



Amsonic ModuLine

CX-Cyclic Extraction

Advanced (Vacuum)

Ultrasonic-Cleaning and Drying System

Fully enclosed system with high reliability automation



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



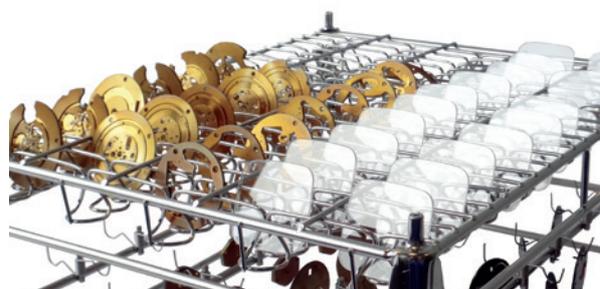
Robot-Automatisation



Feed-in/-out

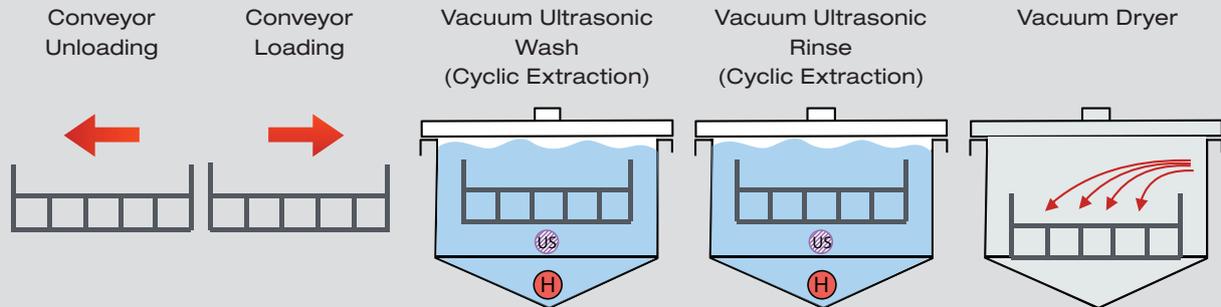
Able to clean various parts

- 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



Compact but flexible process-management with vacuum extraction technology

Advanced vacuum process technology



Machine Footprint (WxLxH)

3400 x 2000 x 2200mm

Tank Size (WxLxH)

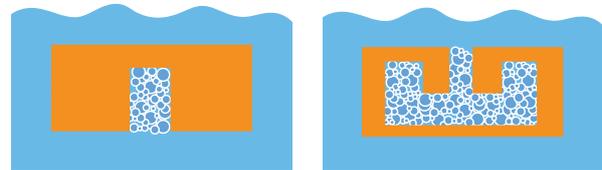
Approx. 300 x 400 x 350 mm , Volume approx. 40 L

Usable Basket Dimension (WxLxH)

250 x 350 x 210 mm

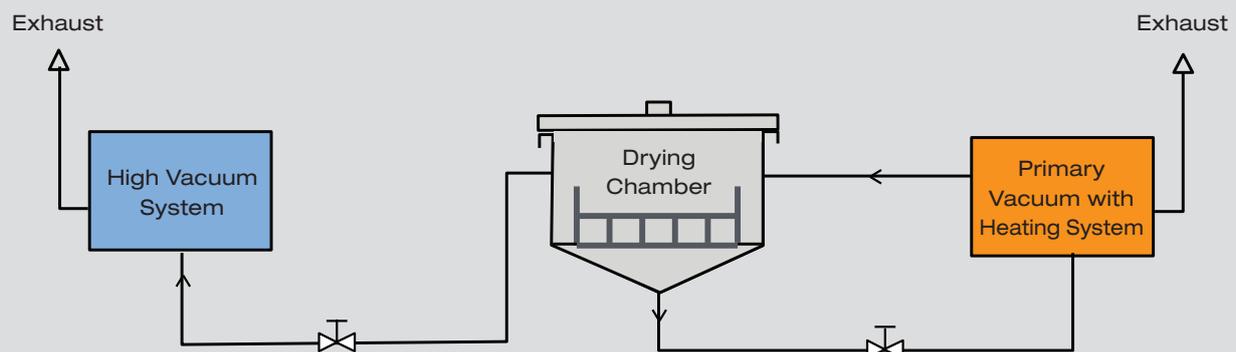
Vacuum wash- and rinse (CX)

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

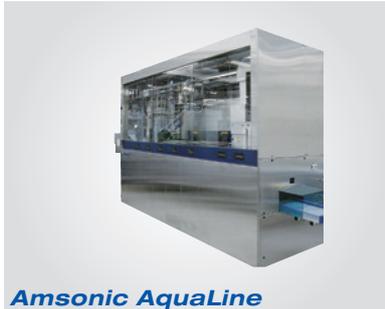


Vacuum hot-air-dryer

- Short cycle time & consistent drying result, even for synthetic parts
- No 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



Hamo 210

Water-Based Spray Cleaning systems

Hamo 210 / 420 / 840

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 400 R

Solvent-Based Precision Cleaning Equipment

Amsonic 400 R Serie

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

Detergents / Additives

Amsonic PreciClean / Hamo liquid

Water based detergents



Switzerland:

Amsonic AG (Headquarter)

CH-2504 Biel/Bienne

Phone: +41 (0)32 344 35 00

amsonic.ch@amsonic.com

Germany:

Amsonic GmbH

D-78467 Konstanz

Phone: +49 (0)7531 122 180

amsonic.de@amsonic.com

France:

Amsonic SAS

F-69970 Chaponnay/Lyon

Phone: +33 (0)437 28 18 00

amsonic.fr@amsonic.com