

Irrigation Products International

Your Total Solution Provider



**Turf Care Equipment - Irrigation System
Electric Vehicles**

GOLF | SPORTS GROUNDS | LANDSCAPE



Count on it.





Ravi Garyali, Managing Director

There for you always

About IPI

Irrigation Products International (IPI) has been a pioneer in the Indian Golf Industry since it began its operations in 1993.

IPI represents world's top brands such as TORO and YAMAHA. The quality product range is fully supported by IPI's reliable, result-oriented services.

Activity Profile:

- ONE STOP Solution Provider for Golf Course Maintenance
- Design, supply & installation of fully automated Toro irrigation systems on turn-key basis
- Toro Turf care products for Golf, Sports grounds and Landscape applications
- Yamaha Electric and Gasoline Powered Vehicles customized to meet Client's requirements
- Driving Range Equipment & Golf Accessories
- Lake Aerators
- Hand Held Powered Equipment

IPI has a team of highly trained & skilled employees, known for their in depth of Industry expertise and commitment to the company's service ethics.

Customers all over India:

IPI's clientele profile includes Golf courses, Sport grounds, Hotels & Resorts, Institutions across the country.

IPI has its Branches and Service Network in Chennai, Coimbatore, Bengaluru, Goa, Mumbai, Surat, Delhi NCR, Vijayawada, Hyderabad, Pune, Ahmedabad and Kolkata.

TORO.



YAMAHA



YOUR TOTAL SOLUTION PROVIDER

TORO

Lawn Care Equipment



Toro Recycler Mower

Self Propelled At Your Own Pace!

Briggs & Stratton® EXi 163cc, Cutting Width 22" (56 cm), Height of Cut 1"-4" (2.54 cm - 10.16 cm), Recoil Starter, Personal Pace Auto-Drive™, Rear-Wheel Drive, 15-Gauge Steel Deck Material, 1 Litre Fuel Tank Capacity, 45 Litres Grass Bag Capacity, Standard Recycler Cutting System, up to 3.25 mph (5.25 km/h) Ground Speed, 10" Rear - 8" Front wheels | Vortex Technology

Toro Heavy-Duty Recycler Mower

Self Propelled Rear Bagger

Kawasaki Engine 179 cc, FJ180V with Primer start Engine, Cutting Width 22" (56cm), Height of Cut 1"- 4.5" (2.5cm - 11.4cm) - 4 Point Adjustment, Recoil Starter, Fixed Speed & Rear wheel Drive System, 6.35 mm die cast aluminium Deck Material, 1.8 Litre Fuel Tank Capacity, 77 Litres Grass Bag Capacity, Standard Recycler Cutting System, 2.0 to 4.2 mph Ground Speed, Co-Polymer wheels with Sealed Ball Bearings



Toro Time Cutter Zero Turn Mower

The Power Of Cut Your Mowing Time In Half..

Toro 708cc V-Twin Cylinder Engine, 22.5HP, Cutting Width 107cm, Height of Cut 1.5" (3.8 cm) - 4.5" (11.4 cm), Electric Battery key Starter, Dual Hydrostatic Drive System, 42" Stamped Steel Deck, 11.4 Litres Fuel Tank Capacity, 227 Litres Grass Bag Capacity, Rear Wheel 45.7 x 19 cm, Front Wheel 27.9 x 10.2 cm, Standard Cup Holder

Toro ProStripe

Striping Mower

Kawasaki Engine 179 cc, FJ180V with Primer start Engine, Cutting Width 22" (56cm), Height of Cut 0.55"- 2.36" - 4 Point Adjustment, Recoil Starter, 3-Speed Self Propelled Drive System, Corrosion resistant aluminium Deck Material, 1.7 Litre Fuel Tank Capacity, 80 Litres Grass Bag Capacity, 9" with smooth shoulder tires, Mowing speed 1.9, 2.5, 3.2 mph (3.1, 4, 5 kph)



