

GRASSLAND & MUCK EVENT

May 2014

AgriArgo Stand 323 / Malone Farm Machinery working plot

Launch date for new Landini tractors at the Grassland & Muck event

An all-new range of Landini tractors set to become a stockmen's favourite will be launched at the Grassland & Muck Event alongside a new range of four-cylinder tractors at the opposite end of the performance scale.

The 4 Series joins the line-up as a powerful, light-weight and versatile tractor with no real equivalent in the current Landini range; three models will be available at first, with maximum power outputs of 90hp, 99hp and 107hp from a compact Deutz four-cylinder engine.

In contrast, the new Landini 6 Series comprises three powerful four-cylinder tractors designed for high performance operations such as mowing and baling, or harvesting grass using a forage wagon or precision chopper. Outputs from a 4.5-litre FPT engine peak at 143hp, 160hp and 166hp, with the top model benefitting from 'power boost' to deliver up to 175hp for pto and transport work.

"These are two important developments for the Landini marque, which has an enthusiastic following amongst livestock farmers in particular," says Ray Spinks, general manager and sales director at distributor AgriArgo UK. "The all-new 4 Series is an attractive machine for farmers wanting something smaller and lighter than the recently introduced 85-113hp 5-H Series, while the 6 Series is an agile up-market range that includes one of the most powerful four-cylinder tractors available."

The new models will be displayed on the AgriArgo stand at the Grassland & Muck Event, where Landini 5-H and Landpower tractors will be in action on the Malone Farm Machinery working plot handling grass harvesting equipment.

Landini 4 Series

A new Argo Tractors transmission is at the heart of the Landini 4 Series.

Its flexible architecture means buyers can have a relatively basic 40kph specification with 12 speeds forward and reverse, a synchro shuttle and dry clutch two-speed pto or a higher spec package with 24 speeds, HiLo push button splitter, overdrive gearing for reduced revs 40kph, a smooth-shifting power shuttle and hydraulically engaged two-speed pto with ground-drive option.

A creep gearbox option adds another three configurations to the five core set-ups, providing 16 or 32 speeds with low ratios suited to specialist implement applications.

Argo Tractors also produces the new front axle for the Landini 4 Series. It has a 100% locking differential for maximum traction in difficult conditions and integral disc brakes are available for safe and secure true all-wheel braking.

Two hydraulic pump sizes are available – 44-litres/min is more than sufficient for routine applications, while the 57-litre/min Hi-Flow upgrade is ideal for a working a loader or other high-demand implements. In both cases, a 32-litre/min pump dedicated to steering ensures hydraulic oil is never in short supply.

Similarly, the 2900kg rear linkage lift capacity can be upgraded to 3300kg with assister rams and may be operated by either mechanical or electronic controls. Twin mid-valves and a joystick are available to operate a loader or the new front linkage option.

Despite having a low overall height – 2.52m on 30in tyres, 2.57m on 34in tyres – the new cab on the Landini 4 Series has a flat floor and ample headroom thanks to an ultra-slim roof panel that has been made possible by a novel air conditioning system with filters located in the rear pillars.

Power comes from a compact four-cylinder engine with rated speed outputs of 85hp, 95hp and 102hp climbing to peak outputs of 90hp, 99hp and 107hp for hard-working performance with frugal fuel consumption.

Landini 6 Series

The 6 Series tractor brings a new level of design and feature sophistication to the Landini range. Its powerful 4.5-litre FPT NEF engine is coupled to a work-proven ZF semi-powershift transmission; there are new hydraulics and pto; and suspension is available for an all-new cab that provides more space and fingertip controls in a thoroughly modern layout.

Three power outputs are available, starting at rated speed figures of 131hp for the Landini 6-145, 150hp for the 6-160 and 160hp for the 6-175. However, the delivery characteristics of this high power density engine mean these figures do not tell the whole story – as revs are pulled down under load, power and torque increase to deliver more usable performance.

The 6-145 peaks at 143hp and the 6-160 at 160hp for all operations; the 6-175 delivers 166hp for draft work but for pto implements and transport, the Dual Power engine management system kicks in to raise peak output to 175hp.

Operating temperature is regulated by a high performance cooling system using a series of radiators that conveniently open up for easy cleaning to maintain optimum airflow and heat exchange.

With a 20% step for each ratio change, the new Roboshift transmission provides ideal progression through the 24 speeds available in each direction – or 40x40 with the optional creep gearbox installed – with power shifting available throughout at the press of a button.

Along with hydraulic and a number of other functions, the transmission is operated using a fixed joystick on the luxury seat-mounted console that is an integral part of the new Lounge cab design.

Fingertip controls and easily programmed settings bring a new standard of comfort and convenience to the Landini range but without being over-complex.

Wide-spaced front pillars and a one-piece windscreen with large lower sections either side of the adjustable instrument panel provide first-class forward visibility. The driver sits on an air suspension seat that can have an actively ventilated back-rest to complement the climate control air conditioning and comprehensive air distribution vents in keeping the operator comfortable through a long working day.

Ends



Landini 4-105 studio 02.jpg

Landini 4 Series tractor is an all-new design primarily for the livestock sector with power outputs from 90-107hp using a compact four-cylinder engine.



Landini 6-175 studio 01.jpg

High-spec features abound on the new Landini 6 Series tractors, including fingertip seat-mounted controls for most functions in the well-appointed Lounge cab.

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