

**ALD Vacuum Technologies**

High Tech is our Business

# VR VACUUM ROASTER

GENTLE VACUUM ROASTING OF POTATOS & VEGETABLES



LOW ACRYLAMIDE  
CHIPS ON AN  
INDUSTRIAL SCALE



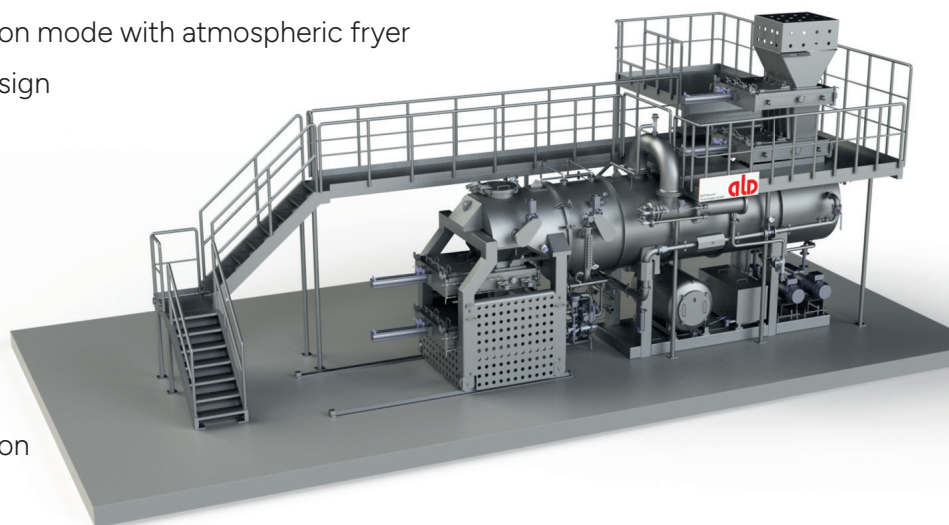
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## Vacuum Roasting of Potatoes & Vegetables

- ▶ Leading process for the production of fried chips made of potatoes, yams, apples and other high sugar products without browning
- ▶ Low acrylamide content due to low frying temperatures (below 150 °C)
- ▶ Operation in single and combination mode with atmospheric fryer
- ▶ Compact and energy-efficient design

### FEATURES

- ▶ Automatic oil level control
- ▶ Illuminated view ports
- ▶ Cleaning-in-Place (CIP) system
- ▶ PLC controlled fryer operation
- ▶ Made of stainless steel
- ▶ Exhaust line with oil mist elimination
- ▶ Easy maintenance access



TECHNICAL DATA		
Product		sticks/stix, chips/crisps made of potato, yams, apple, beetroot, carrot
Product capacity (potato-sticks)	[kg/h]	1000
Water condensing capacity	[l/h]	90 - 200
Electrical energy	[kW]	80
Cooling water	[m³/h]	5
Heating capacity (frying oil)	[kW]	100 - 350
Temperature frying oil	[°C]	max. 150
Consumption of frying oil	[m³/h]	5
SPACE REQUIREMENTS		
maximum L x W x H	[m]	10 x 2.4 x 4.65
Length (opened)	[m]	10
Width	[m]	2.4
Height	[m]	4.65



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