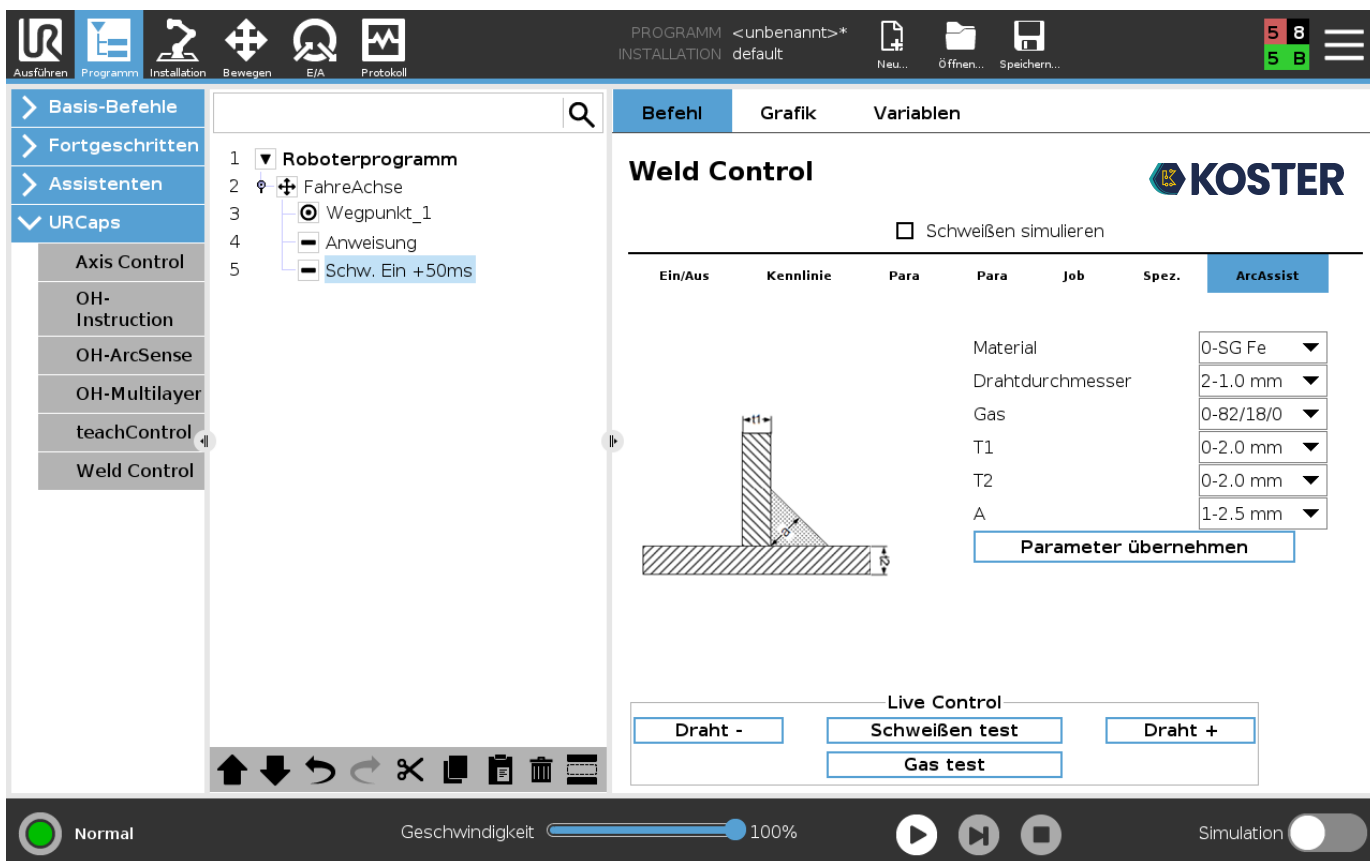


## KS-Weldcontrol

Met ons softwarepakket weldControl kunt u verschillende lasmachines integreren. Het maakt niet uit of u de lasmachines via Modbus TCP of via digitale I/O-interface wilt aansluiten.

Voor de verschillende fabrikanten zijn er verschillende mogelijkheden, van eenvoudig aan/uit tot de ArcAssistant om de perfecte parameters rechtstreeks op het leerpaneel van de robot in te stellen.

In combinatie met onze multifunctionele flens kunt u automatisch uw programma's aanmaken op de UR zonder het teachpaneel van de robot.



