

**GEORGE MOATE**   
**FARM SMARTER** 

Innovative British Agricultural Machinery



Home of the **TILLERSTAR**



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Developed and manufactured by PSS in Great Britain

Established in 1971, PSS are global leaders in steering and hydraulics, including manufacturing components for many of the biggest names in off-highway vehicles.

With the latest facilities, techniques and quality accreditations, we ensure every George Moate product meets or exceeds our customers' requirements - season-after-season.



## FARM SMARTER

Helping farmers world-wide to cut time and costs

In 2002, British farmer George Moate questioned why preparing fields for planting required three separate passes with a deep ridger, bed tiller and de-stoner.

His frustration led to the TillerStar - the world's first one-pass tiller for root vegetables, potatoes, salad and other crops.

The TillerStar's unique patented action is now used around the world to help farmers save time and improve yields.

George Moate's full range of agricultural machinery also includes the equally innovative Heavy Duty Tiller and Rotorstone.



# TILLERSTAR

The World's Only One-pass Tiller  
for Root Vegetables, Potatoes and Salad

The unique TillerStar is the only agricultural tiller designed to turn unprepared ground and stubble into seedbed in a single pass.

British designed and manufactured, it's helped farmers around the world to cut time and costs since 2011.



## SAVE UP TO £300 (\$400US) PER HECTARE

The TillerStar has been shown to deliver significant savings:

- Up to 66% less time required than individual deep ridging, de-stoning and bed tilling
- Significantly reduces fuel costs and wear on equipment
- No need to buy or store three pieces of machinery
- Better de-stoning improves drainage and soil quality

TillerStar is used around the world including:

- England
- Scotland
- Ireland
- France
- Saudi Arabia
- Japan
- New Zealand
- Denmark
- Finland
- Latvia
- Australia



## HOW DOES IT WORK?

- 1** Driven rotor blades bite into the unprepared ground
- 2** Star Wheels sieve and deposit stones and clods beneath the bed
- 3** Fine soil falls through forming ridged beds ready for planting

Every season it creates perfect beds in a single-pass for crops including:





# TILLERSTAR

## 1, 2 OR 3 BED

The TillerStar is available in single, double and triple bed widths.

The 1 Bed TillerStar creates a perfectly formed bed for root vegetables, potatoes or salad - in a single pass. Its unique design buries stones and clods deep beneath the sieved soil.

The 2 and 3 Bed TillerStar create even greater efficiency savings. Hydraulic folding makes them easy to transport and store.

### Key features:

- Available in 1.8m (72"), 2m (80") or custom bed widths
- Four rows of patented 'Star Wheels', fully adjustable for differing soils
- Bed shapers for potatoes, double flange rotors, star cleaners and Armatech blades, as standard



### 1 BED:

- Fitted with 240hp multi-speed gearbox and auto reset clutch
- Requires minimum 110hp at PTO



### 2 BED:

- Hydraulic folding for easy transportation and storage
- Fitted with 330hp multi-speed gearbox and two auto reset clutches
- Requires minimum 200hp at PTO
- Includes centre sub soil leg and four 12" depth wheels as standard



### 3 BED:

- Hydraulic folding for easy transportation and storage
- Fitted with 390hp gearbox and oil cooler
- Requires minimum 300hp at PTO
- Includes two delta legs and six 12" depth wheels as standard



### Options include:

- Hydraulic markers
- Adjustable bed forming hoods
- Quick release blade system
- Carbide blades
- Floating crumbler rollers
- Granular applicator unit
- Rear lighting kit
- 390hp gearbox with oil cooler





## HEAVY DUTY TILLER

More than ever, the new and improved George Moate multi-use three bed tiller is built to last.

First released in 2002, from 2013 onwards it's benefited from improved heavy-duty construction which delivers the perfect bed year-after-year.

Its unique quick-release blade system limits compaction and ensures every inch is tilled, whilst gear driven drivelines mean it can tackle the toughest jobs.

### Key features:

- 5.4m wide to simultaneously till three 72" beds
- Hydraulic folds to just 2.5m for easy transportation
- Works directly in to ploughing
- Mixes top and under soil for even de-stoning
- 2 Waltersheid reset clutches
- Designed for tractors up to 390hp
- Choice of blades including frangiter, speed, L-shaped and pick tines, in finishes including Armatech and carbide
- Available with our unique 'one-pin, one-nut' quick tines, in finishes including Armatech and carbide

### Options include:

- Adjustable forming hoods
- Hydraulic disc markers
- Ripper legs
- Packer roller







# ROTORSTONE

The Rotorstone creates a finely cultivated bed for salad and other shallow crops – in a single pass.

The Rotorstone uses 'fingers' – rather than the TillerStar's 'star wheels' – to sieve the soil and bury stones and clods up to 28cm deep. It's ideal for applications where a shallow bed needs to be quickly created in unprepared soil.

Beyond agriculture, the Rotorstone is particularly adept at creating surfaces for grassing, including housing developments, turf farms and golf courses.

## Key features:

- 1.4m to 8m wide
- Hydraulic folding (on wider machines)

## Options include:

- Bed formers
- Cage rollers
- Hydraulic row rollers
- Lateral discs
- Disc markers
- Depth wheels





## To Begin Farming Smarter - Get in Touch

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