fitted with 24-inch rear tyres, the X2 Series tractor has a minimum overall width of 1254 mm and a steering wheel height of only 1218 mm, making them extremely compact vehicles. For an even slimmer profile, the tractor can be optionally equipped with 20-inch rear tyres.

The X2 Series features as standard a synchro shuttle transmission with 12 forward and 12 reverse gears. This can be optionally equipped with a creeper providing 16 forward and 16 reverse speeds. All controls are ergonomically arranged on the driver's sides for maximum comfort and ease of operation. The mechanically-operated PTO is available with a choice of either one or two speeds. The hydraulic system provides a flow rate of 48 l/min. The three-point hitch Category I is mechanically operated and can lift up to 1200 kg. The X2 Series tractor can be fitted with up to three simple- and double-acting remote valves. The GE and STD versions differ in the design of the operator platform. The cab, available only on the STD model, is a four-post design with rear-hinged doors that provides easy access to the driver's position and excellent all-round visibility. The cab roof incorporates an efficient air-conditioning system and four powerful work lights for night-time operation. Powered by Yanmar four-cylinder naturally aspirated and turbocharged engines, the X2 Series tractors can be optionally equipped with a front hitch and PTO for added versatility.

McCORMICK X2.40 STD



McCORMICK X2.40 GE





# T Tier 3

The T / T-F / T-M series has been completely revamped with technical upgrades and a restyling that significantly improves the operator's comfort. After adopting a new, attractively-designed tilt-up hood with integrated headlights and the new Perkins 1104D series 4-cylinder naturally-aspirated and turbo Tier 3 engines with high torque rise and power up to 100hp, the T / T-F / T-M series now brings new levels of comfort and productivity to crawler tractors.

The driving position has been redesigned with a new, more comfortable seat and all control levers and pedals have been rearranged in a more ergonomic fashion for added comfort and ease of operation.

The lift capacity of the rear power lift has been improved with two optional external assistor rams and a new three-point linkage that increases the implement lift height. In addition, a more precise adjustment of the power lift sensitivity further improves the working accuracy.

New remote valves, also with hydromotor to allow the use of implements requiring a continuous oil supply (e.g. vine trimmers), along with the option of front remote valves, further enhance the efficiency of the hydraulic system. Finally, the electrohydraulic control of the PTO allows for a smooth and progressive engagement, thereby ensuring a soft starting of the implements. The T / T-F / T-M crawlers, true specialists between the rows and in the field, offer the right answer to the farmers' demand for performance and safety on all kinds of terrains.

|  |                 | T 80 (T3)  |      | T 90 (T3)   |      |      | T 100 (T3)  |      |      | T 105 (T3)  |      |      |
|--|-----------------|--|------|-------------|------|------|-------------|------|------|-------------|------|------|
|  |                 | F  | M    | S           | F    | M    | S           | F    | M    | S           | F    | M    |
| <b>ENGINE</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| PERKINS TIER 3   |                 | 1104D-44   |      | 1104D-44T   |      |      | 1104D-44T   |      |      | 1104D-44T   |      |      |
| MAX. POWER (ISO RATING)  | HP/KW           | 74 / 54.5  |      | 83 / 61     |      |      | 92.5 / 68   |      |      | 98.6 / 72.5 |      |      |
| NO. OF CYLINDERS/TURBO   |                 | 4 / -  |      | 4 / TURBO   |      |      | 4 / TURBO   |      |      | 4 / TURBO   |      |      |
| DISPLACEMENT   | CM <sup>3</sup> | 4400   |      | 4400        |      |      | 4400        |      |      | 4400        |      |      |
| <b>TRANSMISSION</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| SPEED FOUR + OVERDRIVE + SYNCHRO SHUTTLE:<br>16 FWD+8REV   |                 | ●  |      | ●           |      |      | ●           |      |      | ●           |      |      |
| SPEED FOUR + CREEPER + SYNCHRO SHUTTLE:<br>16 FWD+8REV   |                 | ○  |      | ○           |      |      | ○           |      |      | ○           |      |      |
| <b>POWER TAKE-OFF</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| NET PTO POWER (ISO)  | HP/KW           | 68.5 / 50.5  |      | 77 / 56.5   |      |      | 85.5 / 62.5 |      |      | 91 / 67     |      |      |
| <b>STEERING SYSTEM</b>   |                 |  |      |             |      |      |             |      |      |             |      |      |
| HI-DRIVE HYDROSTATIC STEERING -<br>2 WET CLUTCHES OPERATED BY 2<br>HYDRAULICALLY POWER ASSISTED LEVERS<br>WITH COMBINED BRAKING SYSTEM |                 | ●  |      | ●           |      |      | ●           |      |      | ●           |      |      |
| <b>HYDRAULIC SYSTEM</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| OPEN-CENTRE HYDRAULICS   |                 | ●  |      | ●           |      |      | ●           |      |      | ●           |      |      |
| MAX. LIFT CAPACITY (WITH 2 ASSISTOR RAMS)KG  |                 | 2650 (3400)  |      | 2650 (3400) |      |      | 2650 (3400) |      |      | 2650 (3400) |      |      |
| MAX. PUMP FLOW (HITCH + STEERING)  | L/MIN           | 38.5+27  |      | 38.5+27     |      |      | 38.5+27     |      |      | 38.5+27     |      |      |
| MAX. NO. OF REMOTE VALVES  |                 | 3  | 5    | 6           | 3    | 5    | 6           | 3    | 5    | 6           | 3    | 5    |
| <b>TRACKS</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| TRACK TYPE   |                 | TRACK FRAME WITH 5 LOWER ROLLERS AND ONE UPPER TRACK CARRIER ROLLER,<br>PERMANENTLY LUBRICATED |      |             |      |      |             |      |      |             |      |      |
| TRACK SHOE WIDTH: 310 MM   |                 | ○  | -    | -           | ○    | -    | -           | ○    | -    | -           | ○    | -    |
| 360 MM   |                 | ●  | ●    | -           | ●    | ●    | -           | ●    | -    | -           | ●    | -    |
| 400 MM   |                 | -  | ○    | ●           | -    | ○    | ●           | -    | ●    | -           | -    | ●    |
| 450 MM   |                 | -  | -    | -           | -    | -    | ○           | -    | ○    | ●           | -    | ○    |
| <b>WEIGHT</b>  |                 |  |      |             |      |      |             |      |      |             |      |      |
| WEIGHT IN RUNNING ORDER<br>(WITHOUT BALLAST)   | KG              | 3800   | 3800 | 4160        | 3800 | 3800 | 4620        | 3830 | 3970 | 4690        | 3830 | 3970 |

Key: ● standard ○ option - not available











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