



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

บริษัท เอ็ม.ดับบลิว.เอ. เวลดิง (ประเทศไทย) จำกัด

**alkitronic®**

The Hydraulics

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 ergonomom 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

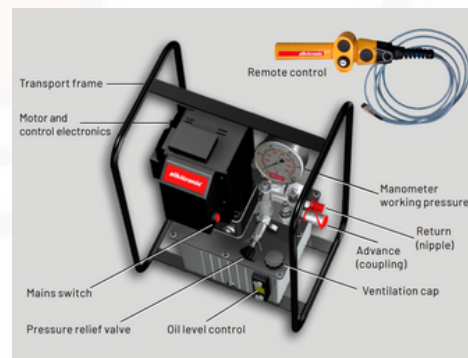
- Low maintenance costs due to the maintenance-free, low-wear and brushless synchronous motor. No magnetic control valves and therefore no wear.
- Modular construction for cost-saving upgrade or parts exchange.
- Individual operation - basic version with manual control.
- Integrated motor protection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



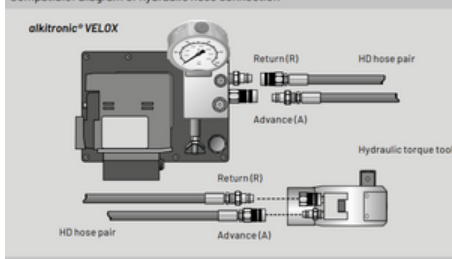
## Technical Data

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

Specification	alkitronic® VELOX	VELOX Speed Upgrade
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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