



# SKID MOUNTED VAPORIZER 50 - 500 M3/HR

## CRYOGENIUS INDIA LLP

### Our Strength:

We are specialize in designing and manufacturing of cryogenic tanks. We work closely with each of our customers to ensure that your system is designed properly, further ensuring your system is built to operate at peak efficiency

our system components and product designs provide the highest levels of performance at the lowest operating costs.

## Pressure Drop in Lazer Operation ?



We offer cryogenic Skid Mounted vaporizer for the following liquefied gases:

- Liquid nitrogen (LIN)
- Liquid argon (LAR)
- Liquid oxygen (LOX)
- Liquid carbon dioxide (LCO<sub>2</sub>)
- Liquid natural gas (LNG)
- Liquid nitrous oxide (LN<sub>2</sub>O)

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# TECHNICAL SPECIFICATION



Fitted with High Pressure Regulator

SKID MOUNTED VAPORIZER		Service		END CONNECTION DETAILS	
		N2, O2, Ar, LNG		Inlet Connection	Outlet Connection
Model Number	Service	Flow Rate SCFH	LBSH		
CGI-SK50V-LP	LIN/LOX/LAR	50	3	1/2 Inch FNPT	3/8 Inch FNPT
CGI-SK100-LP	LIN/LOX/LAR	100	6	1/2 Inch FNPT	3/8 Inch FNPT
CGI-SK150-LP	LIN/LOX/LAR	150	9	1 Inch FNPT	1/2 Inch FNPT
CGI-SK200-LP	LIN/LOX/LAR	200	11	2 Inch FNPT	1/2 Inch FNPT
CGI-SK250V-LP	LIN/LOX/LAR	250	14	1/2 Inch FNPT	1/2 Inch FNPT
CGI-SK300-LP	LIN/LOX/LAR	300	17	1/2 Inch FNPT	1/2 Inch FNPT
CGI-SK400-LP	LIN/LOX/LAR	400	23	1/2 Inch FNPT	1 Inch FNPT
CGI-SK500-LP	LIN/LOX/LAR	500	29	1 Inch FNPT	1 Inch FNPT

## STANDARD FEATURES

- 1.Modular design, Easy to move with Forklift under the size suitable for transportation, lower C.G and better stability
2. The overall skid-mounted integration, pre-commissioning will be done in 2 Hrs time , improves product reliability For 8-hour performance
- 3.Aluminum, 304 or 316 stainless-steel fluid passages
4. Design pressure to 44 Bar
5. Capacities to 50 - 5000 M3/HR in a single assembly
6. Applications include N2, O2, CO2, LNG and other gases
7. Manifold designs to suit pressure drop specifications
8. Inlet and Outlet Connections: NPT (National Pipe Thread), or ASME flange.
9. Multiple Inlet and Outlet connection will be customized.
10. Number of liquid cryogenic tanks to be optimized.

## ADVANTAGES

- Extremely low-pressure drop
- Minimal heat input when unit non-operational
- Continuous Operation 24 x 7
- No frost build-up around aluminum fins
- Designed to meet the market demand
- Easy movable with trolley wheels arrangements
- User friendly Zero maintenance cost



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