

**THE TMSYSTEM IS COMPATIBLE WITH MOST MOWERS ON THE MARKET**

## **TMSYSTEM**

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**TMSYSTEM**  
**COMPLETE TURF REFINEMENT.**



# TMSYSTEM

## THE ULTIMATE SYSTEM TO CONVERT MOWERS INTO MULTI-USE TURF MAINTENANCE UNITS

The TMSYSTEM™ unlocks the full potential of your John Deere, or Jacobsen fairway or triplex greens mower. The only cassette system available to transform your triplex greens or lightweight fairway mower into a 'complete' turf maintenance system. Versatile equipment that saves the need to buy individual machines.

### CHASSIS HIGHLIGHTS

#### UNIVERSAL CARRIER

The chassis can be fitted to most makes of triplex greens or lightweight fairway mowers.

#### REAR ROLLER POWER BRUSH

This optional attachment to the chassis makes for the ultimate in surface preparation.

#### EASY ON-COURSE ADJUSTMENT

Laser-etched height markers of 0.004" increments makes on-the-fly adjustments easy.

#### GROOVED OR SMOOTH FRONT ROLLER

Depending on the application, the front roller can be specified as smooth or grooved.

#### WRENCHLESS HEIGHT ADJUSTEMENT

The patented wrenchless height adjuster has become the industry benchmark for ease of adjustment.

#### ADJUSTABLE BEDKNIFE

Simple adjustability reduces bedknife face wear and minimizes plant stress.



INFINICUT MOWERS



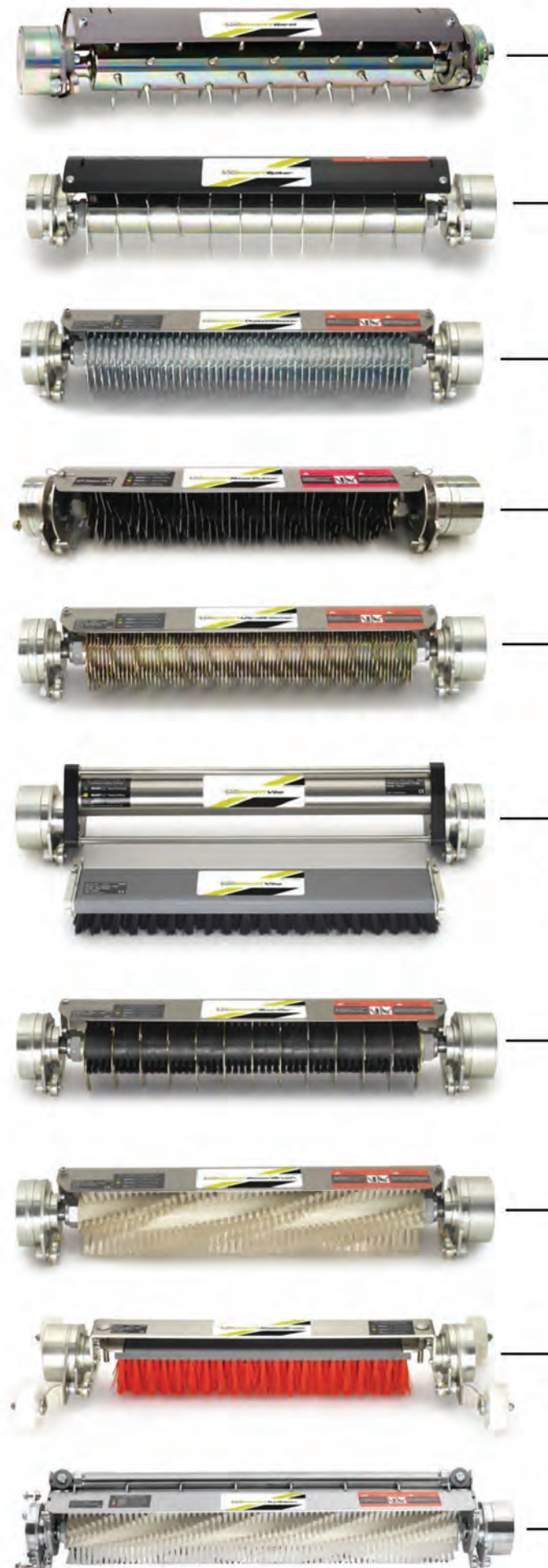
3 GANG GREENS MOWERS



5 GANG GREENS MOWERS



RG3 ROBOTIC MOWERS



### SMART CASSETTES

Removal of the cutting reel cassette, and installation of another from the comprehensive SMART cut range, is possible in seconds due to the ergonomically designed four bolt "Easy-In-Easy-Out" construction.