The screenshot shows the KOSTER Weld Control software interface. The top menu bar includes icons for 'Ausführen', 'Programm', 'Installation', 'Bewegen', 'E/A', and 'Protokoll'. The left sidebar shows a tree view with 'Roboterprogramm' expanded, listing 'FahreAchse', 'Wegpunkt\_1', 'Anweisung', and 'Schw. Ein +50ms'. The main workspace is titled 'Weld Control' and features a 'KOSTER' logo and a 'Schweißen simulieren' checkbox. Below this is a table with columns: 'Ein/Aus', 'Kennlinie', 'Para', 'Para', 'Job', 'Spez.', and 'ArcAssist'. The 'Para' columns contain dropdown menus for 'Material' (0-SG Fe), 'Drahtdurchmesser' (2-1.0 mm), 'Gas' (0-82/18/0), 'T1' (0-2.0 mm), 'T2' (0-2.0 mm), and 'A' (1-2.5 mm). A 'Parameter übernehmen' button is located below the table. The 'Live Control' section at the bottom has buttons for 'Draht -', 'Schweißen test', 'Draht +', and 'Gas test'. The bottom status bar shows 'Normal' mode, a 'Geschwindigkeit' slider at 100%, and a 'Simulation' toggle.

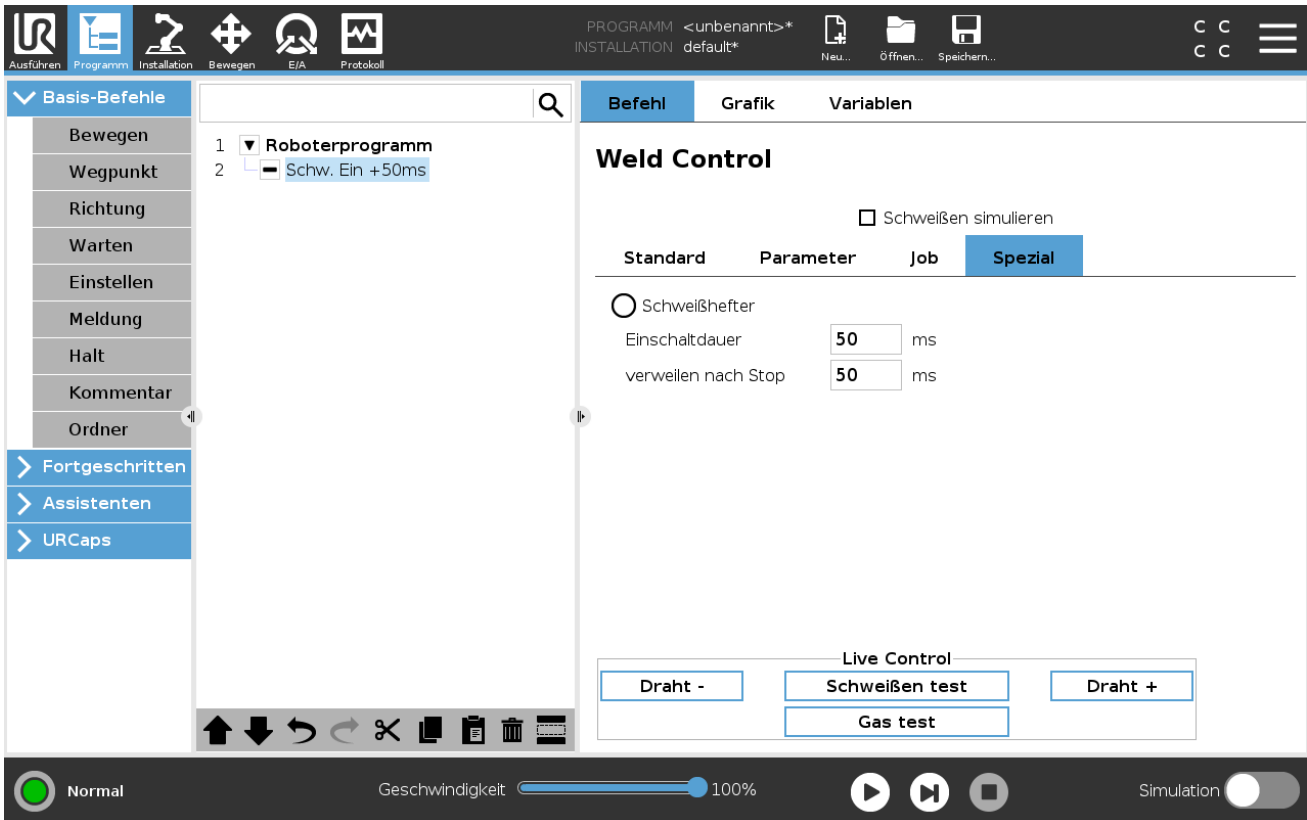
### Koster

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The screenshot shows the KOSTER software interface. At the top, there is a menu bar with icons for 'Ausführen', 'Programm', 'Installation', 'Bewegen', 'E/A', and 'Protokoll'. The main window is divided into several sections:

