

A Greek manufacturer of drip irrigation systems is looking for industrial vision systems

Summary

Profile type	Company's country	POD reference
Technology request	Greece	TRGR20230407005
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement with technical assistance	• World
Contact Person	Term of validity	Last update
Rita Elste - Tomsone	7 Apr 2023 6 Apr 2024	7 Apr 2023

General Information

Short summary

A Greek manufacturer, active in the field of drip irrigation systems is looking for ways to upgrade and automate their production line. They are looking for industrial vision systems solutions. Specifically, they are looking for an industrial vision system (camera and amplifier) to detect the location of the hole on the pipe, where the dripper is integrated. The company is looking for technology providers or suppliers of industrial vision systems.

Full description

The company is active in the field of manufacturing and trading of plastic irrigation pipes. It is a member of an International group and the area of its responsibility is mainly Europe, but it has expanded its activity worldwide. Since its foundation in 2001, has gained a reputation in the irrigation industry. Its plant which occupies an area of 4 hectares produces a full range of cylindrical and flat drip lines, LDPE pipes, and HDPE pipes, in addition to the full range of specialized fittings it has for their connection. The company employs a total of 30 people.

The company is looking for ways to upgrade and automate its production line. They are looking for industrial vision systems solutions. Specifically, they are looking for an industrial vision system (camera and amplifier) to detect the location of the hole on the pipe, where the dripper is integrated. The system is expected to consist of a camera (sensor head), an amplifier (amplifier), a screen (display), and an activation unit (triggering unit). The company is looking for technology providers or suppliers of industrial vision systems. The type of agreement considering is the Commercial agreement with technical assistance.

Advantages and innovations

Technical specification or expertise sought

The company is looking for technology providers or suppliers of industrial vision systems. The system is expected to consist of a camera (sensor head), an amplifier (amplifier), a screen (display), and an activation unit (triggering unit). The system should recognize objects by their surface with a color sensor so to enable stable measurement while It allows presence detection and recognition of different objects, which have up till now been performed by a human, to be executed fast and accurately.

Stage of development

Already on the market

Sustainable Development goals

- **Goal 9: Industry, Innovation and Infrastructure**

IPR Status

Partner Sought

Expected role of the partner

The potential partner should be able to deliver the system and provide technical assistance for the installation and testing.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **SME 11-49**
- **SME <=10**
- **Big company**
- **SME 50 - 249**

Dissemination

Technology keywords

- **02003001 - Process automation**

Targeted countries

- **World**

Market keywords

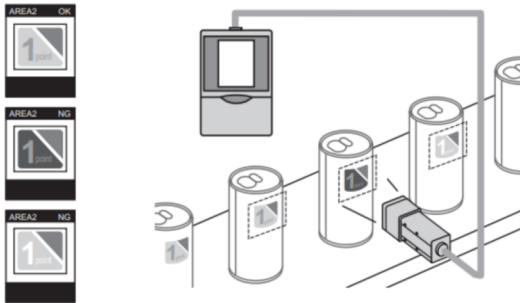
- **08002003 - Process control equipment and systems**
- **08002002 - Industrial measurement and sensing equipment**
- **08002005 - Machine vision software and systems**
- **02007011 - Manufacturing/industrial software**
- **08006001 - Process control and logistics**

Sector groups involved

- **Agri-Food**
- **Digital**

Media

Images



[Example](#)