

STOKES, 310-401 Description:

The Stokes 3" Series mechanical booster pumps provide high throughput pumps for industrial and arduous chemical applications. Utilizing reliable, rugged designs, these pumps offer a low cost, space saving pumping system.

Stokes, Models 306 & 310 blowers are single stage positive displacement vacuum booster machines. The blower consists of two double lobe impellers that are mounted in parallel, and rotate in synchronous mesh in a one-piece cylinder. As gas enters the inlet port it fills a cavity exposed by rotation of the impellers. The impellers continue to turn and trap a quantity of gas between the rotating impeller and blower casing. Further rotation pushes the trapped volume around the cylinder and out the discharge port.