



Amsonic ModuLine

CX-Cyclic Extraction
Advanced (Vacuum) Ultrasonic-Cleaning and Drying System

Amsonic ModuLine

*Fully enclosed system
with high reliability automation*



Machine 3ML 30/40-2CX-1VD



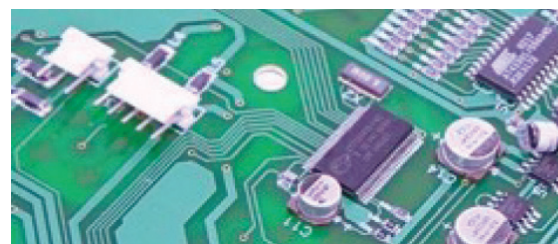
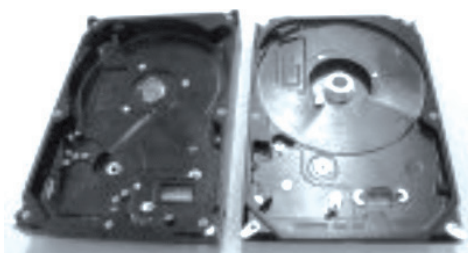
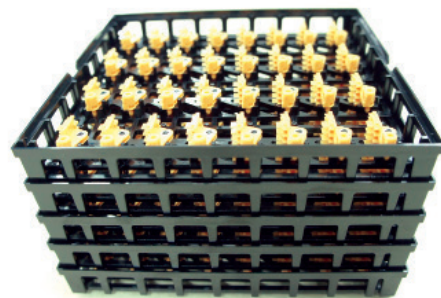
Robot-Automatisation



Feed-in/-out

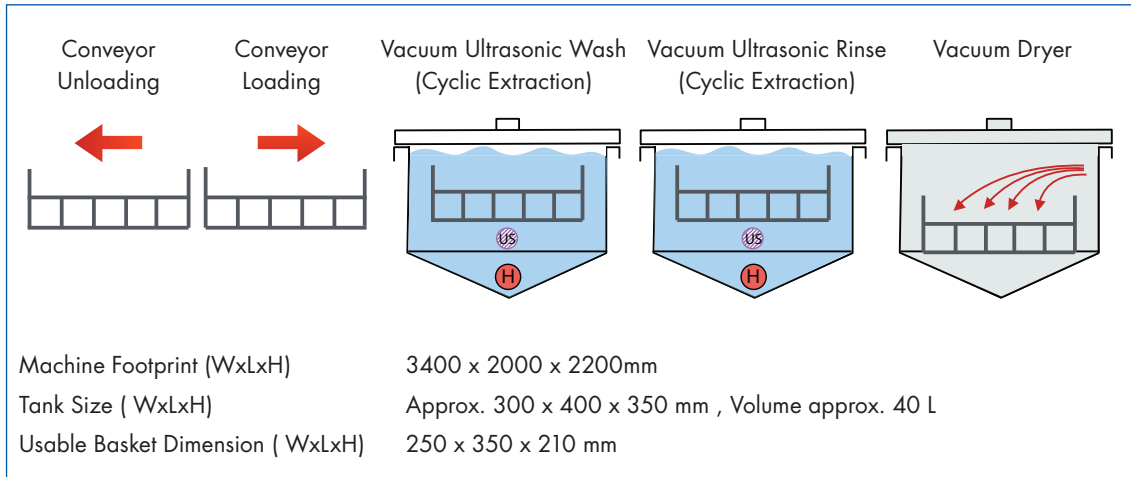
Able to clean various parts

- Flexible Process Programme able to cater cleaning on various parts
- Multiple wash and rinsing cycles programmable
- Cyclic vacuum extraction (CX) in every process-phase possible



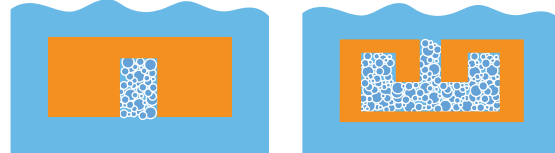
Advanced vacuum process technology

Compact but flexible process-management with vacuum extraction technology



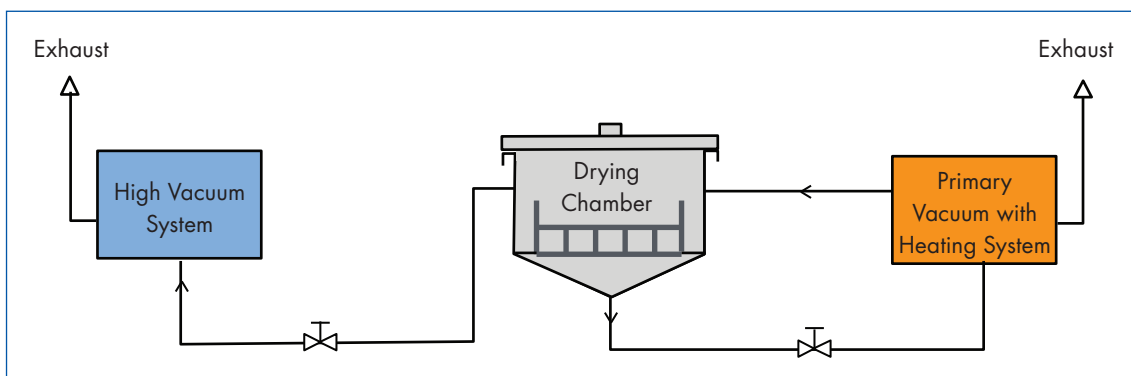
Vacuum wash- and rinse (CX)

- CX can even reach shadow areas and blind holes
- Provides superb cleaning results for sophisticated 3-dimensional products.

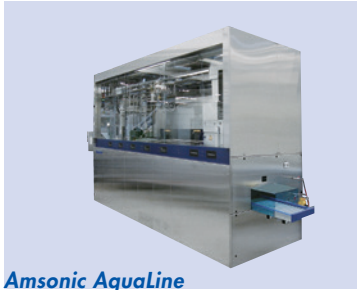


Vacuum hot-air-dryer

- Short Cycle Time & Consistent Drying Result, even for synthetic parts
- Do not Required Special Parts Orientation Arrangement inside Process Basket
- Low Temperature System; no Damage to Thermal Sensitive Parts
- Low Energy Consumption; efficient Running Cost



Your centre of competence for precision cleaning



Amsonic AquaLine

Hamo/Amsonic offers a wide range of water-based and closed circuit A3 solvent based cleaning units that provide thorough cleaning processes for various industrial sectors:

Water-Based Precision Cleaning Equipment (Ultrasonic)

Amsonic AquaLine / ModuLine

High performance-Ultrasonic-Precision-Cleaning equipment

Amsonic FlexLine

Ultrasonic compact equipment



Hamo 210

Water-Based Spray Cleaning systems

Hamo 210 / 420

Spray-cleaning and drying equipment for life sciences- and medical-devices applications



Hamo PG 800

Pharma-Conform Spray Cleaning systems (cGMP)

Hamo PG 800 / 1300

Pharma-Conform (cGMP) Cleaning equipment in single or double door execution (Bio Seal)

Amsonic Hamo HPM

High pressure cleaning systems (>80 bar) for pharmaceutical application



Amsonic 4000

Solvent-Based Precision Cleaning Equipment

Amsonic 4000 / S41

Solvent-based Ultrasonic equipment (Class A3) Cleaning under vacuum, above or below flash point

Detergents / Additives

Amsonic PreciClean / Hamo liquid

Water based detergents



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