

McIntosh Unveils Its First Dual-Purpose Machine

McIntosh Combi Pro Makes Feeding Over the Fence Easy

Already well known for its silage wagons, tip trailers, and extensive range of bale feeders, McIntosh Farm Machinery has expanded its product offering with its first dual-purpose machine—the Combi Pro.



McIntosh Combi Pro makes feeding over the fence easy.

Designed to handle clamped silage, fodder beet, and both round and square bales, the Combi Pro is available in four models, with capacities of 14.8, 17.5, 18, and 21.3 cubic metres. Developed using a modular construction technique, these capacities are achieved by using either a 2100mm or 2480mm wide body, with the option of a standard or extended 1200mm longer body.

As with all McIntosh products, strength is a key priority. Brett McIntosh explains, **“We build with a mindset of strength and reliability—then we wonder what it weighs.”**

This commitment to durability is evident in the 5mm thick medium-tensile steel floor and a rear door that is pulled forward using 13mm floor chains rather than a single hydraulic ram, as seen in some competing designs.

“This means there is less of a step down onto the cross conveyor, reducing the risk of blockages,” says Brett. **“More importantly, it ensures the door stays aligned within the body as it is pulled from either side, unlike a centrally mounted ram, which can distort the door’s extremities.”**

The smooth floor design minimises the risk of product leakage or jamming caused by stones.

Material is drawn forward onto a 1500mm-wide cross conveyor, featuring 3-inch, 12,000lb-rated, zinc-plated roller chains. From there, it is passed to the vertical discharge conveyor, which sits beneath the cross conveyor. At the discharge point, a

cleverly engineered, angled extension ensures the material is ‘thrown’ away from the side of the wagon, making it easy to deliver feed into troughs or onto feed pads. A key advantage of this system is its ability to deliver feed over fence boundaries or hot wires.

When in the vertical position, the extension remains within the width of the main conveyor arm, folding in tightly for transport. However, when the conveyor arm is lowered to 45 degrees, the extension arm expands 600mm wider—ensuring feed is placed over a fence line rather than dropped on top of it. The elevator moves from the vertical park position to 18 degrees from the ground, providing a total arc of 72 degrees—significantly more than the typical 45-degree movement seen in other machines.

“Some other brands use fixed, curved conveyor ends to try to reach over fences, but this makes their machines over 3.1m wide, creating a road hazard when oncoming vehicles approach,” Brett notes. **“Our design allows the conveyor extension to fold vertically, making farm and road travel much safer.”**



The conveyor extension folds vertically for easier travelling on the farm and road.

Designed for Practicality and Efficiency

The conveyor extension is particularly useful in wet conditions, as the machine can feed without having to drive over muddy or pugged ground. It also eliminates the need to manoeuvre a tractor and feeder through gateways or a surrounding mob of stock. Additionally, a mechanically adjustable linkage controls the angle of the optional conveyor tip, allowing users to fine-tune the feed delivery to suit their conditions.

To enhance durability and ease of maintenance, the discharge conveyor is supported by twin hydraulic cylinders, ensuring smooth operation while resisting twisting forces. It also features a self-tensioning mechanism that keeps the roller chains at a constant, optimal tension.

Bronze bushes are used in the floor shaft for longevity, while all key greasing points—including those for the tandem axle assemblies—are conveniently located on the side of the machine. A four-cell weighing system provides accurate feed monitoring, with a clear display panel and compatibility with **FarmChef** software.

A redesigned drawbar area results in cleaner lines, making tight turns—especially on feed pads—much easier. Bolt-on side panels improve overall rigidity and durability while also allowing for quick replacement if a panel becomes damaged.

Standard features include LED lighting, flashing rear lights, hazard marker panels, and a dedicated rubbish bin for plastics, netting, or string removed from bales.