

NETAFIM DOSING SYSTEMS PORTFOLIO

ENSURING PRECISE NUTRIENT AND WATER DELIVERY



GROW MORE WITH LESS
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 **NETAFIM**TM
GROW MORE WITH LESS

THE RIGHT AMOUNT AT THE RIGHT TIME

The most effective way to increase a crop's yield and quality is by feeding the plant according to its specific, ever-changing needs. This means delivering the right amount of nutrients and water at the right time.

Giving growers precise control over nutrient and water delivery, Netafim's™ Nutrigation™ process is comprised of three stages:

- Dissolving solid fertilizers
- Mixing and distributing dissolved nutrients according to the desired dosing ratios
- Delivering the precise quantity of nutrients to the plant's root zone

For growers to carry out Nutrigation effectively, they require a full range of automated precision dosing systems to address all crops, plot sizes and applications.

MEETING SPECIFIC GROWER NEEDS

Netafim offers a comprehensive array of dosing systems to meet the specific needs of every grower. Leveraging decades of agronomic know-how and in-field deployment experience, Netafim offers a world-leading portfolio of dosing systems comprised of three product families – NetaJet™ 3G, FertiKit™ 3G, and NetaFlex™ 3G. Available in a variety of models that address diverse growing scenarios, all three families are:

- easy to install and operate
- field proven
- suitable for varied geographical and climatic conditions
- easily integrated with Netafim and third-party control and monitoring systems
- scalable to a wide range of irrigation system flow capacities



GROWER BENEFITS

- High yields and crop quality
- Comprehensive offering tailored to plot size, crop type and application
- Low water, fertilizer and energy consumption
- Reliable, highly-controlled systems
- Cost-effective solution with a rapid return on investment (ROI)

NETAFIM'S DOSING SYSTEM PORTFOLIO



NETAJET 3G

Uniform low-energy dosing system

Featuring a state-of-the-art mixing chamber, NetaJet 3G provides the industry's highest level of dosing precision and uniformity. A modular CE-compliant dosing system, NetaJet 3G maintains a single mixing/injection pump to deliver a uniform quantity/ratio of nutrients at low energy-consumption levels.

Highlights

- **Productive:** Improves crop yields and quality by ensuring precise EC and pH control
- **Uniform:** Delivers a uniform quantity/ratio of nutrients thanks to an innovative mixing chamber
- **Comprehensive:** Works with a wide range of dosing channel units and flow rates (up to 5 units of 1,000 l/hr each)
- **Scalable:** Scales to system flow rates from 5m³/hr to 400m³/hr and up to 8 bar pressure
- **Cost-efficient:** Uses a single pump for mixing and injecting nutrients to lower energy consumption
- **Flexible:** Operates in greenhouses and net houses



FERTIKIT 3G

Versatile and precise dosing system

FertiKit 3G is a highly versatile and accurate dosing system requiring minimal investment. A CE-compliant system available in four models, including two without a booster pump, FertiKit 3G is suitable for a vast range of irrigation system capacities.

Highlights

- **Productive:** Improves crop yields and quality by ensuring precise EC and pH control
- **Uniform:** Delivers a uniform quantity/ratio of nutrients thanks to an innovative design
- **Comprehensive:** Works with a wide range of dosing channel units and flow rates (up to 6 units of 50-1,000 l/hr each)
- **Scalable:** Scales to system flow rates from 5m³/hr to 700m³/hr and up to 8 bar pressure
- **Cost-effective:** Requires minimal investment and delivers a rapid ROI
- **Flexible:** Operates in net houses, open fields and orchards



NETAFLEX 3G

Reliable open-tank dosing system

Featuring a state-of-the-art open-tank dosing system, NetaFlex 3G ensures extremely precise and uniform nutrient dosing. A modular CE-compliant system, NetaFlex 3G easily integrates with multiple Netafim and third-party control and monitoring systems.

Highlights

- **Productive:** Improves crop yields and quality by ensuring precise EC and pH control
- **Uniform:** Delivers a uniform quantity/ratio of nutrients in a homogenous solution thanks to an open-tank mixing design
- **Comprehensive:** Works with a wide range of dosing channel units and flow rates (up to 6 units of 50-600 l/hr each)
- **Scalable:** Scales to system flow rates from 3m³/hr to 64m³/hr
- **Cost-effective:** A rapid return on investment (ROI)
- **Flexible:** Operates in greenhouse soil and soilless media

PORTFOLIO HIGHLIGHTS

Industry-leading offering

Leveraging our leadership in drip irrigation, Netafim is the number one provider of advanced dosing systems.

Field-proven quality

Committed to quality, we offer systems that are effective, reliable and durable.

Comprehensive offering

Our dosing systems cover all plot sizes, crops and applications to meet specific customer needs.

Environmentally-friendly solutions

Given the precise distribution of water and nutrients, our dosing systems lower aquifer pollution while saving water and energy.

End-to-end expert guidance

We bring decades of agronomic know-how, global implementation experience and maintenance support to facilitate effective project deployment.

In-house development

Our dosing system solutions are built in-house to ensure streamlined customer operations and maintenance.

Complete package

Netafim offers all required parts of a dosing solution including irrigation and monitoring sub-systems.



ABOUT NETAFIM

Netafim is the global leader in drip and micro-irrigation solutions for sustainable productivity. With 27 subsidiaries, 14 manufacturing plants and over 3,000 employees worldwide, Netafim delivers innovative solutions in over 110 countries across the globe. Founded in 1965, Netafim pioneered the drip irrigation revolution, creating a paradigm shift toward low-flow agricultural irrigation. Today, Netafim offers a wide range of state-of-the-art irrigation and complementary solutions for agriculture, landscaping and mining. From drippers and dripperlines, through sprinklers and micro-emitters, to crop management technology (CMT) and greenhouse systems, Netafim's market-leading products and services enable cost-effective irrigation for optimal and sustainable results.

