

BEETLE HIGH PRESSURE TESTING SYSTEMS



A Product of GEM

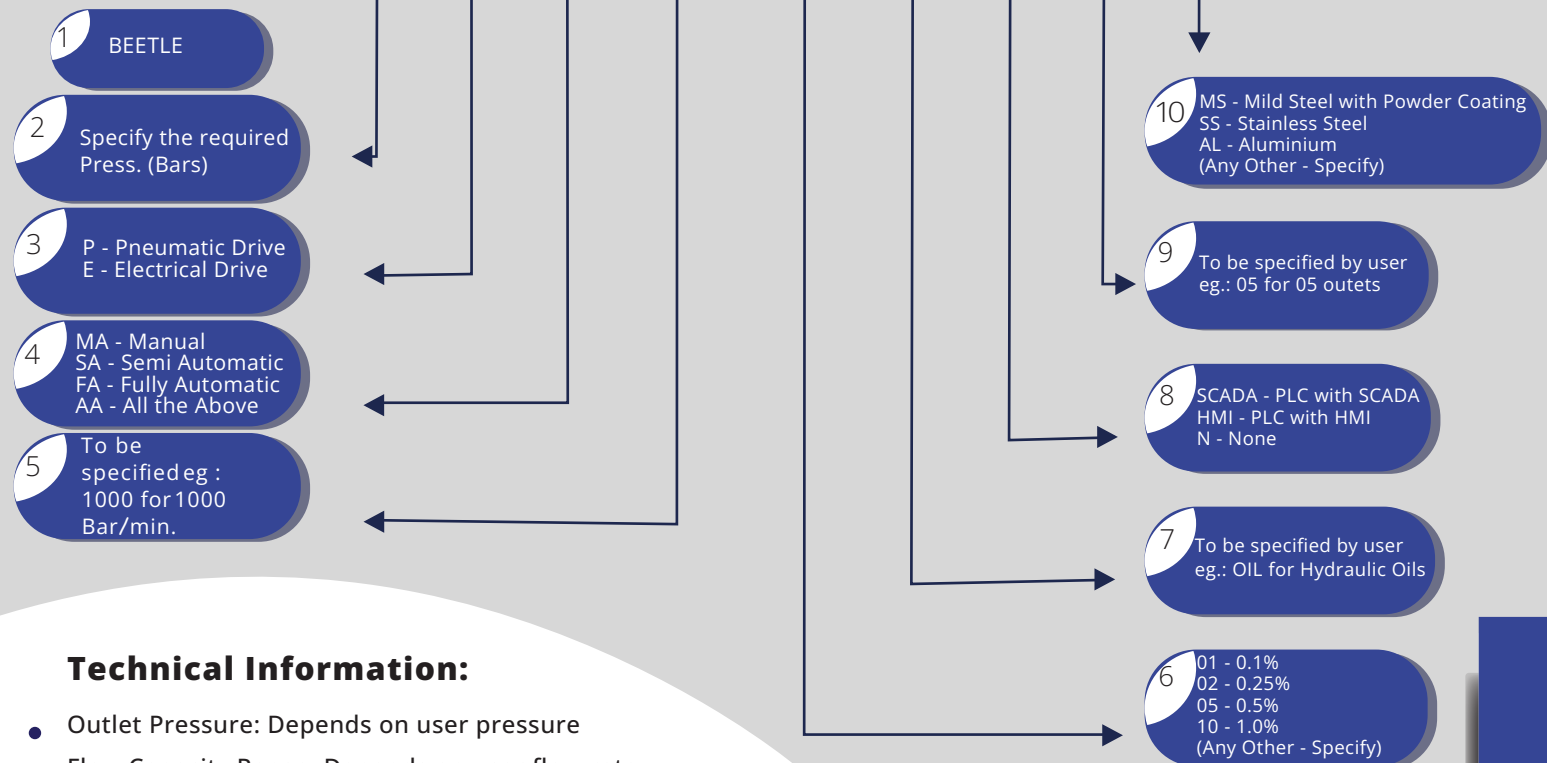
- The BEETLE series is a robust pressure testing systems for hoses, pipes, Quick connects and other objects which is an ideal system for Hose and other manufacturers. With this hydrostatic assembly test, leak test, proof pressure test and burst can be effortlessly accomplished.
- To save time, the cover is pneumatically operated and to guarantee safety needs to be opened by two-hand operation. With its spacious design, hoses can be loaded into the cabinet on pallets reducing loading time significantly.
- With Automatic or Manual control the Beetle series becomes an ideal system for hose and testing of other components.

Benefits & Features:

- To prevent operator mishap, an air cylinder locking mechanism is integrated into the testing machine.
- To reduce overall testing period, the system is equipped with pre-filling pump with bypass line.
- Visual de-air indication is installed to verify that the testing object is properly de-aired without opening the cover.
- To perform visual inspection of the hose during testing, the cover is made from see through impact resistant material.
- The spacious testing area ensures easy loading of testing objects (e.g. pallets, boxes) by forklift which reduces time and manual labour.
- The perforated floor inside the cabinet ensures clean placement of test objects and simplifies draining after the testing cycle.
- To increase durability of the system, all wetted parts are from non-corrosive material to avoid corrosion and cavity.
- Multiple ports can be provided based on requirement.
- Custom report generation possible with PLC based system.
- Systems available up to 10,000 bar testing pressure.

Model Selection Chart:

1	2	3	4	5	6	7	8	9	10
Series	Required Pressure	Drive	Mode of Operation	Max. Rate of Pressurization	Accuracy of System	Working Media	Interface	No. of Outlets	Material of Body
BEETLE	250	P	FA	1000	05	OIL	SCADA	05	MS



Technical Information:

- Outlet Pressure: Depends on user pressure
- Flow Capacity Range: Depends on user flow rate
- Noise Level: <85 dBA
- Weight: ~600 Kg
- Temperature: 0-50 Deg C
- Outlet Connections: As per Request
- Max. Air consumption: 6 bar @ 50 CFM of flow rate (Not in our scope)
- Mediums: DM water, Petroleum Oils, Plain Water, Glycol mix water, Synthetic Oil etc.

GEM pressure systems is a manufacturer based in Hyderabad, India with years of experience in designing and manufacturing of custom built systems. Our systems are rugged, reliable and economical. It is suitable for various applications and compatible with wide range of fluids.

Industries served: Manufacturing, Aerospace, Defense, Oil and Gas and more

