

QUANTM[®]

Outperforming the Competition



QUANTM:

- Self-priming
 - AutoPrime feature
- Stalls against pressure
- Runs dry
- Seal-less
- Integrated control
 - Control the pump with a turn of the dial
 - I/O enabled
- On-board diagnostics
- Plug-and-play
- Configurations to suit nearly every application
- No gearbox
- Wide flow ranges
 - 1 – 120 GPM
- Easy maintenance
- Competitively priced with pneumatic pumps



Peristaltic:

- Self-priming
- Will **NOT** stall without external control
- Runs dry (*accelerates hose wear*)
- **REQUIRES** VFD or other control
- No diagnostics
- **REQUIRES** electrician to connect
- Limited hose and fitting options
- Gear reduction required
- **LIMITED** flow ranges per pump size
- **EXPENSIVE**
- Hoses expensive and difficult to change



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The Choice Every Time



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 - Pumps abrasive and highly corrosive material
- No gearbox
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 - 1 – 120 GPM
- Easy maintenance
- Competitively priced with pneumatic pumps

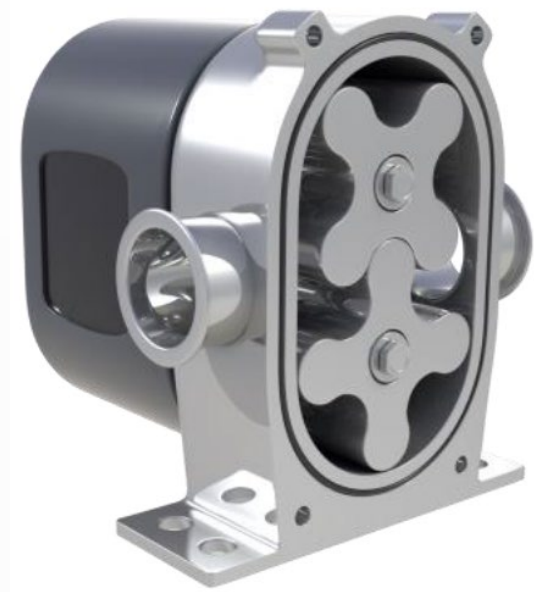
Progressive Cavity:

- Requires manual priming or flooded suction
- Will not stall without external control
- Cannot run dry (*severe damage will occur*)
- Requires VFD or other control
- No diagnostics
- Requires electrician to connect
- Limited material compatibility
 - No abrasives or corrosive materials
- Gear reduction required
- Limited flow ranges
 - High flow rates require very large pumps
- Expensive
- Rotors and stators expensive and difficult to repair



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Vs. The Competition



QUANTM:

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- Plug-and-play
- Configurations to suit nearly every application
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- No gearbox
- Wide flow ranges
 - 1 – 120 GPM
- Easy maintenance
- Competitively priced with pneumatic pumps

Rotary Lobe:

- Requires manual priming or flooded suction
- Will not stall without external control
- Cannot run dry (*severe damage will occur*)
- Requires VFD or other control
- No diagnostics
- Requires electrician to connect
- Limited material compatibility
 - No abrasives or corrosive materials
- Gear reduction required
- Limited flow ranges
 - High flow rates require very large pumps
- Expensive
- Lobe sets expensive and difficult to repair
- Mechanical seals expensive and difficult to repair



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Redefining Pumping Solutions



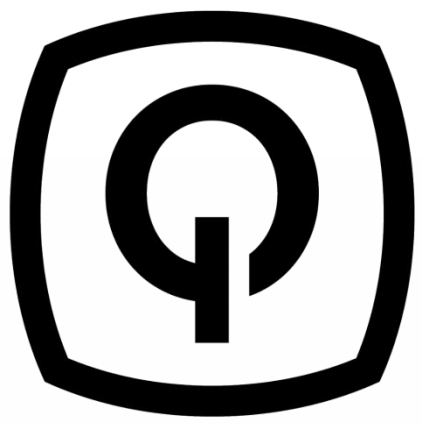
QUANTM:

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 - Control the pump with a turn of the dial
 - I/O enabled
- On-board diagnostics
- Plug-and-play
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 - 1 – 120 GPM
- Easy maintenance
- Competitively priced with pneumatic pumps



