

VPI Inertgas Pneumatic Presses

With a host of upgrade and customization possibilities, the SRAML VPI Inertgas series combines all the advantages of VP pneumatic presses while allowing the pressing process to be completed in a protected environment saturated with nitrogen to prevent oxidation.



Inert atmosphere pressing is highly effective in the prevention of undesired oxidations. In addition, careful air exclusion during the winemaking process enhances flavour and contributes to the production of fresh and vibrant white wines, recognised by varietal character, intense primary aromas and rich flavour.

SRAML INERTIS system provides the ultimate solution for loading, pressing and juice collection in a completely oxygen-free atmosphere to **preserve natural antioxidants** and **delicate aromatic precursors** throughout pressing, which is a crucial step in the wine quality turn.



VPI Inertgas Pneumatic Press features include:

- The INERTIS system establishes inert atmosphere during loading, pressing and juice collection to protect sensitive natural antioxidants and aromatic precursors in grape juice
- Large touchscreen terminal with
 - A number of preset pressing cycles and personalized options,
 - Graphical display of the pressing procedure and progress,
 - Juice selection system,
 - The possibility of reprogramming during operation, and
 - Power pressing
- Axial loading valve
- Ultra-quiet and highly efficient Becker compressor for high-pressure pressing
- Built-in fan for rapid inflation at low pressure
- Hermetically closed collection tank with inspection door
- Watertight sliding door with inflatable seal and pneumatic open-close mechanism enables easy interior access for safe loading, unloading and cleaning
- Hinged sides to provide complete access to the rotating drum during cleaning and unloading
- Hygienic design to facilitate cleaning and maintenance

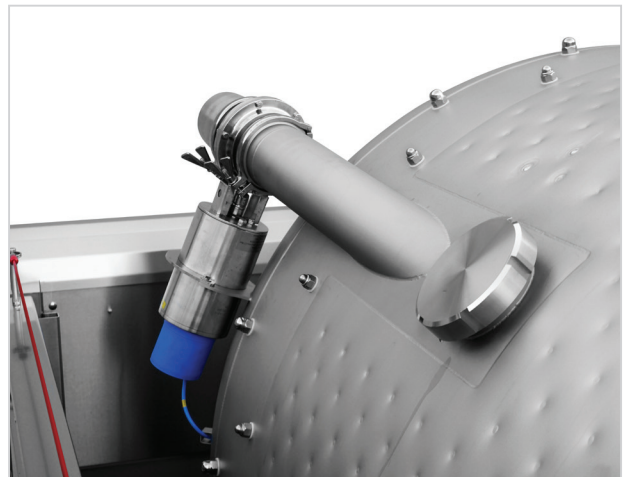
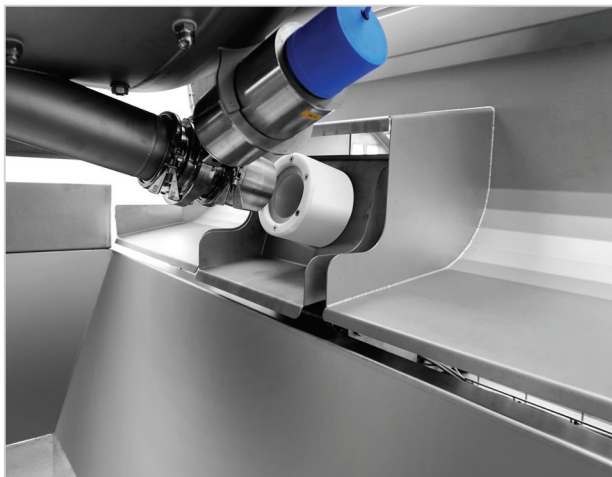
Product specifications

Main features

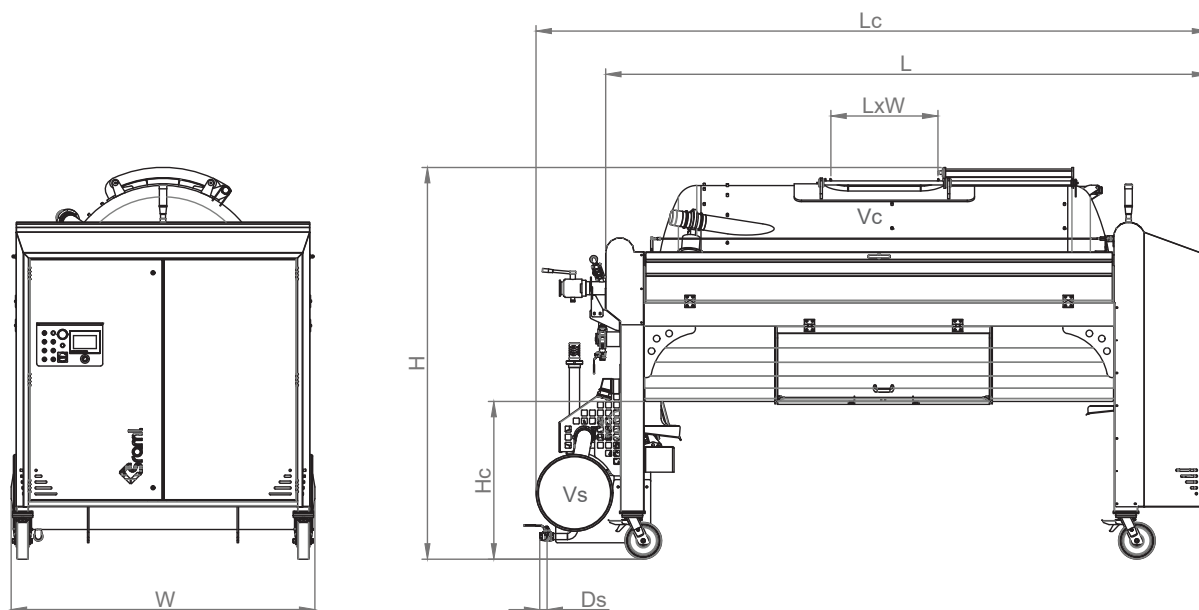
- Made entirely of stainless steel
- Dual-brake swivel casters
- Cylinder rotation to both sides: left-right
- Watertight sliding doors with inflatable seal
- Pneumatic door open-close mechanism
- Central juice outlet on the cylinder
- Elevated press
- Large opening for efficient cleaning
- Quiet BECKER vane compressor
- Quiet fan for fast airflow: up to +0,2 bar
- Quiet fan to vacuum the membrane
- Axial loading
- AT automation with touch screen
- Cleaning opening (Ø80-100mm)
- Smart speed rotation
- Juice selection functions
- Docking unit with pinch membrane valve
- Separate manual operation of the press
- Safety cord with interlocks on both sides and at the back of the press
- Large door opening on the cylinder
- Hermetically closed collection tank with inspection door
- Central opening of the upper sides
- Central opening of the lower sides
- INERTIS system: The inert gas system allows the grapes to be pressed in a controlled atmosphere, preventing the juice to come into contact with oxygen during the process

