



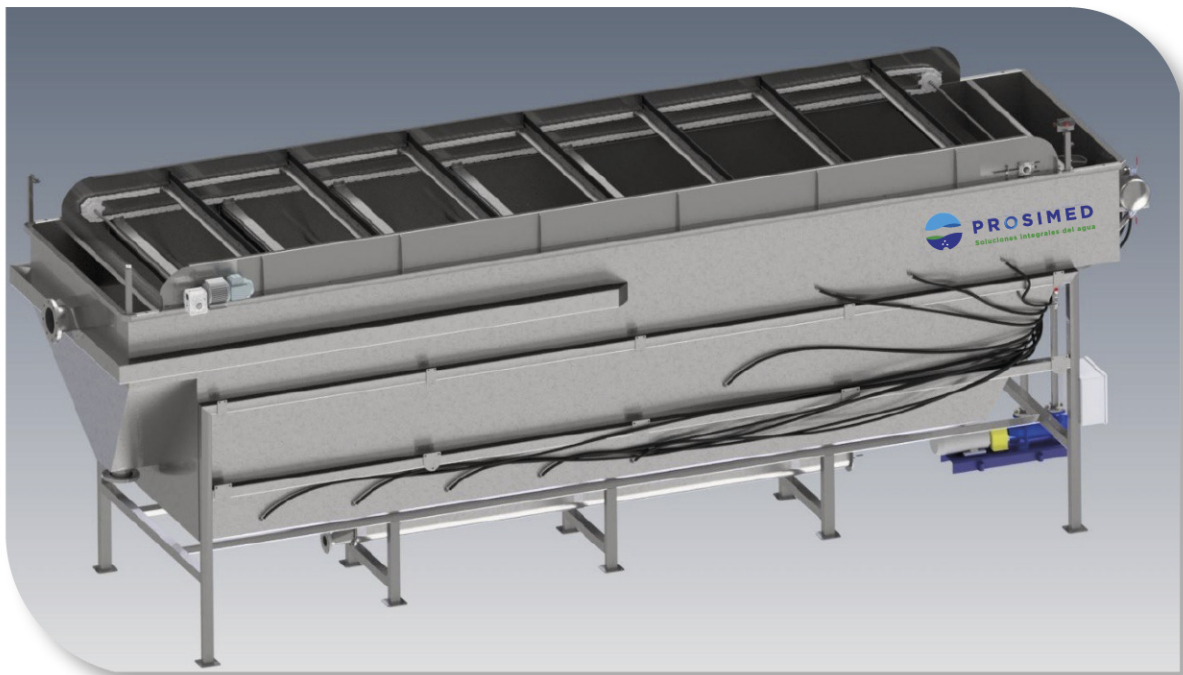
**PROSIMED**

Soluciones integrales del agua

**PROYECTOS Y SISTEMAS  
MEDIOAMBIENTALES S.L.**

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**FLOTATION SYSTEMS  
DAF-PRO**

## Introduction

PROSIMED S.L is a company specialised in water treatment and is committed to providing its customers with advanced water treatment solutions for a broad range of industrial applications. We have extensive experience in the sector and excel in offering high-quality, high-performance flotation equipment that guarantees efficient removal of contaminants.

Our flotation systems are designed with the latest technology and are adapted to each customer's specific needs. We work closely with some of the leading companies in the industry to provide customised, reliable solutions that meet the most demanding water treatment standards.

## Fabrication:



## BENEFITS OF OUR FLOTATION SYSTEMS

- **Superior efficiency:** Our flotation systems offer high capacity for removal of suspended solids, oil, grease and other contaminants to produce water of exceptional quality.
- **Cost saving:** The flotation systems we supply offer cuts to operating costs by minimising maintenance requirements and optimising contaminant removal efficiency.
- **Adaptability and flexibility:** We design modular, customisable flotation systems to suit each customer's specific needs and to adapt to a wide range of industrial applications. Compact solutions on skids.
- **High level of automation**
- **Easy installation and operation:** Our flotation systems are delivered pre-assembled and are very easy to install and operate. We also offer full technical support to ensure trouble-free operation.

## EQUIPMENT DESCRIPTION

Its characteristic pressurised water injection system and mixing channels distribute the pressurised water homogeneously with the flocculated water across the entire surface of the equipment, providing exceptional performance. Elements that cannot be floated (settling solids) are removed by means of a lamella system designed to work in countercurrent laminar flow.

## COMPONENTS

The equipment consists of a pneumatic panel to enable control and regulation of the volume and pressure of air introduced to the multiphase pump. A touch screen-enabled electrical panel and programmable automation system can be supplied to provide control over the flotation equipment and peripheral elements with a remote management system and optional communications module.

## SECTORS

- Waste managers
- Sludge thickening
- Paper mills
- Abattoirs
- Egg products
- Pharmaceutical industries
- Agri-food sector
- Municipal sector

## APPLICATIONS:



## MODELS

MODEL	DAF-PRO 5	DAF-PRO 10	DAF-PRO 15	DAF-PRO 20	DAF-PRO 40	DAF-PRO 80
Flow rate (m <sup>3</sup> /h)	5	10	15	20	40	80
Length (mm)	2600	4000	4600	6000	8700	12200
Width (mm)	1200	1500	2000	2000	2000	3000
Height (mm)	2500	2500	2800	2800	2800	2800
Sludge discharge	Pneumatic valve	Pneumatic valve	Worm screw + Pneumatic valve	Worm screw + Pneumatic valve	Worm screw + Pneumatic valve	Worm screw + Pneumatic valve
Working pressure	4-6 Bar	4-6 Bar	4-6 Bar	4-6 Bar	4-6 Bar	4-6 Bar



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## COMPREHENSIVE WATER TREATMENT