

The Tech-Line E-X1 vacuum ram upgrade kit simply makes a great system even better.



# Tech-Line E-X1 Vacuum Ram Upgrade Kits

**The system can retrofit to all models of Pendulum™ or Larsen™ stall gates that use a vacuum cylinder.**

The vacuum cylinders are restricted in capacity by the milking machine vacuum level. As cows grow in size during pregnancy or simply as genetics improve, the efficiency of the cylinders is reduced. The system simply does not have the power to lift the gate from between cows.



By simply removing the vacuum cylinder and installing a compressed air ram your milking machine will experience numerous advantages:

- Milking machine vacuum will be used for what it is meant clean, quick and efficient milking
- Compressed air is instant, so gates will start moving and continue to move once the system is activated
- Gates will be lifted from between cows, ensuring cows can exit freely
- Easy to control ram speed and amount of force they can produce
- Positive locking feature to ensure your cows stay where they should
- Long life components for reduced service intervals.