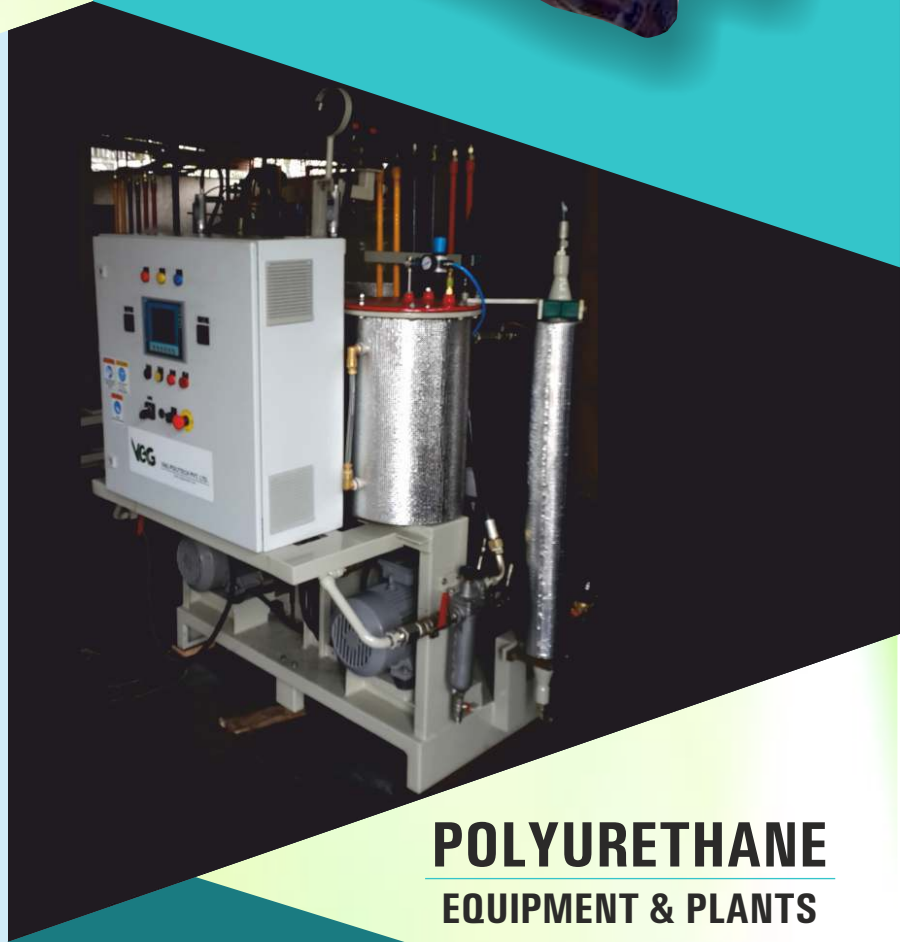
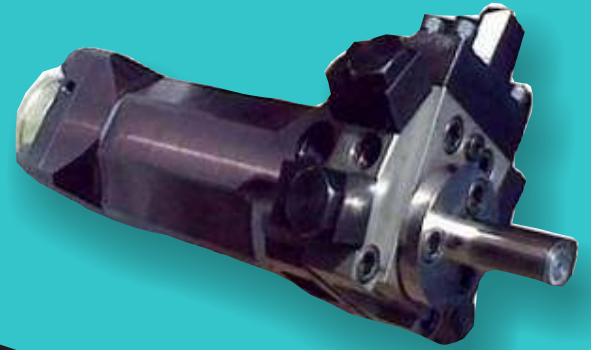




VEG

VAG POLYTECH PVT. LTD.



**POLYURETHANE
EQUIPMENT & PLANTS**



USING “cfc”
FREE TECHNOLOGY



Established in 2007 (VAG Enterprise) by a Triumvirate of dedicated and focused professionals pooling together an experience of more than 40 years in the Polyurethane Industry.

