

VAN VUUREN



CATALOG

WORKS FOR YOU



PREFACE

Van Vuuren has been the leading supplier for the turf industry since 1988. Our technological innovations ensure optimum results in the continuously changing conditions our growers face. Our machines are reliable, solid, and can be fitted to any tractor. They operate at all times under all conditions, are easy to maintain, and are user-friendly. We focus on our customers, we are your reliable partner for the turf industry, and we constantly find smart solutions for your business.

At Van Vuuren, we work passionately every day to make life easier for our turf growers. Van Vuuren's service is unparalleled in the industry. We have a network of agents and service organizations worldwide that continues to grow.

This catalog contains our range of turf machinery:

- **TurfTick®1016**
- **TurfTick®2316**
- **TurfTick®2516**
- **TurfTick®3500**
- **BigTick®1040**
- **MowTick®R5582**



TurfTick® 1016 is an entry-level model and fits almost every tractor make and model. This harvester ensures that every turf grower gets off to a flying start. By its simplicity, this machine provides high production and contributes to the profitability of every starting and small business turf grower.

Features

The TurfTick® 1016 features a floating cutter head, where the cutter head moves independently from the conveyor belt. This is a top-quality harvester featuring high speed and extremely low maintenance costs due to its clever design. The cutting blade is powered and balanced, resulting in low noise and low vibration. The TurfTick® 1016 basic machine connects well with the standard blade system and our new self-produced blade system using a reversible blade and colter disks. The TurfTick® 1016 comes standard with electronic thickness control. The roller bearings and bushings in all moving parts feature a long service life resulting in low maintenance costs.

The TurfTick® 1016's roll-up system is another unique feature. With the long service life of the conveyor belt and its various options, this is a time-proven system. By using a flexible rubber tray for the turf roll up, the grass is protected from breaking. The roll-up system ensures smooth, accurate, and gradual rolling. The rubber roll-up gears are maintenance-free, do not easily wear, and deliver top results.

Our trailer runs on its own wheels to distribute the weight more efficiently. As a result, the harvester performs significantly better on wet and slippery fields. The trailer is designed for optimal comfort for the operator. The stacking platform has no vibrations, thus guaranteeing safety and comfort. A folding pallet carrier and an easily accessible forklift ensure trouble-free pallet loading.

The transverse conveyor is hydraulically driven and comes with speed control for easy stacking. The transverse conveyor has a smooth finish; thus, it does not damage the turf.

Required tractor

- 2- or 4-wheel drive
- TurfTick® 1016 fits on almost every regular tractor model. This enables the machine to be connected or disconnected from the tractor within minutes.

We can mount the TurfTick® 1016 basic machine on your tractor or deliver it separately. The TurfTick® 1016 is available with various optional features.

The TurfTick® 1016 can be lifted using a special, custom-made frame for your tractor. This frame is integrated with the tractor and appears as an original part of your tractor.

Advantages

- Connected or disconnected from the tractor within minutes with the clip-on and clip-off mechanism
- Many options, including new blade system, autopilot, cross conveyor, roof, and pallet lift
- Simple and easy to use
- Unique floating cutting head
- Low maintenance costs
- Extra powerful performance on wet fields and on new grass

Specifications

Cutting width	16 inch (40 cm), 18 (45 cm) or 24 inch (60 cm)
Cutting length	Adjustable from 45 inch to 100 inch (115 cm to 254 cm)
Capacity	Up to 1000 m ² per hour
Width of the combination	Approximately 2.9 - 3.3 meters depending on the tractor and the tractor's tires
Blade type	Traditional or new type (reversible) blade system with coulter disks
Optional	Autopilot/autosteer, roof, front brush, and transverse conveyor



**TURFTICK®
2316**



TurfTick® 2316 'Universal Stacker' for a single operator. Compact, proven concept, universal, economical, and durable; ideal for turf growers with a daily harvest of 6000-7000 m². With this 'Universal Stacker,' automated stacking is possible. Due to its clever design, the TurfTick® 2316 'Universal Stacker' loses less production time than other automated turf harvesters. This results in higher production and lower operating costs.

Features

The TurfTick® 2316 'Universal Stacker' produces 40 cm (16") rolls using a 3-roll gripper to stack the turf rolls. The gripper is fully programmable and can stack up to 3 rolls simultaneously. Also, various pallet sizes, even mixed, can be used:

- 20 x 120 cm (48" x 48")
- 120 x 100 cm (48" x 40")
- 120 x 80 cm (Euro Pallet)

The TurfTick® 2316 'Universal Stacker' can stack 7 pallets in the pallet injector magazine. Our sod harvester features a simple layout, easy maintenance, and is fully metric. This TurfTick® 2316 'Universal Stacker' makes automated turf harvesting affordable for everyone.