Toro Walk Behind Brush Cutter

Heavy Duty Hydro Drive Brush Cutter

Toro Engine, Cutting Width 28", Cutting Height 3-3/4", Electric Start, Fuel Capacity 3.5 Litre, Deck Material 50 ksi high strength steel Pivoting +/- 10 degrees with spring return, Spindle Diameter 1-3/8", Transaxle Hydro gear T2, Two-step blade engagement with parking brake



Hand Held Powered Equipment



Chain Saw

Chain Pitch/gauge - 3/8/1.27
Engine Fuel Tank Capacity- 0.34 Litres
Displacement - 35cc/KW



Hedge Trimmer

Maruyama Hedge Trimmer HT230D - R
Engine: LE 230, 22.5cc
Blade Type: Double Sided
Blade Length: 600 mm (24")
Fuel Tank Capacity: 0.5 Litres
Dry Weight: 5.1 Kg
Starter - Reverse Start



Maruyama Blower cum Vacuum

Powerful, lightweight and easy to use
Engine: Maruyama Engine CER300 (30.1cc)
Max Air Volume: 13 m³ / min
Max Air Velocity: 72.1 m³ / min
Fuel Tank Capacity: 0.6 Litres
Dry Weight: 4.3 Kg



Brush Cutter

Maruyama Brush Cutter BC 5020H

Engine: NE500, 1.9Kw / 7500 RPM
Horse Power: 49.9cc , 2 .55 HP
Fuel Tank Capacity: 1 Litres
Dry Weight: 7.8 Kg
Accessories with Machine: Blade, Shoulder Band Assembly, Safety Glasses, Ear Muff
Starter: Recoil



Sprayer

Maruyama Back Pack Sprayer MS0735W
Engine: BE 230, Force Air Cooled, 2 Cycle
Horse Power: 22.5cc , 0.8 Hp
Maximum Pressure: 525 PSI / 35 Kg/cm²
Suction Volume (Flow): 7.2 L (LPM)
Fuel Tank Capacity: 0.9 Litres
Dry Weight: 8.6 Kg
Tank Capacity : 25 litres



Blower

Maruyama Back Pack Blower BL9000
Engine: 2 Stroke Air Cooled CE 800
Approx. Air Volume: 1018 CFM
Approx. Air Velocity: 225 Mph
Dry Weight: 10.9 Kg
Fuel Tank Capacity: 2.1 litres

"Toro's innovative Recycler mulching system minces grass clippings into fine particles and puts them back into your lawn giving you a healthy, lush looking yard".

Yamaha 2 Seater
Golf Cart


Seating Capacity: 2 Persons
Turning Radius: 2.8 m
Overall Length: 2380 mm

Yamaha 4 Seater
2 Forward & 2 Rear Facing Seats


Seating Capacity: 4 Persons
Turning Radius: 2.8 m
Overall Length: 2850 mm

Yamaha 4 Seater
All Forward Facing Seats


Seating Capacity: 4 Persons
Turning Radius: 4.4 m
Overall Length: 3230 mm

Yamaha 6 Seater
4 Forward & 2 Rear Facing Seats


Seating Capacity: 6 Persons
Turning Radius: 4.4 m
Overall Length: 3760 mm

Yamaha 6 Seater
All Forward Facing Seats


Seating Capacity: 6 Persons
Turning Radius: 5.70 m
Overall Length: 4085 mm

Yamaha 2 Seater
with Cargobed


Seating Capacity: 2 Persons
Turning Radius: 2.8 m
Overall Length: 2560 mm
Cargo Box Capacity: 113 Kgs
Cargo Box Size: 40" x 32" x 10" (L X W X H)

Yamaha 4 Seater
with Cargobed


Seating Capacity: 4 Persons
Turning Radius: 4.4 m
Overall Length: 3410 mm
Cargo Box Capacity: 113 Kgs
Cargo Box Size: 40" x 32" x 10" (L X W X H)