SOLE MARKETING REPRESENTATIVES IN INDIA for :-



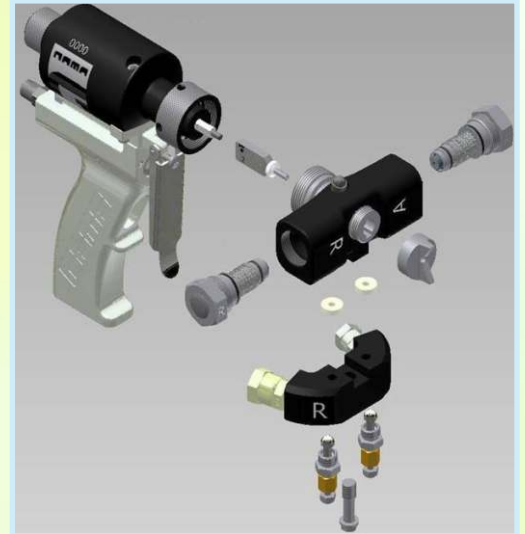
* COMI s.p.a. Inline Thermoforming Machines & Laser Cutting Systems

COMI are world leaders for the incycle processing of plastic materials with thicknesses upto 8mm. The basic machine can be completed and enlarged with additional accessories & groups such as automatic loading and unloading and pressure forming. COMI also offers Laser Cutting Systems for plastic materials & wood.



* F.LLI ROSSI

Foaming equipment technology for Refrigeration Appliances. Specialized in automatic plants for the foaming of domestic and commercial refrigerated appliances, fixtures and foaming cores, offering customized solutions.



* GARRAF MAQUINARIA S.A.

Game Proportioners represent the best and most efficient partner for high quality applications. The Evolution Series equipment together with the new Master & Star spray guns have been designed and manufactured to optimize maximum spray techniques and minimize operator fatigue for both PUR / Polyurea and Epoxy systems applications. This has resulted to make GAMA equipment synonymous with high reliability.



VAG PRIME SERIES

Designed, Manufactured & Assembled in INDIA.

High pressure foaming machine with high performance features:-

Tank 60/100 liters capacity with water jacket & low speed stirrer (option) for homogenous blending of components.



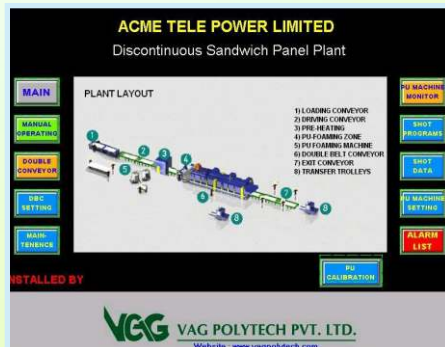
Magnetic level switches for components loading with visualization. Pt100 probe for components temperature control. Self - cleaning filter on dosing pump suction. Axial Piston/Hardened Gear pumps with variable delivery via frequency drive/inverters. Volumetric flow-meter with close - loop facility. Double contact digital pressure gauge with remote alarm signal. Self-cleaning mixing head with safety positioning switches. Hydraulic power pack with automatic control for mixing head and flow-valve managing. Operator Control panel with PLC unit for sequential control. 5' Touch screen operator panel for easy viewing of machine parameters. Temperature control via PID system integrated inside the PLC unit. Troubleshooting of each alarm remote on Operator Panel. Selection of 12 different foaming cycles, possible to set timer and flow rate. Close-loop control of the flow rate via CAM-BUS between PLC and inverters. The VAG-PRIME series High Pressure Foam Dispensing unit using cfc-free technology has been specially designed & manufactured for tropical conditions.



