

# The Turf Tick

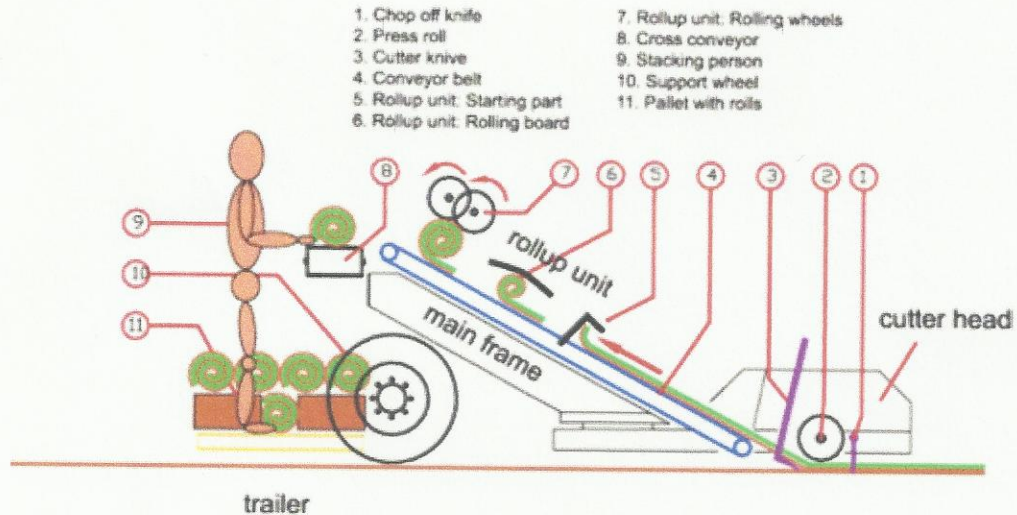
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## Introduction

Economic and time proven concept in many countries in the world. Real floating head design, where the cutting head pivots independently from the conveyor. Entirely "see through", open, design with low weight centerpoint. The Turf Tick provides top quality cut, high speed with extreme low maintenance cost. Counterbalanced cutting blade drive for low noise and low vibration. Sharp edges and equal thickness. Electrical depth control standard. Extreme long life roller bearings and bushings in all moving parts. Unique rollup system. The rollup system cooperates with sideways separated conveyor belts. The turf cannot pass under the rollup starter tray without being rolled. The most tender turf can be harvested with our system. This unique and patented system will not be found on other harvesters. Tractor independent concept. The Turf Tick fits to any regular tractor brand and model. Can be supplied with or without the tractor. The Turf Tick can be connected and disconnected from a tractor in just a few minutes. The Turf Tick fits to both 2- and 4-wheel drive tractors. The Turf Tick can be supplied with many optional features. See features for further explanation.

## Features



Full 15 degree floating cutter head (img. Turf Tick cutter head). The frame with roller and blade pivots independently with respect to the conveyor frame. This feature provides for extreme equal cut, also at high speed, because the blade can follow and adapt to the ground contour quickly. The rotational connection between the conveyor frame and the cutting head is located behind and under the conveyors. The cutting head is fully see through and easy accessible. Counterbalanced cutterblade drive, extreme easy in maintenance. Blade drive equipped with top quality rollerbearings for extra life. Bearings with heavy duty seals.



Automatic fine adjustment for cutting depth, push button controlled from control panel at driver seat or from stacking position (img. electrical depth control). Hand adjustment for large adjustments in cutting depth. Separated conveyor belts feeding the turf upwards. The belts run over stainless steel drums, they pick the turf up very close to the ground so that young turf is not damaged and will not break. The belts are known for their extreme long life expectancy.



Rollup system with starter-finger tray that falls between the separate conveyor belts (img. start rolling). No turf can pass unrolled. This is a time proven and patented system, unique for our harvesters. Flex rubber tray for rolling the first part after the roll is started, protects the roll from breaking. Elongated rolling system, for smooth, precise and gradual rolling, protects tender turf. Each roll comes out with end-slap in exact position. Rubber rollup sprocket wheels, maintenance free, no wear, top results.



Cross-conveyor, hydraulic driven, with speed adjustment for ease of stacking. Conveyor belt is smooth so that it does not damage the turf (img. roll on crossconveyor). The belt is special material, almost unwearable. The special pallet carrier can be hooked on and off like regular agricultural equipment (optional).



The carrier with pallet and stacker platform is mounted in the tractor three-point hitch (img. Turf Tick on tractor iso back). It also carries the back part of the harvester. The pallet where the turf is stacked on is placed on two forks at the carrier. A weight sharing system is provided, so that most of the pallet-weight is carried by the tractor. The excess part of the weight (appr. 30% when the pallet is full) is transferred to the TurfTick wheels. With this feature the tractor needs less front weight and the machine performs considerably better in wet circumstances. Also, the pallet is asymmetric behind the tractor, so the stacking area is closer to the main conveyor that delivers the turf. This feature provides extra stacker comfort and stacking speed. Stacker platform, vibration free, provides comfort for the stacker. Pivotal pallet frame, easy accessible with forklift for loading empty pallets.



Easy and efficient tractor mount in a couple of minutes (img. Turf Tick disconnected). The Turf Tick is hooked to the tractor with a mount that is specially made up to fit the specific tractor model. The frame remains at the tractor when the TurfTick is disconnected.



## Specifications

<b>Cutting width</b>	16" (optional 18")
<b>Cutting length</b>	Adjustable from 45" to 100"
<b>Capacity</b>	Up to 1700 square yards / hour
<b>Weight</b>	Weight
<b>Transport width</b>	Approximately 10 ft
<b>Bearing types</b>	Brass bushes in low duty points, roller or ball bearings in heavy duty rotational points. All bearing are greasable.
<b>Conveyor type</b>	Five separated high duration rubber belts around stainless steel rollers.
<b>Blade type</b>	Standard R&R
<b>Crank shaft</b>	Hardened steel balanced for tremor-free operation.
<b>Required tractor</b>	Two - or four-wheel-drive with a minimum of 40 Hp Category II three point hitch, minimal one-single acting hydraulic plug in.