



## PRODUCT PERFORMANCE

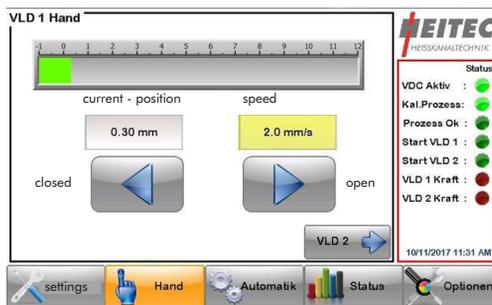
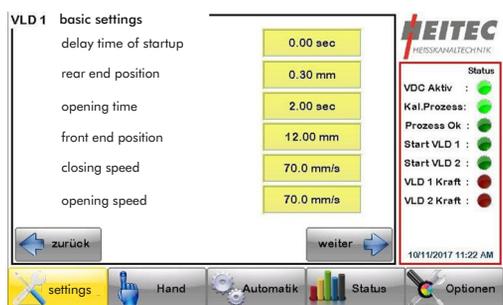
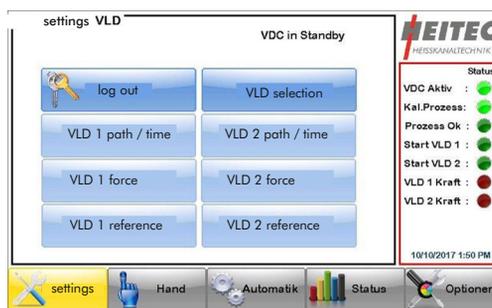
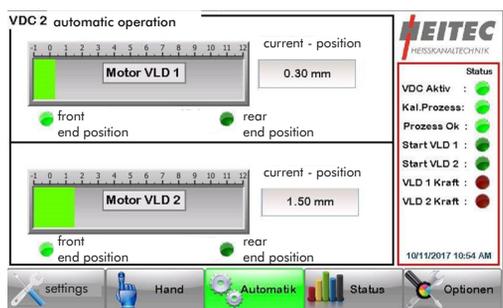
- Easier operation with use of Touchscreen
- Several drives controllable with only one VDC 2
- Control end position with variable tolerance ranges
- Travel profiles for wear minimization of the injection point/needle with different speeds
- Optimized calibration procedure to avoid tool damage during startup

**HEITEC**  
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# Visio Control

## IMPROVEMENTS / FURTHER DEVELOPMENTS VDC 2

Easier Operation / Clearly Arranged User Interface



## VISIO DRIVE CONTROL - TYPE 63.202.01-02

### Improvements / further developments VDC 2

- Easier operation / clearly arranged user interface
- Optimised calibration process during startup of the mould
- Special function for operating a side injection valve gate
- Minimizing abrasion of the needle and injection point with a graduated travel profile
- Several drives controllable with only one VDC 2 and with separate input signals
- Suitable for networking allowing remote maintenance and remote diagnosis

### Performance data of valve gate drives

#### VLD 5000

- maximum driving power: 920W
- maximum driving speed: 210mm/s
- maximum needle shearing force: 8660N
- installation height: 200mm (without pedestal)
- max. actuator stroke 75mm

#### VLD 10000

- maximum driving power: 2000W
- maximum driving speed: 127mm/s
- maximum needle driving force: 8700N
- installation height: 210mm (without pedestal)
- max. actuator stroke 75mm

#### VLD 15000

- maximum driving power: 4200W
- maximum driving speed: 127mm/s
- maximum needle driving force: 35700N
- installation height: 320mm (without pedestal)
- max. actuator stroke 150mm

### VISIO LINEAR DRIVE - Type 64.102.01

Type	VLD 5000	VLD 10000	VLD 15000
Needle diameter	Needle - number	Needle - number	Needle - number
	max.	max.	max.
Ø 2,5	24	48	60
Ø 3	16	32	48
Ø 4	12	24	36
Ø 6	8	16	24



Electric Force Transmitter

## Second Generation Valve Gate Drive Controller

The second generation of the new Visio Drive Control valve pin controller VDC2 has been developed specifically for the control of electric motors, which is responsible for the movement of the needles in valve gate systems

In addition to the already known functions of the VDC1, the new VDC2 impresses with its well-designed user interface. The large 7-inch touch screen allows easy operation of the valve gate drive controller. Compared to the first generation VDC valve gate drive controller, several motors can now be operated with one control unit. Likewise, different actuation profiles can be accessed, so that the relevant needle movement setting is available for each application. The accuracy of the end position monitoring was improved once more also, the tolerance range of the end position can now be freely chosen. An optimized calibration procedure reduces the risk of damage to the needle during tool start-up. The VDC2 is network-friendly, enabling remote diagnostics and remote maintenance.



New Visio Drive Control VDC2 Needle Valve Drive Controller

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