Options

- Pneumatic (pinch) valve for axial loading
- Automatic AT (10" touchscreen)
- Remote control
- Weighing system
- Acoustic alarm on central loading
- Drainage channels on hinges
- Cooling jacket on the cylinder — not insulated
- Staircase platform
- Motorized movement of the press
- Overhead loading hopper
- Crusher with overhead loading hopper
- In-line pH monitoring and regulation



Technical data



		VP21i	VP26i	VP32i	VP44i	VP52i	VP60i	VP80i	VP100i	VP120i	VP150i
Cylinder volume Vc	L	2100	2600	3200	4400	5200	6000	8000	10000	12000	15000
Length x Width (door) L x W	mm	730 x 440									
Sink diameter Ds	Ø	1¼"	1¼"	1¼"	1½"	1½"	1½"	1½"	2"	2"	2"
Sink volume Vs	L	180	200	200	380	380	380	600	600	700	700
Length with axial loading Lc	mm	3670	3840	4340	4580	5080	5660	5550	6550	6200	6700
Length L	mm	3180	3370	3870	4100	4600	4980	4900	5900	5550	6050
Width W	mm	1600	1720	1760	2000	2000	2000	2360	2360	2450	2450
Height H	mm	2220	2330	2330	2670	2670	2670	3120	3120	3450	3450
Marc discharge height Hc	mm	850	850	850	1000	1000	1000	1150	1150	1150	1150
Power supply with built-in compressor	kW	5	6	7	8,5	12,2	12,2	23	23	27	32
Dry weight	kg	950	1200	1370	1630	2130	2530	3700	3950	4800	5330
Whole grapes – loading via door opening	kg	1150–1600	1430–2000	1760–2500	2400–3430	2860–4050	3300–4680	4400–6240	5500–7800	6600–9360	8250–11700
Fresh destemmed grapes – axial loading	kg	3880–5300	4800–6550	5920–8000	8140–11000	9600–13100	11100–15120	14800–20160	18500–25200	22200–30250	27700–37800
Fermented grapes – axial loading	kg	5450–7350	6750–9100	8320–11200	11440–15400	13520–18200	15600–21000	20800–28000	26000–35000	31200–42000	39000–52500

Standard features and add-ons

(closed-cage model only)

Features and options	VP21i	VP26i	VP32i	VP44i	VP52i	VP60i	VP80i	VP100i	VP120i	VP150i
Made entirely of stainless steel, sandblasted weldment frame, cylinder and sliding door	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dual-brake swivel casters	✓	✓	✓	✓	✓	✓	○	×	×	×
Level switch for juice pump operation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inverter for cylinder rotation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PVC top membrane	✓	✓	✓	✓	✓	✓	✓	×	×	×
Polyurethane membrane	○	○	○	○	○	○	○	✓	✓	✓
Quiet BECKER vane compressor (m3/h)	40	60	80	100	140		250		400	
SRAML fast inflation fan system: up to +0.2 bar	✓	✓	✓	✓	×	×	×	×	×	×
SRAML fast membrane vacuuming fan system	✓	✓	✓	✓	×	×	×	×	×	×
Becker vacuum and pressure professional blower: up to +/-0.3bar	×	×	×	×	✓	✓	✓	✓	✓	✓
Fully automatic with 10" touchscreen AT automation (10 pre-installed pressing programs, individually programmable)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Separate manual operation of the press	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Safety cord with interlocks on both sides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sliding door with pneumatic drive and inflatable seal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hermetically closed collection tank and with inspection door	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Docking unit with pinch membrane valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Juice central outlet from cylinder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Elevated press	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Upper side panel for opening on both sides	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lower side panel for opening on both sides	✓	✓	✓	✓	✓	✓	✓	×	×	×
Axial loading in different size: DN100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Axial loading in different size: DN120	○	○	○	○	○	○	○	○	○	○
Electrical connection: 3×400 V/ 50 Hz	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Other electric supply	○	○	○	○	○	○	○	○	○	○
Add-on extras on request	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Standard supply

○ Optional

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 Not available

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