



I Application

The CGR (Compact Grape Reception) provides a complete, precise and independent processing of the harvest. Analyses of PH, ° Brix, temperature and volume allows us to qualify the processed harvest. The skid also provides an automatic and accurate dosing of SO₂ to ensure an effective protection of the grapes. The main advantage of the skid is the possibility to treat the harvest in the vineyard due to its mobility and compactness.

I Principle of operation

The CGR skid consists of a hopper, de-stemmer, crusher and a positive displacement pump. The hopper is provided with an auger that transports the harvest to the de-stemmer and to the crusher. At the outlet, the samples are measured for pH and ° Brix to set the correct dosage of SO₂ by a volumetric pump. Finally, the grapes are transferred by an NTE progressive cavity pump or a PV peristaltic pump. A complete and automated control of the CGR unit allows us to have, throughout the process, all the necessary data for a correct traceability of the harvest on its way from the vineyard to the cellar via a GPRS system.

I Design and features

- Hopper with auger feed.
- De-stemmer and crusher.
- Pressure transducers, temperature and level probes.
- PH sensor (Hamilton).
- Refractometer - °Brix sensor (K Patents).
- Electromagnetic flowmeter.
- Volumetric pump for SO₂ dosing.
- NTE progressive cavity pump or PV peristaltic pump.
- Completely automated. Control by a touch screen.
- Remote maintenance and traceability (Ethernet or GSM).

Progressive cavity pump NTE



Refractometer - °Brix sensor K Patents



I Options

Now, there is only one model of the CGR skid.
 Transfer pump: NTE or PV.
 Crusher with adjustable rollers.
 Density meter.
 Acidity meter.

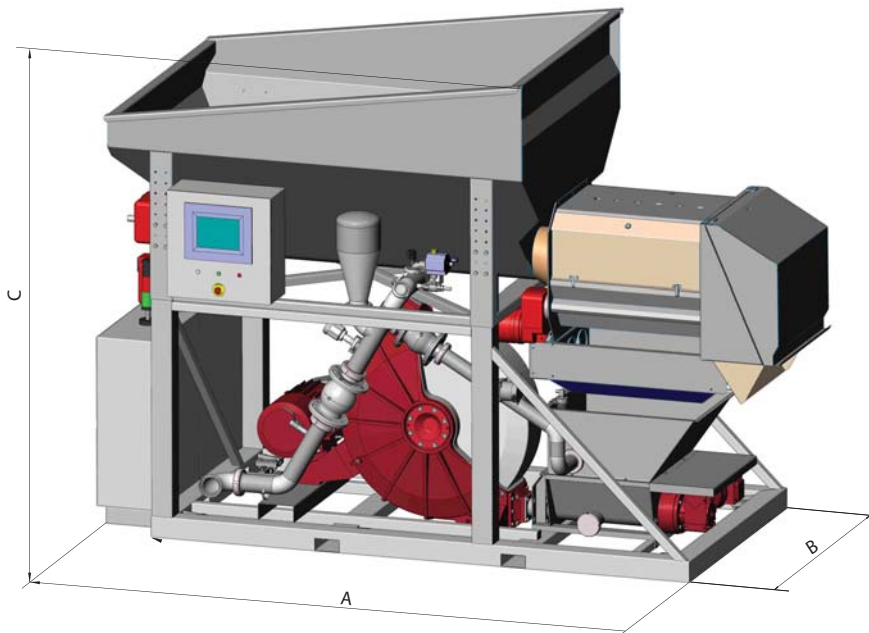
I Technical specifications

Non-stop operation.
 Control over output by means of frequency invertors.



Model	Power [kW]				Production [t/h]	
	Pump / Hopper	De-stemmer	Crusher	Hopper	min.	max.
CGR 8 - 12	5,5 / 1,1	1,5	1,1	3	8	12

I General dimensions



Model	Pump outlet DN	Dimensions* [mm]			Weight [kg]
		A	B	C	
CGR 8 - 12	80 o 100	3310	1550	2310	1500

*Approximate dimensions



The information contained in this brochure is for guidance only. We reserve the right to modify any material or feature without notice in advance. For further information, please, consult our web site. www.inoxpa.com