Required tractor

- 4-wheel drive tractor with at least 75HP
- Almost all tractor brands are compatible
- Category II three-point linkage
- Minimum 2 single actuated hydraulic plug-ins

Advantages

- Compact design
- Optional Pallet injector with 7-pallet capacity
- Very flexible in the stacking of various pallet sizes
- Easy to maintain and user-friendly
- Remote control from Van Vuuren

Specifications

Cutting width	16 inch (40 cm), upon request 18 (45 cm) or 24 inch (60 cm)
Cutting length	1.66 m (3 turf rolls/2 m ²) 2 m (0.8 m ²) 2.5 m (1 m ²)
Capacity	Up to 1000 m ² per hour depending on pallet size
Width of the combination	Approximately 3 to 3.5 meters depending on the tractor and the tractor tires
Blade type	Conventional or Van Vuuren coulter disks blade system
Optional	Pallet injector, 2 nd waste bin, front brush, hydraulic cut-off system, and the ability to dump rejected turf rolls, monitoring



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**TURFTICK®
2516**



TurfTick®2516 'Universal Stacker', compact, proven, universal, economical and durable. With this 'Universal Stacker' automated stacking is possible. With its smart design, the TurfTick®2516 Universal Stacker is able to handle five rolls at once. This results in higher production efficiency and low operating costs.

Features

The TurfTick®2516 'Universal Stacker' produces 40 cm (16") rolls using a 5 roll gripper to stack the rolls. The gripper is fully programmable to stack 1 to 5 rolls simultaneously. Various pallet sizes can also be used, namely:

- 120 x 120 cm (48" x 48")
- 120 x 80 cm (Euro Pallet)

The TurfTick®2516 'Universal Stacker' can hold up to 7 pallets with the pallet injector option. Our harvester is simply set up, easy to maintain and fully metric. With this TurfTick®2516 'Universal Stacker', automated turf harvesting has been made affordable for everyone.

Required tractor

- 4-wheel drive tractor with at least 75HP
- Almost all tractor brands are compatible
- Category II three-point linkage
- Minimum 2 single actuated hydraulic plug-ins

Advantages

- Compact design
- Optional Pallet injector with 7-pallet capacity
- Very flexible in the stacking of various pallet sizes
- Easy to maintain and user-friendly
- Remote control from Van Vuuren

Specifications

Cutting width	16 inch (40 cm), upon request 18 (45 cm) or 24 inch (60 cm)
Cutting length	1.66 m (3 turf rolls/2 m²) 2 m (0.8 m²) 2.5 m (1 m²)
Capacity	Up to 1200 m² per hour depending on pallet size
Width of the combination	Approximately 3 to 3.5 meters depending on the tractor and the tractor tires
Blade type	Conventional or Van Vuuren coultter disks blade system
Optional	Pallet injector, 2 nd waste bin, front brush, hydraulic cut-off system, and the ability to dump rejected turf rolls, monitoring



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TurfTick® 3500 is the newest model from Van Vuuren and with an optimal capacity of 3600m² per hour a true capacity cannon. It is possible to cut rolls of 40 cm (16”) as well as 60 cm (24”) wide and because of the large gripper, each pallet is stacked per layer at the same time. This creates a stable and flat pallet.

Features

The TurfTick@3500 'Triple or Double Stacker' produces 40 cm (16”) or 60 cm (24”) rolls using a 15 roll gripper to stack rolls. The TurfTick@3500 'Triple or Double Stacker' provides easy access to new pallets during cutting through its two pallet platforms. The dump function makes it possible to dump only the wrong rolls, thus guaranteeing the quality of the pallet without dumping good rolls. The pallet format used is:

- 120 x 120 cm (48” x 48”)

The TurfTick® 3500's roll-up system is the reliable Van Vuuren roll-up system. With the long life of its conveyor belt and various options, this is a time proven system. By using a flexible rubber tray for rolling, the grass is protected from breaking. The roll-up system provides smooth, accurate and gradual rolling. The rubber roll-up gears are maintenance-free, do not wear easily and deliver top results.

The unique feature of the TurfTick@3500 'Triple or Double Stacker' is that it is possible to choose from two different modular cutting heads. The first option is the single unit cutting head. This is a cutting head with a 120 cm blade making it possible to cut 2 x 60 cm or 3 x 40 cm with the same cutting head. The second option is the 3 unit floating cutting head. This cutting head cuts 3 x 40 cm. The three separate cutting heads provide optimal results on any type of soil.

The control system of the TurfTick@3500 series is fully operable from the tractor with a clear 11” computer system. In addition, the TurfTick@3500 'Triple or Double Stacker' has a depth control gauge so that every turf is the same thickness and the pallet therefore remains well balanced.

Required tractor

- 4-wheel drive tractor with at least 75HP
- Almost all tractor brands are compatible
- Category II three-point linkage
- Minimum 2 single actuated hydraulic plug-ins

The TurfTick® 3500 is a trailed machine making it flexible in use and can be placed behind a tractor in a short time.