#### 1 Aerate

The **SMARTSarel™** roller, if used regularly, will prevent surface sealing of fine turf resulting from the effects of rolling and air-born silt. This can lead to decreased infiltration rates and a reduction in gaseous exchange between the atmosphere and the rootzone upper horizon.

It can be used up to 20mm (0.8in) depth, and is also an excellent tool for use after top-dressing to integrate the sand into the turf canopy.

The **SMARTSpiker™** provides an alternative method of reducing surface sealing whilst using the same principles as the Sarel roller. It is for those Turf Managers who prefer an elongated form as opposed to a circular pattern.

It is a fast and cost effective aerator allowing the triplex to operate at transport speed. Aeration is great for increasing surface soil temperature at the start of the season helping to bring turf out of dormancy sooner.

#### 2 De-thatch

The **SMARTThatchMaster™** is used to prevent thatch accumulation and cut through stolons and rhizomes in fine turf. Regular use will improve surface texture especially when used in conjunction with light topdressing. The carbide tipped blades are spaced at 10mm centres and manufactured from 2mm thick tungsten.

The **SMARTRazorCutter™** produces less stress on the grass plant by employing non carbide tipped, laser cut, blades. They help minimise any bruising effect that can lead to increased plant pathogen attack ~when using regular carbide tips. To counteract accelerated wear, resulting in a rounded tip, the rotor shaft can be turned through 180°. This feature enables the use of both sides of the blade tip to maintain a sharp edge being offered to the grass at all times.

#### 3 Groom

The **SMARTUltraGroomer™** has over 80 1.3mm tungsten carbide tipped blades spaced at 5mm apart to ensure your greens are maintained in the best condition. It will minimise puffiness in high density Creeping Bent and Bermuda grasses by reducing 'scalping' and 'foot-printing'. The cassette will also remove seed heads in Poa annua turf and on newly established greens, it can help reduce the ingress of Poa annua by "grabbing" individual plants before they get a chance to take hold.

#### 4 Level

The patented **SMARTVibe™** cassette is the only integrated vibratory cassette in the world. With an operating frequency of 83Hz transferred through two 60mm diameter rollers there is no better method of achieving fast true putting surfaces. Efficient deep integration of sand top-dressing is easily achieved with the optional SMARTVibe™ Cassette Brush. The Brush can also be used as a static brush.

#### 5 Scarify

The **SMARTScarifier™** is the obvious choice for greens that already have thatch at depth. The 5 bladed 1.6mm super-tough blades, spaced at 40mm, work at a depth of up to 14mm. The brush spacers ensure thorough clean-up and effective throwing of the thatch into the grass catchers. Consecutive use in multiple directions will result in minimal surface disruption.

#### 6 Brush

The **SMARTPowerBrush™** cassette is designed to ensure even collection of debris throughout the length of the grass catcher, maximizing the volume. It's very effective collecting surplus top-dressing; stones from bunkers and leaf debris. The bristles are made from high quality nylon resulting in a durable brush with "flex memory". Two different stiffness grades of bristle are available.

#### 7 Top Dress

The **SMARTStaticBrush™** is a very effective method of working sand into greens. Running on four nylon rollers, it has a simple method of adjusting the pressure exerted on the green - equally at home working in heavy or light dressings.

#### 8 Hygiene

The **SMARTTurfClean™** is designed to ensure even collection of debris from the surface and also further down into the turf canopy. Fitted with an angled comb "Bedknife" beneath the rotary brush it's very effective collecting surface divots, debris, organic matter and standing up the grass plant to help ensure a healthy sward. The bristles are made from high quality nylon resulting in a durable brush with "flex memory" to ensure a durable and long lasting tool.