



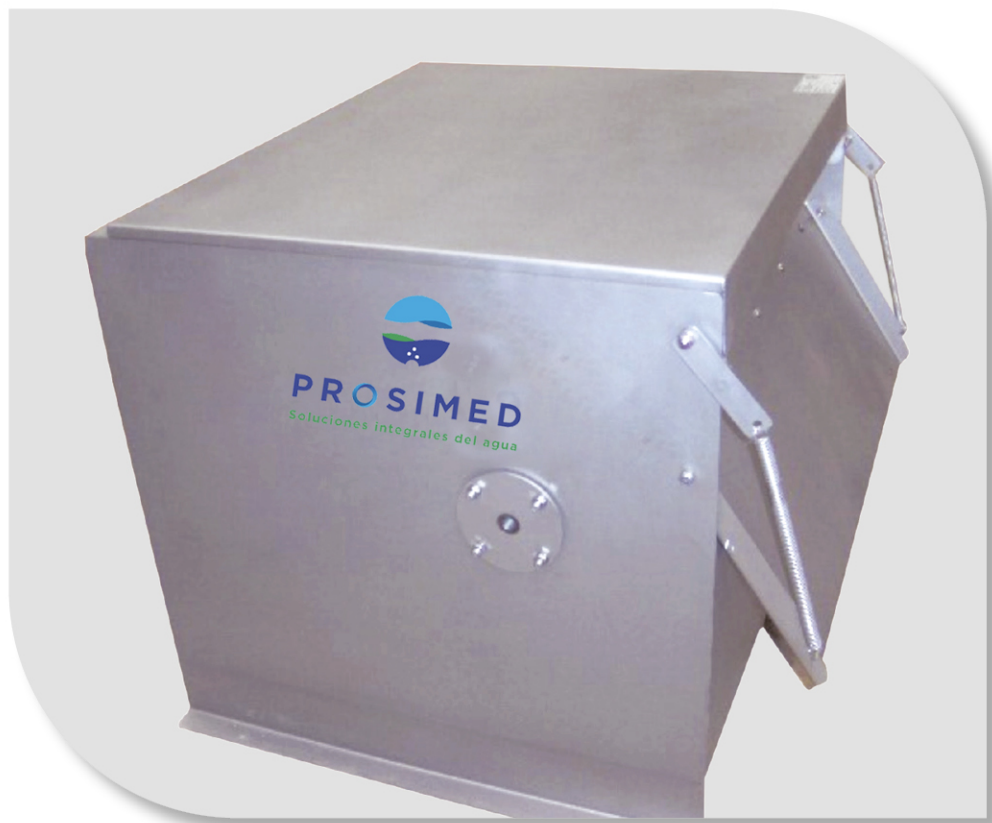
PROSIMED

Soluciones integrales del agua

PROYECTOS Y SISTEMAS MEDIOAMBIENTALES S.L.

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ROTARY FILTER ROT-PRO

SCREENING PROCESS

ROT-PRO ROTARY FILTER

ROT-PRO is equipment designed for screening wastewater. Readied to work outdoors under adverse conditions, it excels in its simplicity, robustness, easy installation and low maintenance. It is manufactured entirely in stainless steel (AISI 304 or AISI 316 grades), so ensuring a long equipment service life. Raw water is passed through the filtering surface of a drum, where the solid particles are retained. The drum rotates driven by a geared motor and slides over a scraper to detach the solids from its surface, while the filtered water is evacuated by gravity.

All models incorporate a self-cleaning system, enabling backwashing of the drum by spraying pressurised water onto its inner surface. It has a housing with flanged connections to the charging, discharging and relief process. It has a lid to ease access to the inside of the equipment.

COMPONENTS

FILTER DRUM

- There are drums of different diameters, lengths and mesh sizes to adapt the equipment to the required working conditions. Depending on the characteristics of the solid to be retained, the meshes range between 0.25 mm and 5 mm.

SPECIAL ACCESSORIES

- Option for process connections distributed according to customer needs, manufacture of solid waste collection hoppers, platforms for raised installation, safety sensors, lid damping, etc.

