

## Under 100 horsepower, small tractors can play a big role in your profitability

Their bigger brothers may get all the attention, but there's been huge innovation in today's small tractors. If you haven't looked for a while, you'll be surprised by the amount of choice and the degree of sophistication you're going to see. Be prepared to do your homework — it will really pay off.

### Case IH Farmall Series

Case IH offers many choices in tractors under 100 horsepower. The Farmall Series includes compact tractors from 31 to 50 hp, utility tractors from 55 to 60 hp, the JX series tractors from 55 to 90 hp, the C series from 64 to 95 hp and the Farmall U Series tractors, which range from 85 to 105 hp.

The Farmall U Series is the upper end of the Farmall family of tractors, with a heavier frame and deluxe controls which enhance driver comfort. There are multiple transmission options (up to 24 forward and reverse speeds), which Case IH says are helping position the Farmall U as a premium utility tractor with full power, full comfort and full features.

<http://www.caseih.com>



### Mahindra 20 Series

Mahindra entered the North American tractor market from India in 1994. Featured this month are the Mahindra 6520 (65 hp) and 7520 (75 hp), part of the Mahindra 20 series. These tractors feature a four-stroke, direct-injection water-cooled diesel engine, with the 7520 being turbocharged. Both tractors are available in 2WD or MFWD.

According to Ken Knapp, a Mahindra dealer near Wardsville, Ont., Mahindra tractors are basic units which most farmers can maintain themselves. Mahindras are "mechanically controlled" tractors, Knapp says, so problem diagnosis is straightforward. For instance if it's not a linkage issue, it's internal. This is a major departure from many of the other tractor brands.

<http://www.mahindrausa.com/>  
<http://www.knappsfarmerservice.ca/>





## John Deere 5 and 6D Series

In August, John Deere introduced a new line of small utility tractors ranging from 45 to 105 horsepower. Deere says its 5D, 5E, 5E Limited and 5M series are budget-conscious designs that will perform essentially any application with any implement in the utility market. The lower power 5D (2WD) and 5E (2WD/MFWD) series have a 45 to 75 horsepower range. The larger 5E Limited Series models range in horsepower from 83 to 101 hp and have more deluxe features such as a cab, Power Reverser transmission, wet traction clutch and MFWD. The top end 5M series features new transmissions, increased lift capacities and more stability for larger implements.

Also in August, Deere introduced their new 6D series utility tractors. The 6100D, 6115D, 6130D and 6140D tractors range in horsepower from 82 to 115 hp. These tractors are based on the previous 6003 series and are powered by the 4.5L, 4-cylinder PowerTech E diesel engine with a high-pressure rail injection system. The 6D series has an increased hydraulic flow for demanding loader requirements and a large spacious cab. The PTO system runs at either 540 or 1000 rpm and the tractors are available in either 2WD or MFWD.

[www.deere.com](http://www.deere.com)



## Massey Ferguson 5400 Series

Massey Ferguson is featuring the 5400 series of tractors, which range from 65 to 115 horsepower. According to the company, the 5400 series is designed to outlast the competition with a power train that has been engineered to handle 50 per cent more power than even these powerful Tier III engines produce. The MF 5400 series tractors also offer the Tier III Perkins and SisuDiesel engines, which burn cleaner and offer greater fuel efficiency. They are biodiesel ready with an optional economy PTO offering 23 per cent lower engine speeds. The 16F X 16R Dyna-4 semi-powershift features clutch-free shifting.

<http://www.masseyferguson.com>

## New Holland T5000 Series

New from New Holland are their T5000 Series tractors (T5040, T5050, T5060 and T5070), which range from 70 to 96 horsepower. The company says these utility tractors are built with stronger components and heavier construction to outlast other tractors of similar horsepower. New Holland emphasizes that these tractors stand out in tough haying conditions and harsh roadside mowing conditions.

The T5000 series standard models features 2WD or FWD, an open platform or cab and a standard 12 X 12 synchro command transmission. The more deluxe models feature FWD only, an open platform or cab and a 24 X 24 Dual Command transmission. New Holland says that the heavier overall weight, wide wheel settings (up to 84 inches) and the long wheelbase gives the T5000 tractors superior stability and a smooth ride.

<http://www.newholland.com/home.asp>

## McCormick CX Series

McCormick's CX90, CX100, CX105 come to the job with 67, 75 and 81 horsepower respectively. According to the company, these tractors boast rugged four-wheel drive matched with lean-burn, high-torque four-cylinder diesel engines and a new three-speed powershift/power shuttle transmission with optional creep speed, which all combine on virtually any terrain to maximize productivity.

The CX tractors have Tier III compliant turbodiesel engines, making for quieter performance and improved power. The new cab design with four posts offers wider doors for better access and visibility. The new cab roof also matches the style of their larger tractors, with integrated heating and cooling. The new twin disc brake system brings improved stopping power and a longer service life for safety and cost savings. The CX tractors have the Xtraspeed Transmission, which offers 24 forward and 24 reverse speeds with a three-speed power shift and hydraulic shuttle, plus the optional creeper transmission.

<http://www.mccormickcanada.ca/>