



CREATING INDIVIDUAL TECHNOLOGIES

**YOUR RELIABLE PARTNER FOR
CRUSHER SYSTEMS**

**CRUSHER SYSTEMS FOR
PUR-FOAM PARTS**

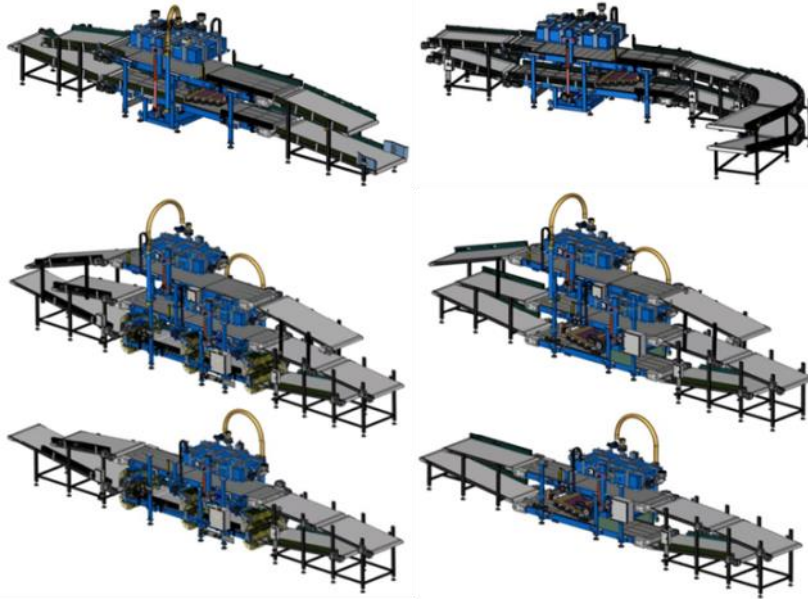
www.albatools.com



Already executed
production flow
solutions

ALBA STANDARD CRUSHER SYSTEMS

Alba is an internationally active and recognized technology provider. We manufacture fully automatic vacuum and roller crushers of the highest quality. We also have the integrated conveyor technology and the adaptation of the required cycle times in our portfolio. Alba develops innovative systems for all requirements.



CRUSHING PROCESS

A crushing process is indispensable for good foam part quality. Our crusher systems deliver the highest standards worldwide.

Variable, multi-stage design up to three levels in mixed design roller crusher/vacuum crusher possible depending on component variety. All foam parts with inserts always run through the vacuum crusher system.

MIXED CYCLE TIME

The design is based on the needed mixed cycle time requirements of the production plant, the shortest possible times between demoulding and crushing are realised.

All foamparts are brought together on a central conveyor belt after the multi-stage crushing processes.

Countless systems developed by Alba are in use worldwide in three-shift operation with low maintenance.





ALBA TECHNOLOGIES

As a partner of renowned production companies, we have many years of experience in crusher systems and meet the highest standards in terms of precision, quality, and adherence to delivery dates. The ecological idea is always in the foreground.

VACUUM CRUSHER

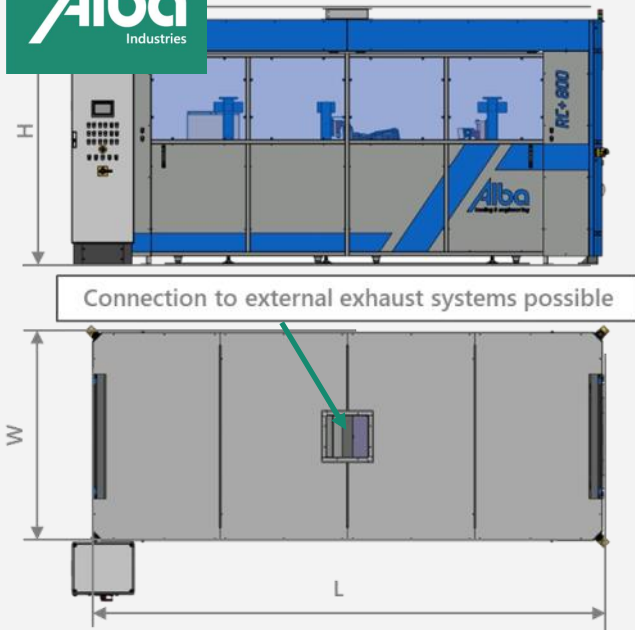
- | **Two performance levels available:**
Standard: Vacuum crusher cycle time about 20 sec.
(2 times - 850mbar at sea height level)
Tuned: Vacuum crusher cycle time about 14 sec.
(2 times - 850mbar at sea height level)
- | **Number of crush cycles and pressure adjustable via PLC**
- | **Inside-Dimensions vacuum caisson: 1800x850x300mm**
- | **Vacuum crusher #2 can be installed later on**
- | **Reliable ATLAS COPCO or KAESER vacuum screws**
- | **Including complete safety equipment**

VACUUM SCREWS

All necessary parameters such as pressures, number of crush cycles, intermediate aerations and repetitions can be freely adjusted via the PLC.

The vacuum screws used are low-maintenance, quiet and of compact design. The resulting waste heat can be used for other processes or discharged to the outside via pipes.





ALBA STANDARD CRUSHER SYSTEMS CRUSHER-COMBINATIONS

Main dimensions

Overall height H	~2,5m
Overall width W	~2,0m
Overall length L	~5,0m

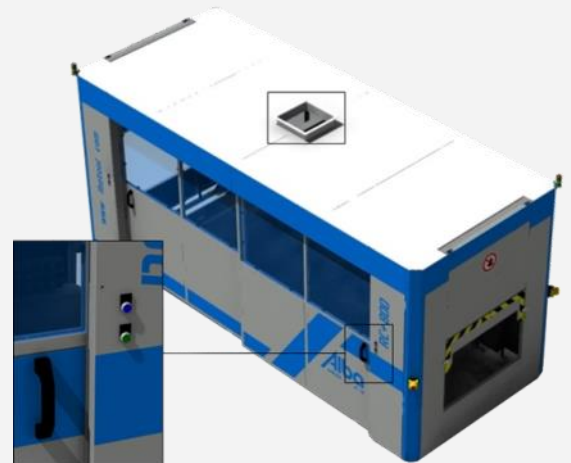
EXPANDABLE SYSTEMS

Our systems can grow with your production requirements and are modularly expandable if considered within the initial order.

The required interfaces are taken into account in advance, and expansion is possible within a few days via plug-in connections and mounting flanges if the additional components are prepared accordingly!

SAFETY HOUSING

Maintenance access:	by 4 sliding doors
Green button:	unlock door / stop RC
Blue button:	door reset
Exhaust connection on top:	see sketch
Emergency stop buttons:	on 3 corners
Signal lights:	on 2 diagonal corners
Operation protection flap:	on infeed side
Sheet metal parts:	RAL 9001 cremewhite
Design strips:	RAL 5015 skyblue



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