MODEL	Mesh size [mm]	0.50	0.75	1.00	1.50	2.00	2.50	3.00
SERIES 24	Rot. PRO 24-50 (m ³ /h)	35	50	40	70	80	90	95
SERIES 35	Rot. PRO 35-50 (m ³ /h)	50	70	65	100	115	125	135
	Rot. PRO 35-80 (m ³ /h)	85	115	105	160	185	200	220
	Rot. PRO 35-100 (m ³ /h)	100	135	120	190	220	240	260
SERIES 60	Rot. PRO 60-100 (m ³ /h)	185	250	215	345	400	420	450
	Rot. PRO 60-150 (m ³ /h)	285	380	340	525	600	670	725
SERIES 90	Rot. PRO 90-150 (m ³ /h)	415	555	565	760	880	975	1,050
	Rot. PRO 90-200 (m ³ /h)	560	745	785	1,025	1,185	1,310	1,400

Customer sectors we work in

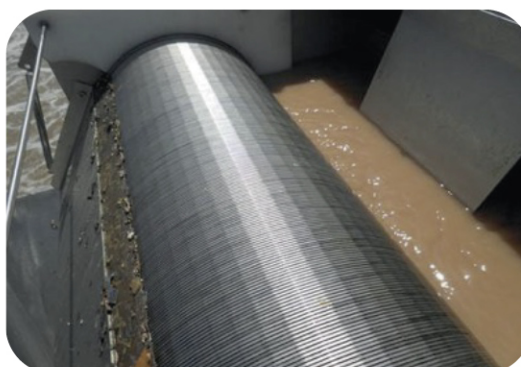
CUSTOMER SECTORS WE WORK IN

- Abattoirs
- Fish canneries
- Waste management
- Paper industry
- Pharmaceutical industry
- Food-grade oil industry

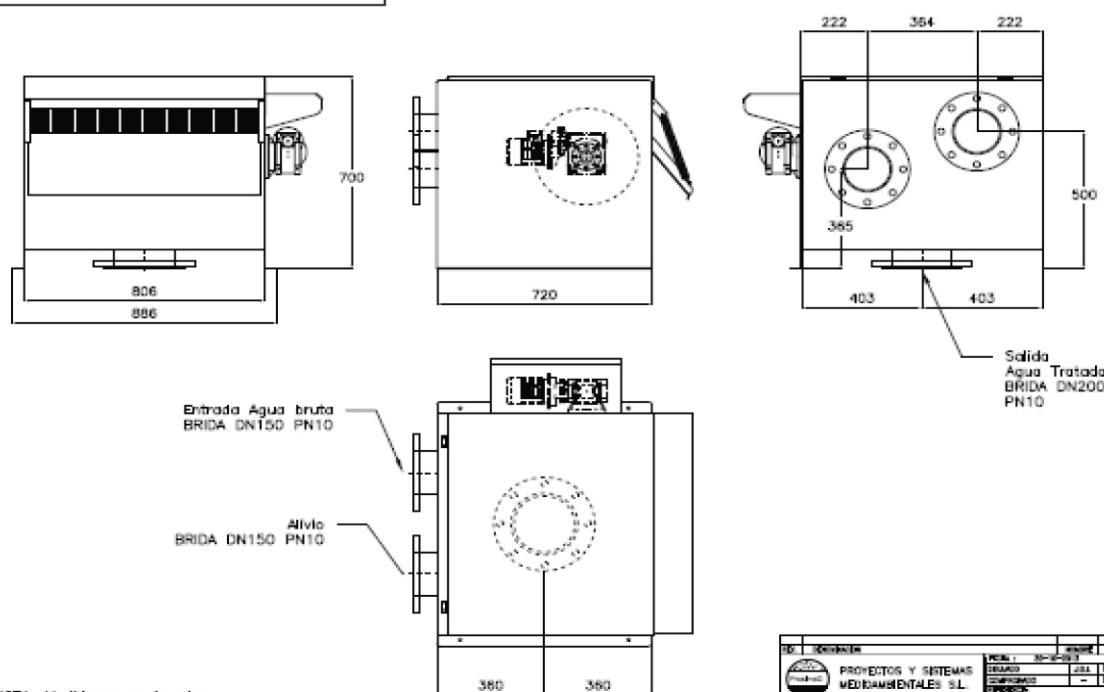


PRETREATMENT IN MUNICIPAL WWTPS (REMOVAL OF OILS AND FATS).

- Egg products industry
- Cold meat companies
- Dairy and cheese industry
- Leachates
- Sludge thickening
- Etc.



Rotofiltro Modelo 35-80



NOTA: Medidas aproximadas, expresadas en mm.

NO. Identificación	PROYECTO Y SISTEMAS MEDIOAMBIENTALES S.L.	FECHA: 30-02-2013	ESQUEMA	REV.
ELABORADO		2013	REV.	1.01
COMPROBADO			REV.	1.03
APROBADO				
TÍTULO DE PLANO: ROT.FRO 35-80		CANTIDAD DE PLANO: 001		



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COMPREHENSIVE WATER TREATMENT