- Left Panel:** A sidebar with a search bar and a list of commands under 'Basis-Befehle'. The list includes: 'Bewegen', 'Wegpunkt', 'Richtung', 'Warten', 'Einstellen', 'Meldung', 'Halt', 'Kommentar', 'Ordner', 'Fortgeschritten', 'Assistenten', and 'URCaps'.
- Command List:** A list of commands with a search bar. The list contains: '1 ▾ Roboterprogramm' and '2 ▾ Schw. Ein +50ms'.
- Weld Control Panel:** A configuration panel for welding control. It has tabs for 'Standard', 'Parameter', 'Job', and 'Spezial'. The 'Spezial' tab is selected. It includes a checkbox for 'Schweißen simulieren' (unchecked). Below the tabs, there are radio buttons for 'Schweißhefter' (selected) and 'Schweißen ein' (unselected). Parameters are shown as input fields: 'Einschaltdauer' (50 ms) and 'verweilen nach Stop' (50 ms). At the bottom, there is a 'Live Control' section with buttons for 'Draht -', 'Schweißen test', 'Draht +', and 'Gas test'.
- Bottom Bar:** A status bar with a 'Normal' indicator, a 'Geschwindigkeit' slider set to 100%, and a 'Simulation' toggle switch.

### Weld Control

Schweißen simulieren

Standard	Parameter	Job	Spezial
<input checked="" type="radio"/> Schweißen ein	Einschaltverzögerung	50	ms
<input type="radio"/> Schweißen aus	Ausschaltverzögerung	50	ms

