



**M.W.A WELDING (THAILAND) CO.,LTD.**

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**alkitronic®**

**Alkitronic VELOX**

## Applications

- alkitronic® VELOX** is a robust, long-life quality product made in Germany.
- This unique electrical hydraulic pump (protection class IP65) is protected against rain, splashing water and dust deposit to eliminate costly downtime.
  - Its suitable for 110 V or 230 V main grids and voltage-controlled mobile power units.

## Advantages

- High precision ( $\pm 3\%$ ) through all pressure ranges, defined by precisely adapted oil flow rate.
- Air cooling, robust design, low weight. The housing design ensures optimum heat dissipation.
- Simple operating: one-push-button remote control for ergonom ic, working convenience and distance safety.
- High working speed and short set-up times. Can connect two hydraulic torque tools to increase productivity and to save time and money.
- Flexible bolting applications. Compatible with almost all hydraulic torque wrenches, regardless of cylinder size and torque range.

## alkitronic® specials

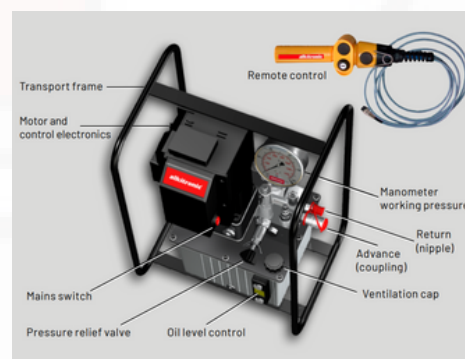
- Low maintenance costs due to the maintenance-free, low-wear and brushless synchronous motor. No magnetic control valves and therefore no wear.
- Modular construction for cost-saving upgrade or parts exchange.
- Individual operation - basic version with manual control.
- Integrated motor protection to avoid damage due to overload.



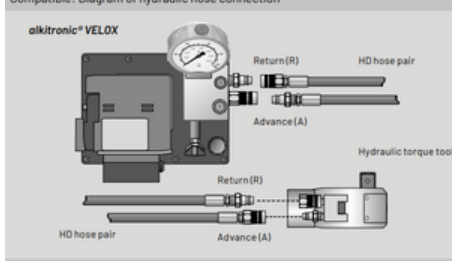
## Technical Data

**alkitronic® VELOX** infinitely adjustable pressure setting up to 10,000 psi (maximum operating pressure: 10,000 psi)

| Specification                                  | <b>alkitronic® VELOX</b>              | <b>VELOX Speed Upgrade</b>            |
|--|---------------------------------------|---------------------------------------|
| Drive electrical / nominal sensitivity         | 110/230 V, 50/60 Hz, 1600 W           | 230 V, 50/60 Hz, 2100 W               |
| Protection class                               | IP65                                  | IP65                                  |
| Output low pressure area                       | 366 cu.in./min at 2,030 psi           | 519 cu.in./min at 2,030 psi           |
| Output high pressure area                      | 46 cu.in./min at 10,000 psi           | 70.15 cu.in./min at 10,000 psi        |
| Tank capacity                                  | 4.0 l / 1.06 gal                      | 4.0 l / 1.06 gal                      |
| Surrounding temperature                        | -20° C / -4° F up to +50° C / +122° F | -20° C / -4° F up to +50° C / +122° F |
| Noise emission                                 | < 76 dB(A)                            | < 76 dB(A)                            |
| Weight incl. oil                               | 52.9 lb                               | 52.9 lb                               |
| Dimensions L x W x H (in)                      | 14 x 10 x 22                          | 14 x 10 x 22                          |
| Dimensions L x W x H (in) with transport frame | 15 x 12 x 22                          | 15 x 12 x 22                          |



Compatible: Diagram of hydraulic hose connection



Attention! Hydraulic hoses are not included in the scope of delivery. They can be purchased separately.

Hydraulic torque wrench **alkitronic® H-AT**



We recommend our hydraulic torque wrenches for secure and reliable tightening or loosening of heavy bolt connections.

**alkitronic®**  
HOME OF TORQUE POWER

**alkitronic®** products  
Made in Germany by  
**alki TECHNIK GmbH**  
Development, Production and  
Distribution of Bolting Systems

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