

BOMFORD

New Falcon Evo VFA arm design launched.

BOMFORD have launched a completely new arm design for the FALCON Evo arm mower, which will revolutionise how they are used. For the operator, the new arm design will have the benefit that it makes the machine far more versatile in where the cutting head can be placed, but also far less tiring to use over a long day.

Historically all types and make of arm mower rely on a rigid arm design that only allows the arm and head to be moved at 90 degrees to the tractor. For improved visibility, rear mounted machines are now often available with the option of an additional forward arm to bring the cutting head alongside the cab.

In developing the new VARIABLE FORWARD ARM (VFA), which is initially available for the Falcon Evo, Bomford has completely revolutionised mower arm design in that now the operation has the flexibility to not only move the arm and head at 90 degrees to the tractor, but also in line, parallel to the tractor.

The new Variable Forward Arm incorporates a unique new parallel linkage system that enables the arm to be moved backward and forward parallel to the tractor.

Initially available as an option for the Falcon Evo 6.5T, the design of the parallel linkage system means that in addition to altering the reach of the mowing head, up to 6.5 metres from the tractor, from a position alongside the cab, the mowing head can be moved forward by 1.816 metres, or moved back by 0.903 metres, giving a total traverse of 2.719 metres.

The ability to alter not only the reach of the mowing head, but also its position parallel to the tractor therefore provides the operator with complete flexibility. It will allow him to position the mowing head alongside the tractor that suits him best for optimum visibility, so that whilst the reach is increased, so the head can be moved forward to keep it easily visible.

Also, when an obstacle such as a road sign is reached, this will allow the arm to be accurately manoeuvred around the obstacle, leaving a cleaner, more professional finish. By avoiding the need to shuttle the tractor backwards and forwards, this increases productivity and reduces driver stress and fatigue.

For operator convenience and ease of use, the unique new Variable Forward Arm design provides all the benefits of a rigidly fixed, mid-mounted machine, but with none of the drawbacks, because being fitted to the tractor using conventional axle brackets; the Falcon VFA can be quickly and easily removed. For transport, the compact folding of the VFA ensures that transport width is below 2.55 metres.

For even greater flexibility, where the mowing head needs to be used right up against the tractor, for instance when working in narrow lanes, a close cutting bracket is available that brings the head right close up to the side of the cab.