Advantages

- A mega capacity of up to 3600m² per hour
- Connected or disconnected from the tractor within minutes thanks to the clip-on and clip-off concept
- Unique design with a modular cutting head
- Robust machine through the use of high quality iron, industrial bearings and powder coating
- Easy maintenance and user friendly
- Remote control from Van Vuuren

Specifications

Type of cutting head	Single unit cutting head (43”) or Triple unit floating cutting head (3 x 24”)
Cutting width	16 inch (40 cm) or 24 inch (60 cm)
Cutting length	Adjustable from 45 inch to 100 inch (115 cm to 254 cm)
Capacity	Up to 3600 m ² per hour
Transport width	Approximately 2.75 meters
Blade type	Van Vuuren coulter disks blade system
Optional	Pallet injector, rotating axle, remote monitoring from Van Vuuren

**TURFTICK®
3500**



BIGTICK® 1040



The BigTick® 1040 is durable, heavyweight, and features a solid design. It is the best, most economical solution for harvesting high-quality large turf rolls. The operation speed offered by BigTick enables a high production capacity. The turf rolls have a maximum width of 40 inches (1 m). With a center colter disk installed, the option of harvesting two 20 inch (0.5 m) rolls is also available.

Features

The BigTick® 1040 has a heavyweight frame and a robust (pressure) roller, which immediately levels the ground during harvesting. The colter disks are attached to the roller. This results in high-quality turf rolls. Which in turn allows the turf roll to be split in two. This way, rolls of 2 x 20 inches can be produced. The BigTick® 1040 has a heavy-duty gearbox and high-quality bearings for all rotating parts. This harvester is standard equipped with an electronic thickness control. Through the manually adjustable thickness control, coarse adjustments and general settings can be controlled.

Required tractor

- 2- or 4-wheel drive tractor with at least 40 HP
- Category II three-point linkage

Advantages

- Top-quality strong cutting blade
- Equalizes the soil optimally with its heavy frame and sturdy pressure roller
- Including Van Vuuren colter disk system, for accurately cut rolls
- Affordable, robust, and durable

Specifications

Cutting width	40 inch (1 m) or 48 inch (1,2 m)
Cutting length	Up to 40 m for single rolls
Capacity	Cutting speed approx. 40 m/minute
Blade type	Van Vuuren coulter blade system
Optional	Automatic cutting to length





The BigSlab® 3040 is specially designed for harvesting turf for medium to large projects, such as parks and soccer fields. Ideal to market your high-quality turf. With the BigSlab® 3040, you will enjoy impressive speed, efficiency in cutting, and easy transport and placement of the turf with minimum effort.

Features

Laying the turf is three times faster than conventionally harvested turf while you hardly have to bend over. Ergonomically, the BigSlab® 3040 is ideal for medium and large projects, such as parks and soccer fields. With the BigSlab® 3040, you have 80% fewer grass seams, and almost immediately after installation, sports can be played on the grass mats. These features make the turf ideal for constructing and rehabilitating sports fields. The BigSlab® 3040 is unique because of how the turf is harvested: the turf is folded instead of rolled. This makes the installation of the turf more efficient. In addition, the thickness of the turf is automatically measured and adjusted by a computer system with multiple sensors and actuators developed by Van Vuuren. This computer system also controls the length of the turf.

The cutting head of the BigSlab® 3040 is similar to that of the BigTick. This machine has a cutting blade with colter disks. The ground is leveled by the heavy frame and the sturdy pressure roller. The optional center colter disk can split the turf into two parts giving it additional capabilities for both drop-off and placement of turf.