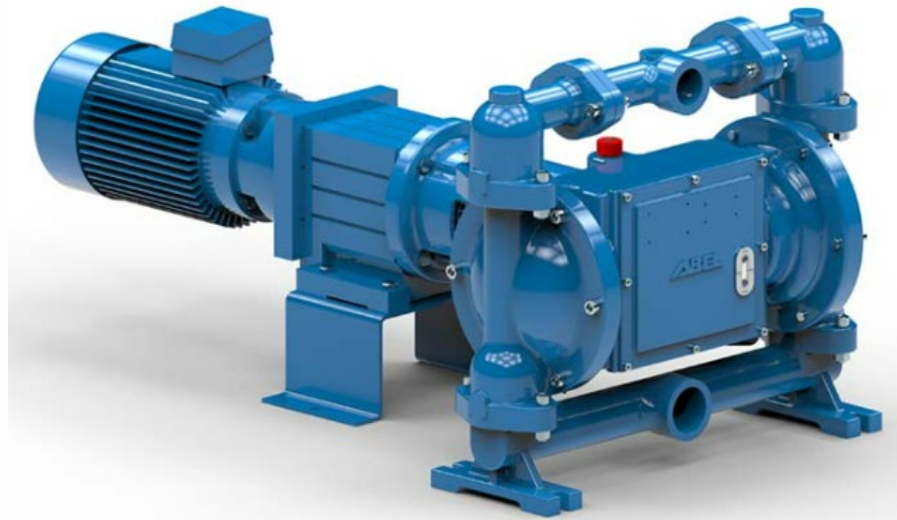
Gear Pumps:

- Requires manual priming or flooded suction
- Will not stall without external control
- Cannot run dry (*severe damage will occur*)
- Requires VFD or other control
- No diagnostics
- Requires electrician to connect
- Limited material compatibility
 - No abrasives or corrosive materials
- Gear reduction required
- Limited flow ranges
 - High flow rates require very large pumps
- Expensive
- Gear sets expensive and difficult to repair
- Mechanical seals expensive and difficult to repair



QUANTM[®]

The Choice is Clear



QUANTM:

- Self-priming
 - **AutoPrime** feature
- Stalls against pressure
- Runs dry
- Seal-less
- **INTEGRATED** control
 - Control the pump with a turn of the dial
 - I/O enabled
- **ON-BOARD** diagnostics
- Configurations to suit **NEARLY EVERY** application
 - Pumps abrasive and highly corrosive material
- Wide flow ranges
 - 1 – 120 GPM
- **EASY** maintenance
- Competitively priced with pneumatic pumps
- **MORE** than **80%** efficient
- Footprint **NEARLY IDENTICAL** to comparable pneumatic pumps

Traditional EODD:

- Self-priming
- Will **NOT** stall against pressure without external control
- Runs dry
- Seal-less
- **REQUIRES** gear reduction
- Low torque A/C induction motor
- **REQUIRES** VFD
- **REQUIRES** external controls to operate remotely
- Many configurations available
- Wide flow ranges
- Efficiency **SUFFERS** due to required gear reduction
- Drive components expensive and **DIFFICULT** to repair
- Priced up to **10x GREATER** than pneumatic pumps
- Footprint much **LARGER** than comparable pneumatic pumps



QUANTM[®]

The Difference is Clear



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- Self-priming
 - AutoPrime feature
- Stalls against pressure
- Runs dry
- Seal-less
- Integrated control
 - Control the pump with a turn of the dial
 - I/O enabled
- On-board diagnostics
- Plug-and-play
- Configurations to suit nearly every application
 - Pumps abrasive and highly corrosive material
- Gentle action does not shear material
- No gearbox
- Wide flow ranges
 - 1 – 120 GPM
- Easy maintenance
- Competitively priced with pneumatic pumps



Centrifugal:

- Requires manual priming or flooded suction
- Will not stall without external control
- Cannot run dry (*severe damage will occur*)
- Requires VFD or other control
- No diagnostics
- Requires electrician to connect
- Limited material compatibility
- Sensitive design not suited for abrasives
- High speed impellers shear material significantly
- High flow rates require very large pumps
- Little variation in flow rate
- Impellers require skilled labor for repairs
- Mechanical seals expensive, difficult to repair, and prone to leakage



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Your Key to Sustainability



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- Self-priming
 - **AutoPrime** feature
- Stalls against pressure
- Runs dry
- Seal-less
- **INTEGRATED** control
 - Control the pump with a turn of the dial
 - I/O enabled
- On-board diagnostics
- Configurations to suit nearly every application
 - Pumps abrasive and highly corrosive material
- Wide flow ranges
 - 1 – 120 GPM
- **EASY** maintenance
- **COMPETITIVELY PRICED** with pneumatic pumps
- **MORE THAN 80% EFFICIENT**
- Footprint **NEARLY IDENTICAL** to comparable pneumatic pumps



AODD:

- Self-priming
- Stalls against pressure
- Runs dry
- Seal-less
- **REQUIRES** external controls to operate remotely
- Air regulator **REQUIRED**
- Configurations to suit nearly every application
 - Pumps abrasive and highly corrosive material
- **LESS THAN 20% EFFICIENT**
- Operates on **EXPENSIVE** compressed air