



# Turf Pro™ 500/300 & Range Pro™ 100

AUTONOMOUS MOWERS & RANGE PICKER

## FEATURES

### Turf Pro: Cutting Performance

- Mow up to 18.5 acres (75,000 m2)\*
- Increased mowing frequency removes less leaf tissue and produces shorter clippings
- Adjustable mowing patterns can be utilized to achieve multiple aesthetics
- Multiple floating cutting heads with anti-friction discs and retractable blades at high rotation speed

### Packed with Technology

- Self-charging
- Ultra-precise navigation via GNSS RTK technology – no boundary wires required
- Customize settings at your fingertips – working perimeters, no-go zones, mowing pattern, cutting height, transport paths, etc.

### Range Pro: Labor Savings

- Collects up to 12,500 balls in 24 hours
- Automatically returns to charging station/ball drop area
- Works simultaneously with Turf Pro
- Operates in pattern and ability to define and schedule high density areas

### Fleet Management

- Wireless monitoring and control of your units through a computer or mobile phone

## Intelligent productivity.

From performance and cost savings to more time to focus on the bottom line, the Toro Turf Pro and Range Pro put innovation and efficiency at your command.

With GNSS RTK technology, the Turf Pro navigates with precision, enabling it to mow a consistent pattern with minimal overlap.

The Range Pro 100 autonomous golf ball picking robot enables you to give your staff other tasks, to extend your opening hours and even to lose fewer balls.

The mobile app allows you to remotely control your robot or fleet of robots. Start or stop your machines at any time from anywhere, receive alerts, create schedules, and automate certain processes.



Turf Pro 500



Turf Pro 300



Range Pro 100

\*Mowing capacity and maximum working area may vary depending on the quality and layout of the terrain and the presence of obstacles.

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Call your Toro distributor at 800-803-8676

# Turf Pro™ & Range Pro™ Specifications

	TURF PRO 500, MODEL 30921 (US or CAN) TURF PRO 500S, MODEL 30921 (US or CAN)	TURF PRO 300, MODEL 30923 (US or CAN)	RANGE PRO 100, MODEL 30931 (US or CAN)
<b>BATTERY TYPE</b>	LiFePO4		
<b>NOMINAL VOLTAGE</b>	25.6 V		
<b>NOMINAL CAPACITY</b>	19.2 Ah		
<b>ENERGY</b>	491.5 Wh		
<b>WORKING TEMPERATURE RANGE</b>	23°F to 140°F (-5°C to 60°C)		Discharge: 23°F to 140°F (-5°C to 60°C) Charge: 37.4°F to 134.6°F (3°C to 57°C)
<b>AVERAGE WORKING TIME</b>	110 minutes	280 minutes	110 minutes
<b>AVERAGE TIME TO FULL CHARGE</b>	90 minutes		
<b>SECURITY PIN CODE</b>	Yes		
<b>GPS LOCATION</b>	RTK Base Station – Model 30915		
<b>ROBOT MANAGEMENT VIA SERVER &amp; APP</b>	Standard		
<b>MAXIMUM WORKING AREA**</b>	18.5 acres (74,867 m <sup>2</sup> )	11.1 acres (44,920 m <sup>2</sup> )	11.1 acres (44,920 m <sup>2</sup> )
<b>RECOMMENDED WORKING AREA</b>	13.6 acres (55,037 m <sup>2</sup> )	8.6 acres (34,803 m <sup>2</sup> )	7.4 acres (29,947 m <sup>2</sup> )
<b>MOWING/PICKING WIDTH</b>	40.7" (103.3 cm)	25" (63.3 cm)	37.6" (95.6 cm)
<b>WORKING SPEED</b>	2.2 mph (3.6 km/h)	1.7 mph (2.8 km/h)	2.2 mph (3.6 km/h)
<b>MAXIMUM SLOPE</b>	Turf Pro 500: 30% (17°) Turf Pro 500S: 45% (24°)	35% (19.5°)	30% (17°)
<b>NUMBER OF CUTTING HEADS</b>	5	3	N/A
<b>NUMBER OF CUTTING BLADES</b>	15	9	N/A
<b>MINIMUM CUT HEIGHT (STANDARD DISC / LOW HEIGHT DISC)</b>	0.75" / 0.6" (20 mm / 15 mm)		N/A
<b>MAXIMUM CUT HEIGHT (STANDARD DISC / LOW HEIGHT DISC)</b>	3.9" / 3.5" (100 mm / 90 mm)		N/A
<b>ADJUSTMENT OF CUTTING HEADS</b>	Electronic		
<b>MAXIMUM NOISE LEVEL</b>	52 dB		
<b>WEIGHT</b>	Turf Pro 500: 156.5 lbs (71 kg) Turf Pro 500S: 158.7 lbs (72 kg)	105.8 lbs (48 kg)	187.4 lbs (85 kg)
<b>DIMENSIONS (LxWxH)</b>	43.7 x 50.3 x 20.3" (111 x 127.8 x 51.5 cm)	39.4 x 41.1 x 18.3" (100.2 x 104.4 x 46.6 cm)	46.5 x 52.8 x 21.3" (118 x 134 x 54 cm)
<b>SONAR FOR OBSTACLE DETECTION</b>	5		4
<b>RESISTIVE BUMPER FOR COLLISION DETECTION</b>	1		
<b>FRONT LIFT SENSORS</b>	2	N/A	
<b>REAR LIFT SENSORS</b>	2		
<b>REAR COLLISION SENSORS</b>	2		
<b>ROLL OVER / TILT SENSORS</b>	1		
<b>CUTTING HEAD DEFLECTORS</b>	(2) 1 on each outer cutting head	N/A	
	<b>RANGE PRO 100 BALL PICKER</b>		
<b>BASKET CAPACITY</b>	320–350 balls		
<b>MEAN BALL COLLECTION CAPACITY</b>	15,600 balls/day		
<b>MAXIMUM BALL COLLECTION CAPACITY</b>	19,500 balls/day		
<b>PICK UP DISKS</b>	16, anti-friction pick-up discs		
<b>WARRANTY</b>	Limited 2-year Warranty. 1-Year Warranty: Front wheels, front wheel pivots, axles, bearings, cutting head bearings, pantographs, lift jack		

\*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only.  
Actual products offered for sale may vary in use, design, required attachments and safety features. See distributor for details on all warranties.  
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