



Ultrasonic Cleaning,
Innovative Thinking

MOLD S

VST LINE

Ultrasonic Mold Cleaning



Mold cleaning **for plastics**

Die cleaning **for aluminium and its alloys**

Mold cleaning **for rubber**

Excellent quality results and the most inexpensive cleaning process

New Fisa generators for ultrasonic mold cleaning are the new standard for industrial applications due to their exceptional reliability and effectiveness.

Regarding mold maintenance, cleaning is a crucial and costly phase.

The **VST LINE** for ultrasonic mold cleaning is able to effectively solve the problems of cleanliness and cost.

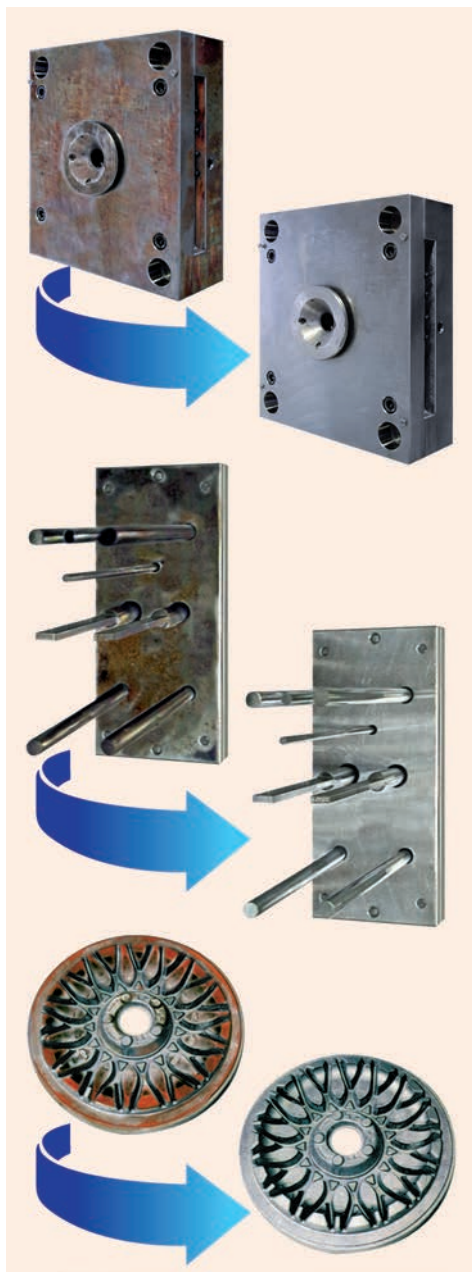
The molds are submerged in Stainless Steel AISI 316L tanks. Under the action of ultrasounds combined with specific detergents, a perfect cleaning is obtained even in cavities which are inaccessible with traditional cleaning methods, thus protecting the mold cavities from erosive processes.

The use of acids or mechanical abrasions is not necessary.

Furthermore, the entire cleaning operation is completed in an exceptionally short time, without entirely disassembling the mold.

FISA is the mold cleaning expert ►

VST LINE Specifications and technical characteristics



The VST Line for ultrasonic mold cleaning covers every cleaning and protection need, in order to eliminate contaminants and preserve the mold from possible oxidation until its next use.

■ Mold cleaning without abrasions

The optimal cleaning without abrasion extends mold life and maintains constant production quality. This results in a reduction of operating costs and significant savings.

■ Deep cleaning without residues

The most complex molds are perfectly cleaned in each of their most inaccessible cavities and blind spots.

Mold cleaning for plastics

Working residues (scraps) and every kind of contaminant are eliminated, leaving the mold ready for immediate use.

Die cleaning for aluminium and its alloys

Completely eliminate soldering and flashes, lubricant build-up, oxides, greases, graphite, calcium deposits, and every other contaminant.

Mold cleaning for rubber

Beyond the oxides, oils and gas, coloring agents can also be eliminated, protecting the mold surfaces.



Standard model range

Type of tank	Ultrasound effective power W	Maximum mold weight kg	Capacity litres	Heating power kW	Available liquid dimensions		
					Length mm	Width mm	Height mm
VST 150	1400	500	150	6	400	620	600
VST 350	2800	500	350	8,5	500	850	800
VST 700	5600	2000	700	25,5	1250	600	1050
VST 1000	5600	3000	1000	25,5	1250	800	1050
VST 2000	8400	5000	2000	51	1600	1000	1250

Other dimensions available upon request

■ Save time and labor

Disassembling, scraping, sandblasting, and polishing the mold are no longer needed with Fisa ultrasonic cleaning, saving significant amounts of time and labor.

■ Ecological process

Cleaning without chemicals is impossible: but the most aggressive and damaging chemicals are substituted with more environmentally friendly ones.

■ Fisa cleaning machines are "custom made": they address any cleaning challenge

There is almost no limit to the tank volume. We maintain an optimal ratio between mold dimension and tank capacity.



Fisa technical support

We always invite our customers to come and see a demonstration of the efficiency of our system on an industrial-sized installation in our labs. FISA customer support starts from the design stage and continues for the entire lifetime of the machine.