



# Homogenizer

## Gaulin 132CPR

### Introduction

The Gaulin 132CPR homogenizer, a five plunger, positive-displacement, reciprocating pump, was specifically designed to replace the aging Crepaco homogenizer. It is fitted with an application-specific homogenizing valve assembly and hydraulic actuation. As a high-pressure pump, this unit can be fitted with a relief valve or bypass flow control valve. The Gaulin 132CPR homogenizer incorporates a durable slow-speed power end that reduces vibration and noise. Easy access to the hydraulic actuation system, lubrication oil and other auxiliary systems simplifies maintenance; saving time and money. The Gaulin 132CPR features a Gaulin mono-block design (ball and poppet style).



*Gaulin mono-block design*

As a standard, the homogenizer is equipped with a Stellite XFD homogenizing valve.

Designed to simplify routine maintenance, materials for plungers, packings, pump valves, valve seats and seals are custom-selected for your application. APV engineers will work with you to optimize the configuration for your specific application.

### Standard Options

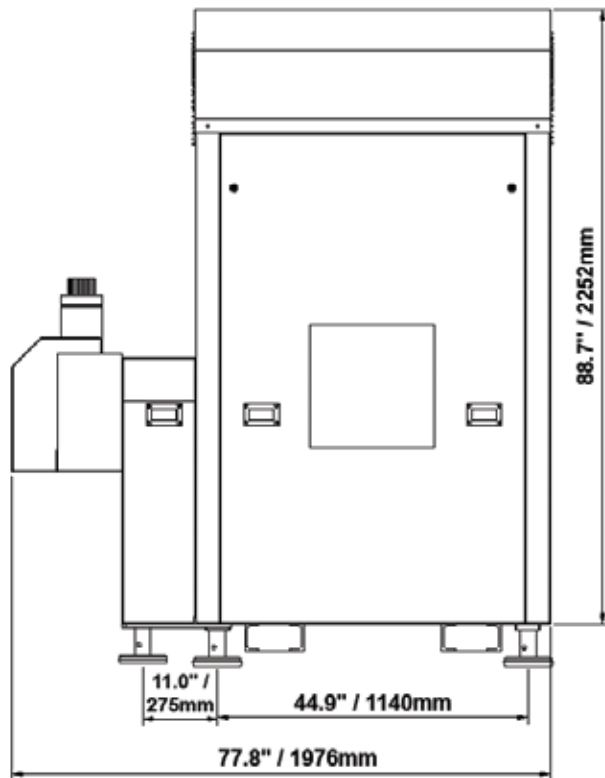
- Two-stage hydraulic valve actuation (HVA)
- Single-stage automatic hydraulic system (AHS)
- Two-stage automatic hydraulic system (AHS)
- Pulsation dampener(s) on inlet and outlet
- Aseptic cylinder design
- Electronic pressure transmitter excl. display
- High-pressure outlet
- Inlet pressure gauge
- Plunger lubrication control package
- Micro-Gap homogenizing valve
- Tungsten carbide homogenizing valve
- External cooling fan/main motor
- Motor starter
- Control cabinet, stainless steel
- Thermostat/oil temperature

### Special Options

- Acid-proof cylinder
- Ceramic plungers with U- or V-rings
- Explosion-proof design
- Electropolished wettables
- High-temperature design
- Flow switch - power end cooling

## Gaulin/Mono-Block Design

Type	US max. cap./max. press.		Metric max.cap./max. press.	
	GPH	PSI	LPH	BAR
<b>Poppet Type Valves</b>				
1.5	9000	1500	34000	100
2.0	6600	2000	25000	150
2.5	5020	2500	19000	170
3.0	4490	3000	17000	210
<b>Ball Type Valves</b>				
1.5	8720	1500	33000	100
3.0	4225	3000	16000	210



## Dimensions (Single Stage)

Dimensions packed in a crate DxWxH (in.)	Dimensions packed in a crate DxWxH (cm)	Cubic measure m <sup>3</sup>	Gross weight in a crate, incl. motor:
88 x 83 x 103	224 x 211 x 262	12.4	12,346 lb./5,600 kg

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