Common Specifications

Overall Width:	1200 mm	Charger:	Stationery Constant Current Charger Make: Delta-Q
Overall Height (Sun top):	1785 mm	Brake System:	Self adjusting rear drum
Wheel Base:	1640 mm	Parking Brake:	Pedal Brake
Front Wheel Tread:	870 mm	Frame:	Robotic welded automotive ladder-style steel frame protected with a multi-step full immersion phosphate treatment electro - deposition epoxy-based coating and an electrostatic applied polyester
Rear Wheel Tread:	980 mm	Body:	Thermoplastic olefin, 2-part top coat of automotive-grade polyurethane
Min Ground Clearance:	105 mm	Front Suspension:	Fully independent automotive-style strut suspension
Batteries:	Trojan T-875 8 VOLT X 6 PCS	Rear Suspension:	Swing arm with coil springs
Voltage Rating:	48 Volt	Steering:	Rack and Pinion
Output Rating & Make:	4.4 HP (3.3 Kw) Make: MAHLE	Windshield:	Fold-Down Clear
Tire Size:	18.00x8.50-8.00 (4 ply)	Warranty:	1 Year (against any manufacturing defects)
Max. Forward Speed Adj:	24 Km/H		
Drive System:	AC Motor		
Battery Watering System:	Trojan Battery with Single Point Watering System for easy maintenance		

Parts & Accessories

Side Mirror

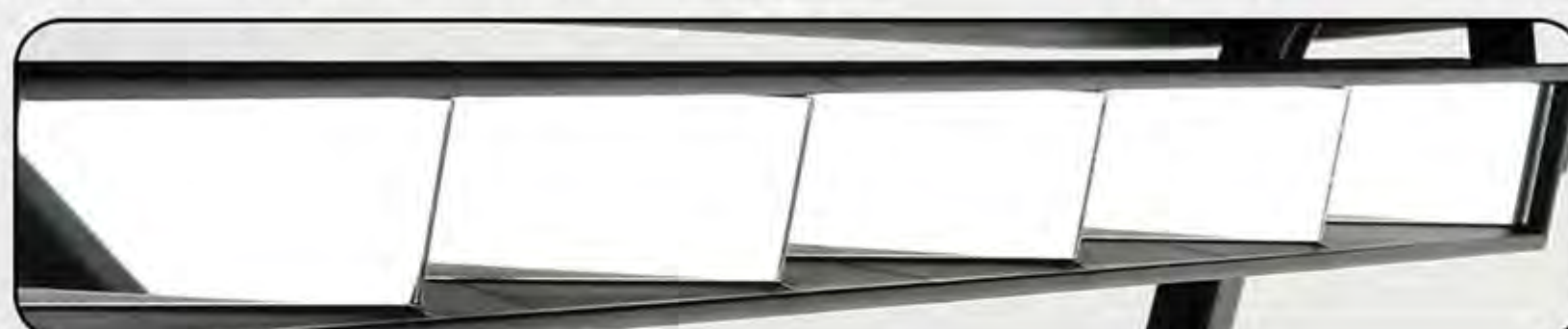
Sand Bottle Kit

Club & Ball Washer

Light Kits

Cooler Kit

Battery

Tire

5 Panel Mirror Kit

Toro 570 Spray Heads

The 570Z is ideal for small to medium size landscape areas and intricate designs

- **Zero Flush Wiper Seal**

Radius: 0.6 to 7.4 m

Flow: 0.2 to 17 lpm

Operating Pressure: 1.4 to 3.4 bar



Toro LPS Spray Heads

The LPS is ideal for residential applications with its small diameter cap that allows it to blend into many landscapes economically

Radius: 0.6 to 5.5 m

Flow: 0.2 to 17 lpm

Operating Pressure: 1.4 to 3.4 bar



Toro T5 RapidSet® Series

Ideal for Medium to large lawns and shrub areas. The T5 offers an extra inch of pop-up height compared to most competitive units

