

Installation area
ATEX - ZONE 1



TYPICAL APPLICATION
**600 to 10.000
l/24 h**



Low pressure oil
recirculating pump



Automatic
functioning



Touch screen
and PLC



Self-cleaning



Vacuum distillation

HR 600-1200

ALL OUR EXPERIENCE IN A SINGLE MACHINE

Safe, robust and practical - our HR series distillers are the most advanced on the market, designed for highly specialised industrial applications. Their sophisticated mechanical and electrical design allows the user to easily convert hazardous waste into a resource. A variety of configurations and a wide range of accessories are available to **satisfy the most diverse requirements with unbeatable performance**.

Their **efficient processes** output **highly concentrated sludge with considerably reduced energy costs**. All operations, from loading the exhausted solvent to discharging the sludge, are automatic and totally safe for the operator. The energy required to effect the change is delivered by a dedicated heater with intelligent modulated power control, and a high capacity, low pressure oil pump assures optimal heat exchange. A low speed agitator with antistatic Teflon blades prevents residue building up on the heating surfaces, thus assuring effective heat transfer and constant performance throughout the system's service life.

All cycle parameters are monitored by the PLC and displayed in real time on the machine's on-board touch screen display; the vacuum level and compressed air supply pressure are reported by analogue indicators located next to the control panel.

Model	Installed power	Loading capacity	Productivity
HR 600	44 kW	580 l	600 to 3.600 l/24h
HR 1200	66 kW	1.200 l	1.200 to 10.000 l/24h

THE BENEFITS OF THE HR SERIES

AUTOMATION

- continuous distillation of large amounts of solvent without operator supervision
- safe operation thanks to numerous process control sensors

EFFICIENCY

- minimal manual operation required during distillation, for considerable time savings
- very compact footprint, despite the machine's high capacity
- cost savings over multiple independent distillation systems

EASE OF USE

- the touch screen display reports all process parameters
- remote monitoring with automatic notifications

RELIABILITY

- long service life thanks to the use of stainless steel and highly resistant materials
- guaranteed 24/7 operation thanks to a robust design adapted to industrial applications

SAFETY

- conforming with the highest standards, with materials treated for resistance to any mixture
- ATEX/UL/EAC certification for unbeatable safety



