

For big open spaces, the Toro® TS90 provides unparalleled features and performance into a fully adjustable rotor. Designed for large turf areas, its radius of 16,2 to 29,0 m is ideal for parks, sports fields, synthetic turf athletic fields and horse arenas. In addition, Toro patented TruJectory™ allows for the fine tuning of nozzle spray height from 7-30° to ensure wind resistance and head-to-head spacing.

A close-up photograph of a Toro TS90 rotor nozzle installed in a lush green lawn. The nozzle is a black plastic cup-like structure with a small blue tag at its base. Two powerful jets of water are being sprayed outwards from the nozzle, creating a wide arc. In the immediate foreground, a small black plastic pot filled with green grass sits on the lawn. The background is a blurred view of a large sports stadium with red seating and white advertising banners.

TORO®

TS90 SERIES ROTORS

FEATURES & BENEFITS

TruJectory™ Adjustment from 7° to 30°

Fine tunes nozzle spray height, helps provide true head-to-head coverage, and compensates for windy conditions.

Part- and Full-Circle in One Sprinkler

No need to inventory multiple models or service parts

Back Nozzle Capable

Perfect for perimeter of sports fields. Provides the flexibility for fine-tuning any watering requirement.

Ratcheting Riser

Allows you to adjust the riser position in the body without disassembling. Simply pull up the riser and ratchet it to the precise position you want to water.

Three Nozzle Configuration

Provides better distribution uniformity, nozzle flexibility and system efficiency.

Constant-Velocity Drive

Provides reliable rotation speed – from sprinkler to sprinkler.

TurfCup™ for Sports Fields

The optional TurfCup version seamlessly integrates into either natural grass or artificial turf sports fields, enhancing player safety, surface playability and field aesthetics.



Effluent
Options
Available



Check
Valve
Options
Available



SPECIFICATIONS

Operational

- Radius: 16,2-29,0 m at 25° trajectory
- Flow Rate: 52,9-232,8 L/min
- Precipitation Rate: 14,2-15,2 mm/hr
- Arc: Full- and Part-circle in one
 - Full-circle: 360° unidirectional rotation
 - Part-circle: 40°-330°
- Rotation Speed: 3 minutes $\pm$ 30 seconds (360°)
- Inlet: 1" female-threaded BSP
- Operating pressure range: 2,8-7,0 Bar

Dimensions

- Body Height: 254mm
- Overall Height: 317mm
- Retracted Height: 216mm
- Pop-Up Height: 100mm
- Exposed Cap Diameter: 57mm

Warranty

- Five years

Options Available

- Nozzle, #9 Main (102-4259)
- Effleunt Cap Marker (118-0063)
- Main Nozzle Tool: (995-99)
- Intermediate nozzle and TruJectory™ tool (995-105)

Additional Features

- ✓ Full set of color-coded nozzles that thread directly into the nozzle port
- ✓ Rubber cover and below grade installation
- ✓ Check Valve standard – maintains up to 3m elevation
- ✓ Nozzle options: nine main, three intermediate, one inner