- **Airfoil™ Technology Nozzles**
- **Top Adjust Arc Set**

Radius: 7.6 - 15.2 m

Flow: 2.8 - 36.5 lpm

Arc: Full Circle;
Part-circle Adjustable

Operating Pressure: 1.7 - 4.8 bar

Pop-Up Height: 5" (12.7 cm)



Toro T7 Series Rotors

Ideal for Large commercial and Sports Fields

- **Top Arc Indication**
- **Trjectory: 25**
- **Arc: Part Circle Adjustable / Full circle in one**

Radius:

Low-flow models: 11.6 - 16.2 m

High-flow models: 14.0 - 25.0 m

Flow:

Low-flow models: 6.4 - 49.2 lpm

High-flow models: 25.4 - 116 lpm

Operating Pressure: 2.8 - 6.9 bar



Toro TS90 Series Rotors

For big open spaces and sports fields, the Toro TS90 provides unparalleled features and performance into a single fully adjustable rotor

- **Trjectory Adjustment from 7° to 30°**
- **Back Nozzle Capable**
- **Three Nozzle Configuration**

Radius: 16 - 29 m

Flow: 53 - 233 lpm

Arc: Part/Full circle in one

Operating Pressure: 2.8 - 6.9 bar



Toro TS120 Series Impact Sprinklers

Capable of achieving long-range throws of up to 38 m, suited for both synthetic and natural turf sports fields

- **Flexibility and Ease of Use**
- **Top Serviceable Valve-in-Head**
- **Durable and Versatile**

Radius: 18.89 - 38.1 m

Flow: 75.6 - 457.8 lpm

Operating Pressure: 3.1 - 8.2 bar



Toro TS170 Series Rotors

The Piston-driven long radius rotor for irrigating, cooling and washing down of large natural turf & synthetic sports fields

- **Innovative Nozzle Technology**
- **Low maintenance Piston Drive**
- **Integrated Valve-in-Head**
- **Reduced Watering Time**

Radius: 34.0 - 54.0 m

Flow: 427.8 - 1146.9 lpm

Arc Adjustment: Part circle 30° to 330°

Full circle 360°

Operating Pressure: 4 - 9.99 bar



Toro P-150 Series

The P-150 series valves are the "value" work horses of plastic valves

- **Heavy-duty glass-filled nylon (GFN) and stainless-steel construction**
- **Precise pressure control option with compact EZReg® dial-design**
- **Pressure regulates in electric and manual modes**

Flow: 18.9 - 567.8 LPM

Pressure Range: 1.4 - 10.3 bar

Sizes: 1.5" and 2"



Toro P-220 Series

- **Durable Glass-Filed Nylon**
- **Internal and External Manual Bleed**
- **Schrader Valve Pre-Installed**

Flow Range: 1": 18.9 - 132.5 lpm

1.5": 113.6 - 416.4 lpm

2": 302.8 - 681.4 lpm

3": 567.8 - 1135.6 lpm

Operating Pressure: 0.7-15 bar

Sizes: 1", 1.5", 2" and 3"



Toro Evolution Series Controllers

- Introducing the next generation in Controllers!
- Revolutionary Intuitive Interface
- 4 to 16 stations, Modular
- Simultaneous operation of up to three zones
- Three scheduling choices
- Programmable Master Valve/Pump Control
- Easy Upgrade to Integrated Smart Control
- Cycle and soak by station



Toro TMC-424E Series

- 4 to 24 Stations, Modular
- Flow Sensing Capability
- Run Times in Minutes or Seconds
- Up to 4 Master Valves/Pump start connections
- Four programs with 16 total start times
- Operate up to three programs simultaneously
- Short detection for faster troubleshooting



Toro Rain Sensors

- Wired / Wireless Options
- With multiple set-points for adjustable rain sensitivity and maintenance-free sensing disks, Toro's TRS provides the reliability required.
- Compatible with all Toro and other Manufacturer's Controllers



Irrigation Products International

Your Total Solution Provider

More Than Just Equipment
We Engineer Solutions



Count on it.



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