

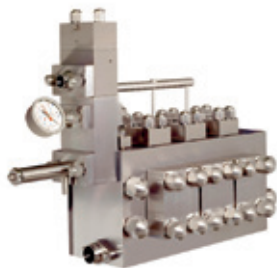
Gaulin 132CPR

Introduction

The Gaulin 132CPR homogeniser, a five plunger, positive-displacement, reciprocating pump, was specifically designed to replace the aging Crepaco homogeniser. It is fitted with an application-specific homogenising 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 homogeniser 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).

As a standard, the homogeniser is equipped with a Stellite XFD homogenising 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 optimise the configuration for your specific application.



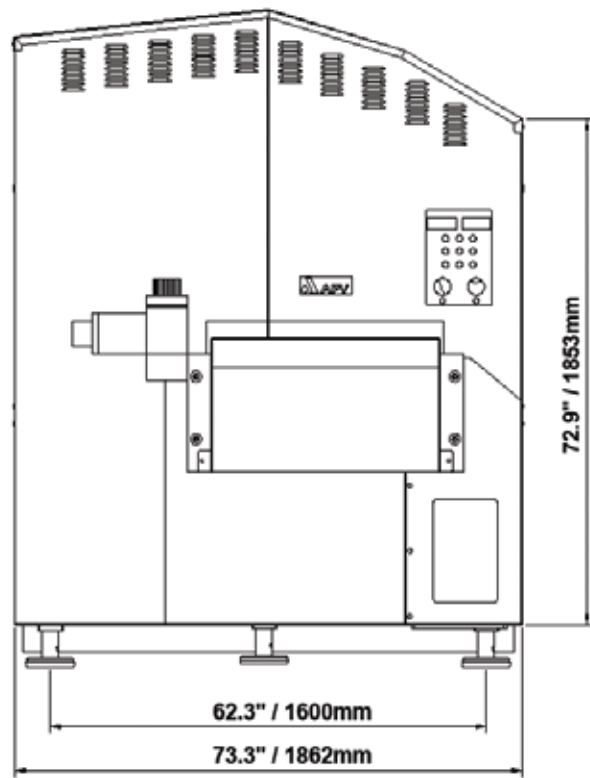
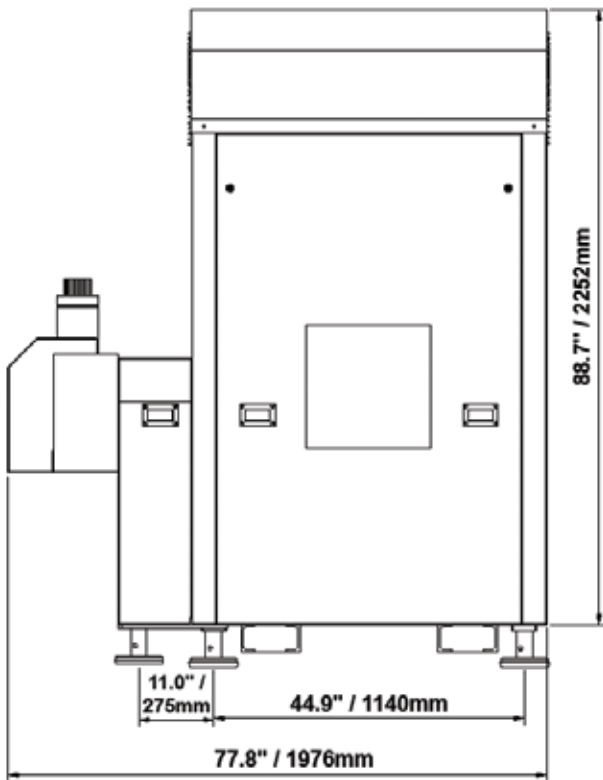
GAULIN MONO-BLOCK
DESIGN

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 homogenising valve
- Tungsten carbide homogenising 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

GAULIN/MONO-BLOCK DESIGN		
TYPE	US MAX CAP./MAX. PRESS.	METRIC MAX. CAP./ MAX. PRESS.
	GPH (PSI)	LPH (BAR)
Poppet Type Valves		
1.5	9000 (1500)	34000 (100)
2.0	6600 (2000)	25000 (150)
2.5	5020 (2500)	19000 (170)
3.0	4490 (3000)	17000 (210)
Ball Type Valves		
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 ³	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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