**Live Control**

Draht -    Schweißen test    Draht +

Gas test

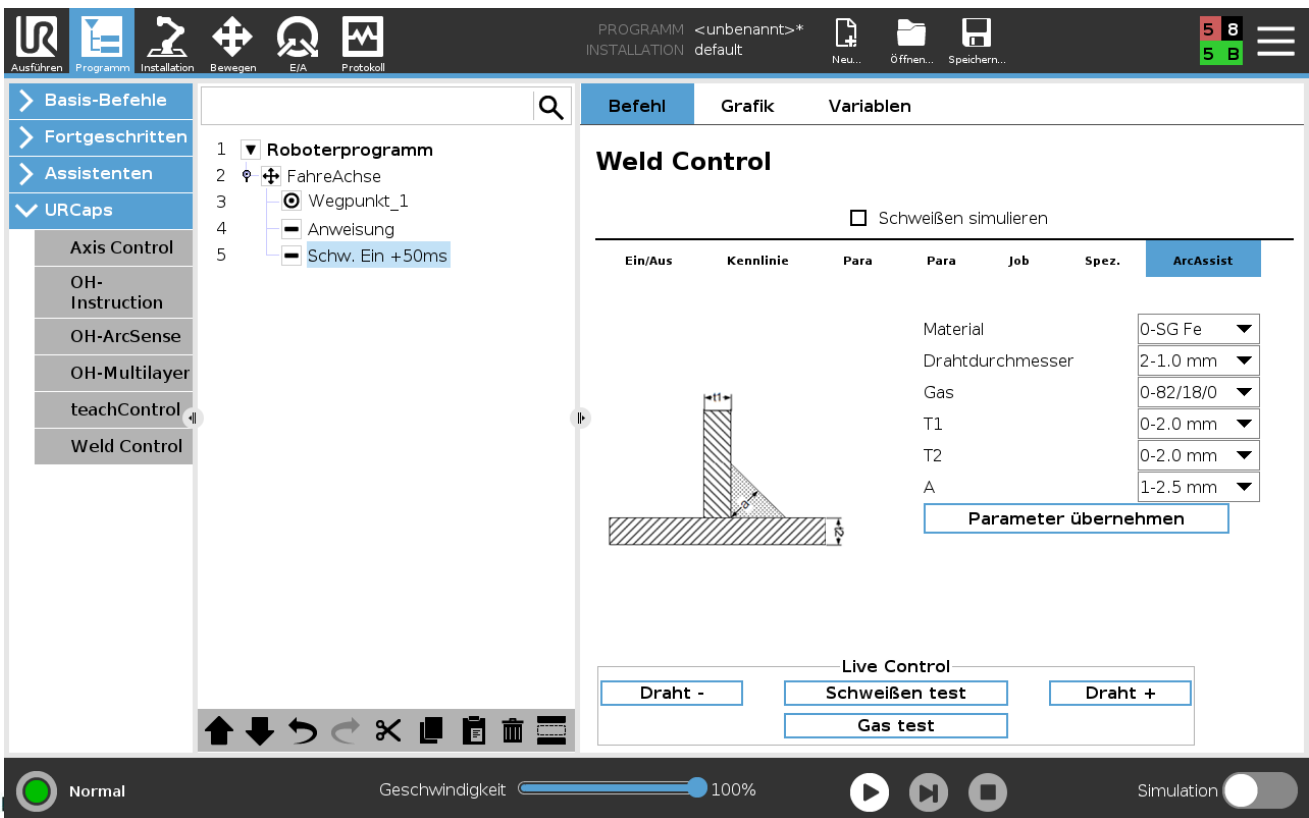
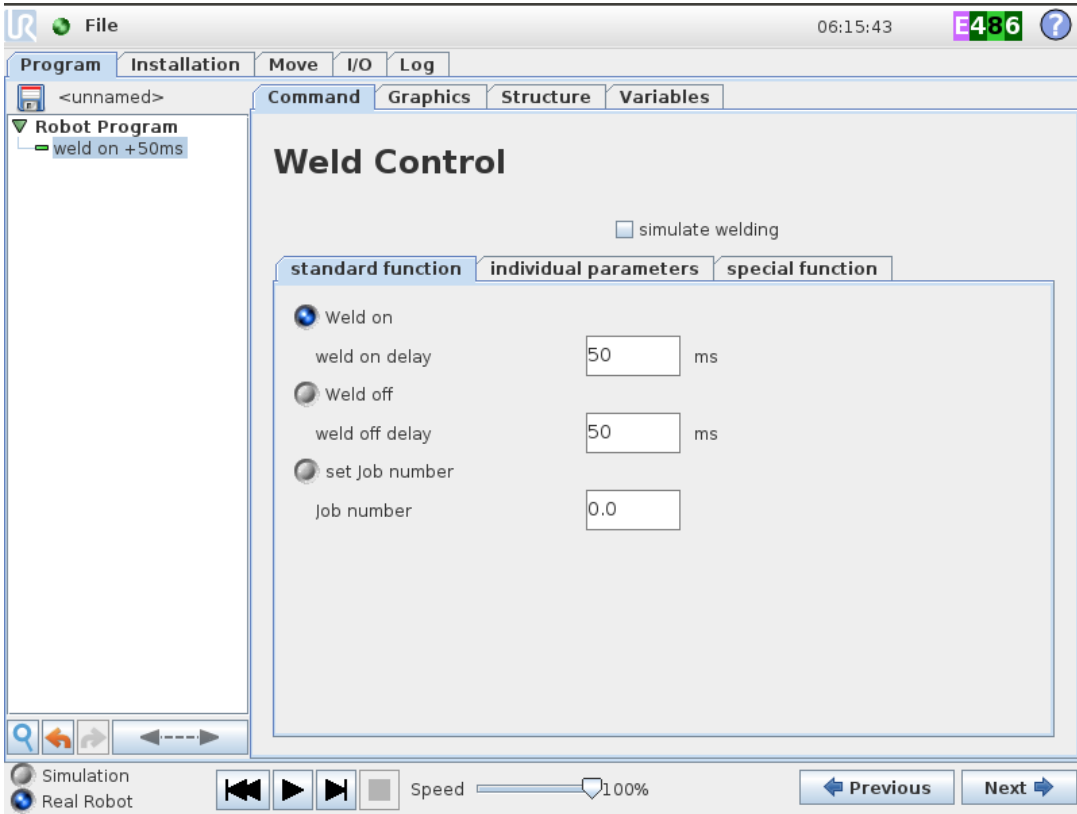
## Koster