Advantages

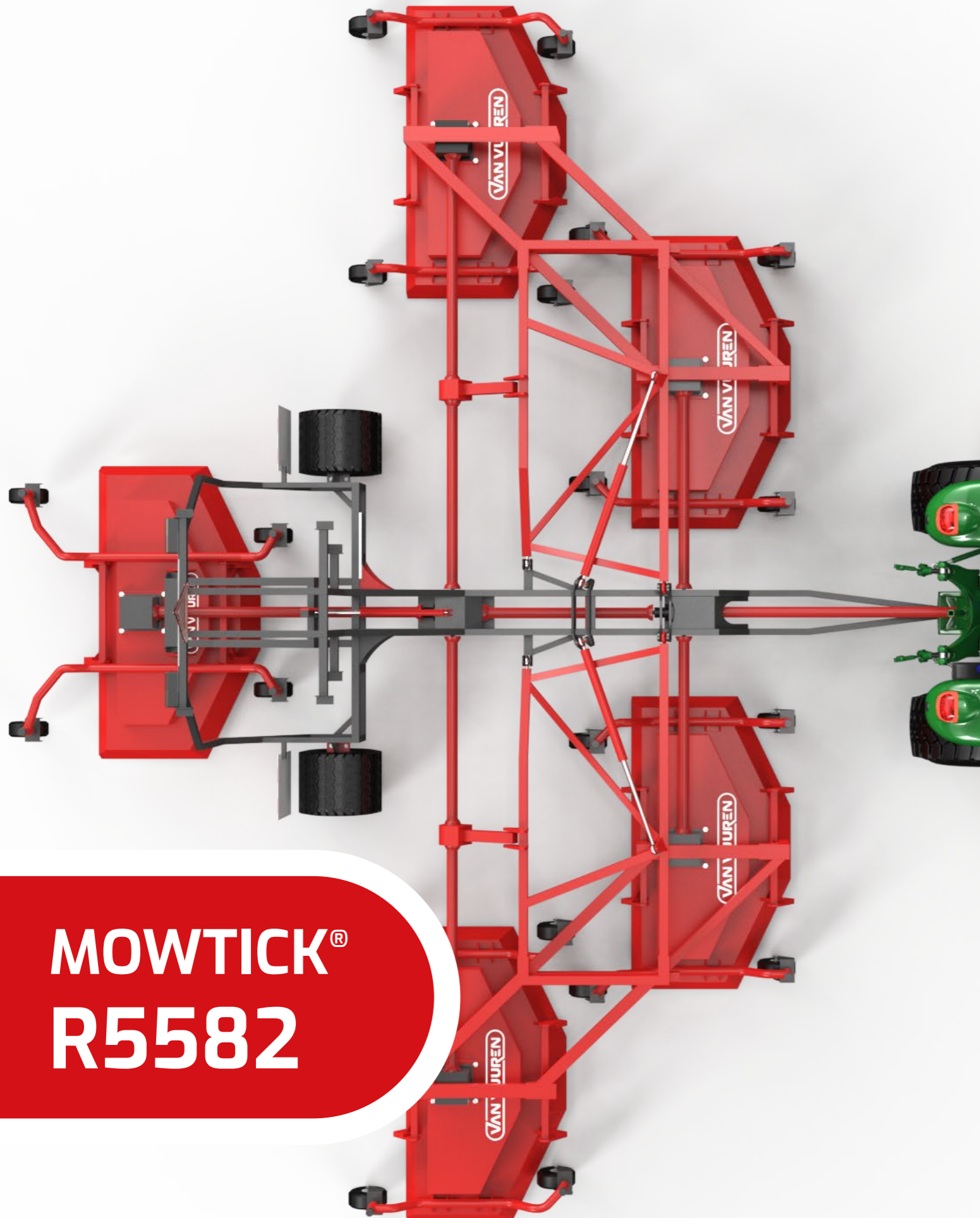
- Suitable for medium and large projects, such as parks and soccer fields
- 80% less grass seams
- Lays 60m² of turf in 5 minutes
- Very efficient turf installation
- Saves time due to the large working width and length
- Slab turf enables projects to be completed rapidly

Specifications

Cutting width	48 inch (1 m)
Cutting length	Up to 60 m
Capacity	Up to 1800 m ² per hour
Blade type	Van Vuuren coulter blade system



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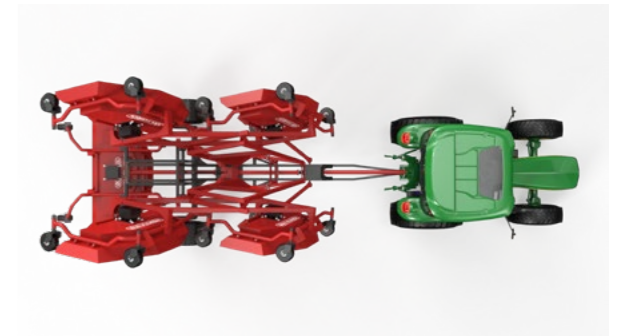


MOWTICK® R5582

Operating mode



Transport mode



The MowTick® R5582 is an easy to maintain mower with five cutting decks, each with five blades. The MowTick® R5582 can be controlled from the tractor and in the transporting position the MowTick® Rotary not only folds upwards but backwards as well. This results in a low transporting height making it easy to move around.

Features

The MowTick® R5582 has a cutting width of 8.20 meters and because the decks are placed at an angle behind each other, the range of 8.20 is optimized.

Dimensions

Transport mode

- Height: 3.23m
- Width: 2.95m
- Length: 6.20m

Advantages

- The low transport height ensures easy transport
- Compact design
- Easy maintenance and user-friendly

Specifications

Cutting width	8.25 meters
Power requirements	Approx. 60 kw and single hydraulic connection
Capacity	8.3 hectares per hour at a speed of 10 kilometer per hour
Number of mowing decks	5
Number of blades per mowing deck	5

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