

# Maxi-Vac & PowerMax Series

## Vacuum Loading Systems

### Benefits:

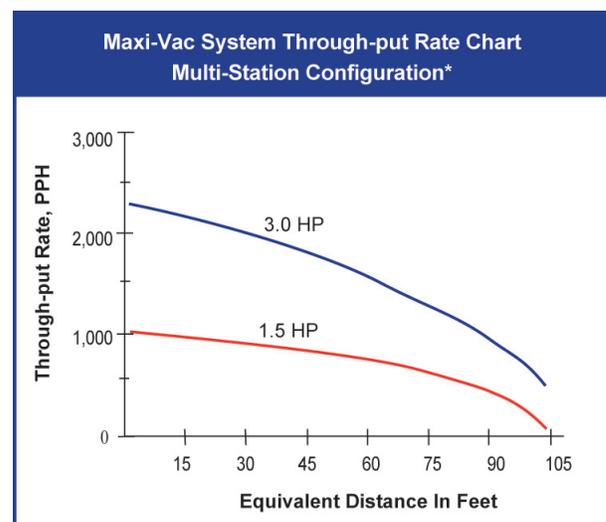
- Throughput rates up to 2,500 PPH
- Ultra-compact design
- Quiet
- Energy efficient
- Low maintenance
- Single or multiple station
- Easy to install
- Voltages available: 208, 230, 380, 415, 460, 575



## Maxi-Vac Regenerative Pump

Maxi-Vac series vacuum pumps are low maintenance, regenerative pneumatic pumps that are powerful, compact and efficient. Requiring minimal floor space for installation, the Maxi-Vac series is perfect for an “up and in” loading system. Designed for maximum efficiency, units are economical to install, operate and maintain.

A centrifugal fan vacuum source makes Maxi-Vac pumps extremely energy efficient and quieter than positive displacement pump systems and in most applications a muffler is not needed. With only one moving part, Maxi-Vac series pumps also minimize maintenance and down time. Self contained and equipped with an on board motor starter; there are no belts, sheaves, guards or oil to service.



\* Rates based on 35#FT<sup>3</sup> bulk density virgin, pelletized material.  
Charts used for reference only. Consult factory for your specific application.

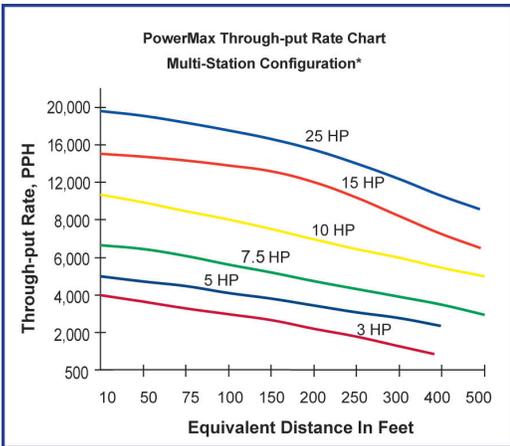
# Una-Dyn

A Piovan Company

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# PowerMax Positive Displacement Pump

Designed for higher volume conveying over a longer distance, the PowerMax series of positive displacement pumps feature a rotating lobe type blower which is protected by a vacuum relief valve. Compact in size for minimal use of floor space, the motor starter, vacuum switch, and muffler are mounted along with the blower on a rugged frame. Vacuum gauge, muffler, vacuum relief valve and belt guards are included.

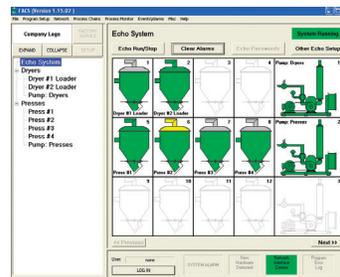


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## Controls

Designed to optimize process control capability and performance while offering a simple operator interface. The long-time commitment to continuous process improvement and technology has put Una-Dyn and its customers in the best competitive position possible.

Adaptive controls which incorporate state of the art electronics and touch pad control delivers simple, one touch control. Password protect levels allow various degrees of plant personnel interface and SPI protocol and/or DDE interface permits communication with inplant networks. The loader control strategy is built upon the following technologies:



Distributed Control

- 24/7 Control
- F.A.C.S. - Factory acquisition control system distributed control