

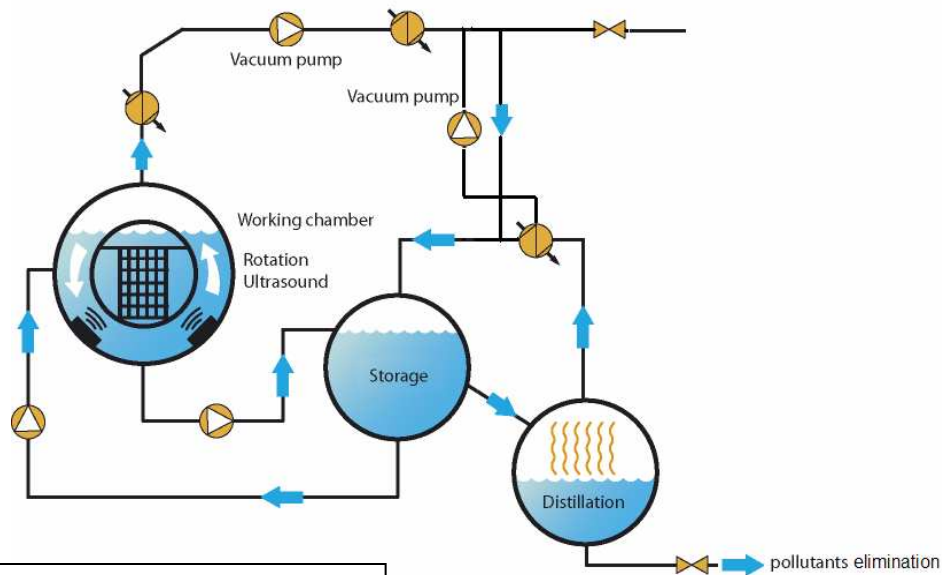
MACHINE FILE - UDA

This is a vacuum sealed degreasing process utilising A3 solvents, developed to substitute perchlorethylene and thus simplifying the environmental constraints. A3 solvents have a degreasing capability with a large number of oils and greases and are inert towards the majority of materials

Applications :

Removal of oil, grease, particles ...

Principal of operation :



Standard cleaning cycle :

- 1) Immersion cleaning plus ultrasonic agitation
- 2) Immersion rinsing plus ultrasonic agitation
- 3) Vapour rinsing
- 4) Primary vacuum drying



UDA 40 machine



UDA 120 machine with load/unload conveyors

TECHNICAL FILE - UDA

Machine characteristics :

	UDA 40	UDA 120	UDA 240
Working tank volume (litres)	40	120	240
Basket dimensions paniers (mm)	1 machining tote pan 410 x 230 x 140 mm	2 machining tote pans 410 x 230 x 140 mm ou 320 x 220 x 150 mm	4 machining tote pans 410 x 230 x 140 mm ou 320 x 220 x 150 mm
Machine dimensions * (mm)	2400 x 1300 x 2200 mm	3000 x 2000 x 2200 mm	4500 x 1550 x 2750 mm
Maximum charge load (kg)	50	100	200
Maximum solvent volume (litres)	95	350	600
Cycle time (cycles/hour)	3-4	8-12	5-8
Ultrasonic power output (W)	1200	1800	2400
Distillation power rating (kW)	4	12	18
Overall power rating (kW)	15	35	70

* excluding conveyor and electrical cabinet

Standard equipment :

Ultrasonic equipment – see table for power output, frequency 25 - 40 kHz.

Electrical heating – see table for power output

Temperature control with digital display, mounting trays

Integrated cooling water system (-30°C)

Tank construction – stainless steel (AISI 316 L), thickness: 20/10 mm for holding and distillation tanks;), thickness: 30/10 mm for working tank; deburr after welding

Heating tanks – fibreglass insulation, thickness 50 mm

Machine frame – profiled semi-hardened steel, anti-rust paint colour: grey (RAL 7037), adjustable feet

Cover panels – steel sheeting, epoxy paint, colour: grey (RAL 7035)

PLC controller - supplier: Télémécanique (Siemens or Allen Bradley if requested)

Process parameter display on XBT-GT screen

Options :

Automatic load and unload from a conveyor system

Baskets

Secondary distillation

Holding tank filters

Chiller unit

Electrical supply :

400 volts tri-phase + Neutral + Earth, see table for power rating

Sound level :

Estimated: 80 dBA (dependent upon options)

Safety standards :

Manufactured according to European Directive CEE 89392 (14/06/89) and standards 92765-92766-92767 (29/07/92)

CE marking