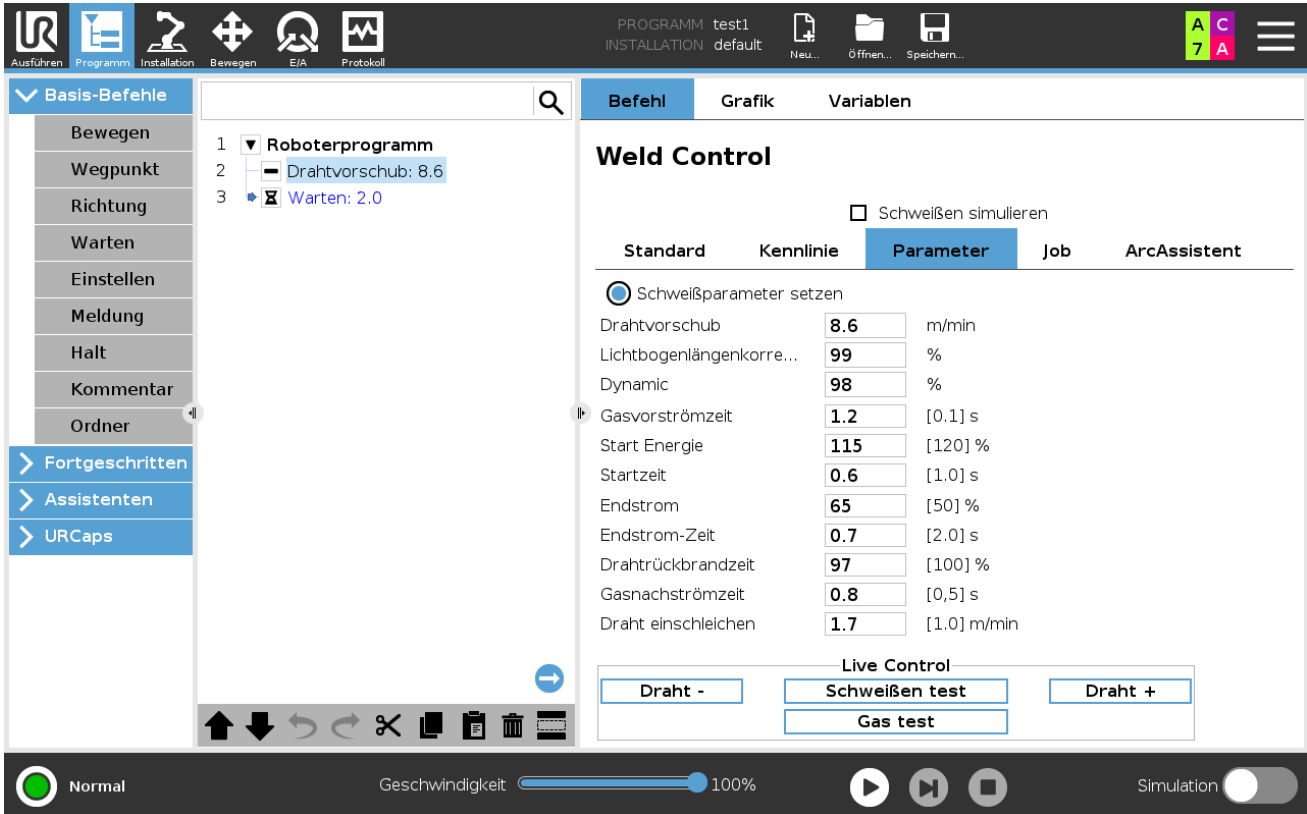
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The screenshot displays the KOSTER software interface. The top menu bar includes icons for 'Ausführen', 'Programm', 'Installation', 'Bewegen', 'E/A', and 'Protokoll'. The main window is divided into several sections:

- Left Panel (Basis-Befehle):** A list of commands including 'Bewegen', 'Wegpunkt', 'Richtung', 'Warten', 'Einstellen', 'Meldung', 'Halt', 'Kommentar', and 'Ordner'. Below this are expandable sections for 'Fortgeschritten', 'Assistenten', and 'URCaps'.
- Center Panel:** A tree view showing a 'Roboterprogramm' with sub-items 'Drahtvorschub: 8.6' and 'Warten: 2.0'.
- Right Panel (Weld Control):** A detailed parameter configuration window. It has tabs for 'Standard', 'Kennlinie', 'Parameter' (selected), 'Job', and 'ArcAssistant'. A checkbox 'Schweißen simulieren' is present. The 'Parameter' tab contains a table of settings:
 

Parameter	Value	Unit
Drahtvorschub	8.6	m/min
Lichtbogenlängenkorre...	99	%
Dynamic	98	%
Gasvorströmzeit	1.2	[0.1] s
Start Energie	115	[120] %
Startzeit	0.6	[1.0] s
Endstrom	65	[50] %
Endstrom-Zeit	0.7	[2.0] s
Drahrückbrandzeit	97	[100] %
Gasnachströmzeit	0.8	[0,5] s
Draht einschleichen	1.7	[1.0] m/min

 Below the table is a 'Live Control' section with buttons for 'Draht -', 'Schweißen test', 'Draht +', and 'Gas test'.
- Bottom Bar:** Includes a 'Normal' status indicator, a 'Geschwindigkeit' (Speed) slider set to 100%, and 'Simulation' toggle.

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