VAG PRIME

TECHNICAL FEATURE'S:	DESCRIPTION
PUMPS	HIGH PRESSURE - PISTON/GEAR
TANK CAPACITY	60/100/200/300 LTRS
MACHINE OUTPUT	30 / 60 / 100 KG/MIN
WORKING PRESSURE	100 - 175 BAR
TANK WORKING PRESSURE	4 BAR
MAGNETIC COUPLING	ISO SIDE
HYDRAULIC POWER PACK	25 / 40 / 75 LTRS
FILTERS	SELF CLEANING TYPE
WORKING AREA OF BOOM (optional)	3 MTRS
STIRRER ON TANKS	POL + ISO - (2NOS)
AIR PRESSURE REQUIRED	5 BAR

MODEL	OUTPUT @		OUTPUT @	
	MIN	MAX	MIN	MAX
PRIME-30	50	300	50	250
PRIME-60	100	650	175	950
PRIME-100	100	1650	550	1250



RETROFITTING

Our Engineering and Technical Services team, have shown their skill and ability in the service of our client whenever a challenging task has been assigned to us. In the past 3 years, we have repaired, reconstructed and retrofitted sandwich panel plants both discontinuous and continuous, retrofitted machines to optimize final production parameters thereby allowing our clients to minimize investment in new plant and machinery, saving our country's precious foreign exchange.



CONVERSION TO CYCLOPENTANE

The need for replacement of the current in use blowing agent HCFC 141-b has become an absolute necessity as each day goes. Only ZERO-ODP blowing agents will be allowed for sustainable and environment friendly processes. Our team of engineers have a vast experience in setting up plants for processing CYCLOPENTANE. Depending on our clients' process parameters and budget we recommend both the drum as well as the underground storage tank solution. Our services include complete Engineering, including safeties, training together with an assistance for Final Certification.



VAG PANEL PRESS

Together with providing technical services, our Engineering Department has rapidly established itself as a quality manufacturer supplier of equipment for the Polyurethane Industry . The most general & common applications in our market are Cold Store Panels, Sandwiched elements used in AHU & Enclosures used for Housing Telecommunication Equipment with Metal Facing. Depending on production parameters & budget our customer can choose from a wide range of hydraulically operated UPSTROKING panel presses of types MULTIDAYLIGHT as well as our 1+1 or 2+2 system.

3000 x 1500 (mm) upto 4500 x 1500 (mm) with 2,3 or 4 daylight. (System Multidaylight)
4500 x 1500 (mm) upto 16000 x 1500 (mm) system 1+1 or 2+2 daylight.

GENERIC FEATURES

Loading /Unloading on long side with fixed platens and short side with movable platens.

Clamping force ranging from 60 upto 265 tonnes subject to final design specifications. Heated platens composed of MS sheet each with a raw thickness of 16mm.

Between the sandwiched plates are heating tubes for hot water recirculation to optimize platens working temperature. Total overall thickness of each sandwiched platen is 72mm and machined on both sides.



Hydraulic Power Pack is designed and assembled with components of reputed make and hydraulic cylinders are fitted with imported seals to ensure a long life.

Cylinders are designed and crafted with high quality seamless steel pipes. Shafts are chrome plated and fitted with imported gaskets.

Movable platens are mounted on wheel brackets each having its individual drag chain to carry heated hoses, cables and in out movement is with the help of geared motor mounted on the wheels.

Electrical Control Panel is mounted either on Press structure or supplied as a stand alone unit to operate the various controls.

Electrical Boiler is mounted on the press for the recirculation of hot water to maintain optimum working temperature of the platen.

Demoulding system may be supplied as an option subject to final specifications.

The **ADVANTAGES** of the VAG Panel Press are :-

Production capacity/ Simplicity/Flexibility/Cost The **UNIQUE FEATURE** in the 1+1 & 2+2 process is that the platens continue to be heated even when outside the Press during preparation stage, enabling the undersheet to be preheated and ready for foaming once the platen slides inside the Press structure and clamped. This improves the flow pattern and helps filling of the entire panel. In other terms this process is similar in terms of a discontinuously continuous process.

VAG **VAG POLYTECH PVT. LTD.**

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We reserve the right to improve the features of our equipment at any time without prior notice.