

# SPRAYmag

*The AED news magazine*

**Perfect  
supply  
technology**

for maximum  
process reliability  
in die casting



[www.aed-automation.com](http://www.aed-automation.com)



# DAG 183-BMD

## Precision for the highest demands

Reliable.  
Powerful.  
Precise.

The AED 183-BMD impresses with a 100-liter supply tank, integrated agitator, and maximum process reliability.

Ideal for large die casting systems with the highest demands on efficiency and reliability.

### Advantages

- ✓ **High precision:** Exact and reproducible mixing ratios
- ✓ **Closed tank system:** Reduces bacterial growth and contamination
- ✓ **Integrated data acquisition:** Traceable production, USB export
- ✓ **Automated process control:** Intelligent control via user interface
- ✓ **Low space requirement:** Device installation in standard control cabinet
- ✓ **Redundant version possible:** For increased reliability

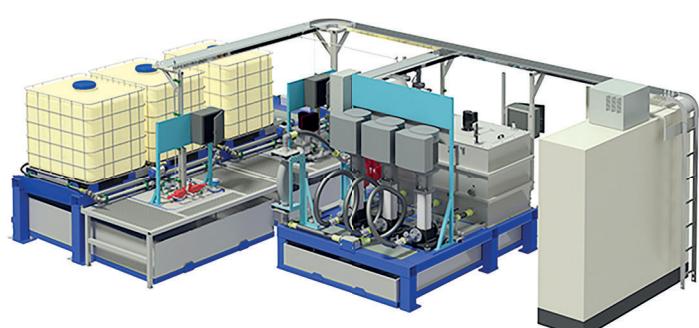


### Technical highlights

	<b>Tank:</b> Closed 100 l tank prevents contamination; visual inspection possible
	<b>Maintenance:</b> Easy access to all components
	<b>Automated control:</b> All parameters (mixture, tolerances, lubricant type) are entered via the user interface – no manual adjustment necessary
	<b>Dosing &amp; mixing:</b> High dosing and mixing accuracy due to volumetric mixing
	<b>Mixing ratio:</b> Adjustable mixing ratio 1:80 to 1:400

### Central supply system:

extended version with a delivery rate of up to 30,000 l/h and a mixing capacity of 5,400 l/h (e.g. triple system) – particularly suitable for large tools



# AED 181-080

## Compact and efficient

Small.  
Powerful.  
Flexible.

The AED 181-080 is the smart solution for medium-demand applications.

A closed system ensures hygiene, precise mixing, and safe processes – compact and space-saving.

### Advantages

- ✓ **Compact design:** Minimal space requirements
- ✓ **No heat input:** Simplifies operation
- ✓ **Universal compatibility:** Works with all sizes of DCM
- ✓ **Standard components:** Easy replacement and availability
- ✓ **Low space requirements:** Optional drip pan
- ✓ **Low bacterial risk:** Small storage tank



### Technical highlights

	<b>Tank:</b> Plastic, chemical-resistant, 80 l, unpressurized		<b>Circulation:</b> Stirring of the separating material via bypass
	<b>Pump:</b> Frequency-controlled centrifugal pump (stainless steel), external mounting		<b>Rinsing:</b> Integrated water connection for system rinsing
	<b>Level control:</b> Contactless sensor technology		<b>Maintenance:</b> Easy access to all components

Do you have questions about our release agent supply or a specific project?

Speak to our technical sales team, give us a call, send us an email or use our upload form.

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Email: [info@aed-automation.com](mailto:info@aed-automation.com)



# AED 181-020

## Compact and robust

Compact.  
Precise.  
Reliable.

The AED 181-020 impresses with its compact design and reliable power supply.

Ideal for applications where precision, durability, and space savings are crucial.



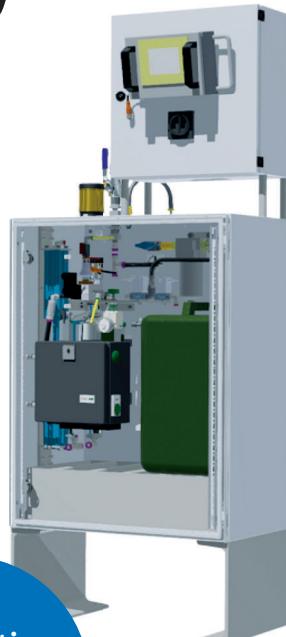
### Technical highlights

<b>Tank:</b>	Plastic, chemical-resistant, 20 l, unpressurized	<b>Circulation:</b>	Stirring of the separating material via bypass
<b>Pump:</b>	Diaphragm pump (no destruction of the release agent), external mounting	<b>Rinsing:</b>	Integrated water connection for system rinsing
<b>Level control:</b>	Contactless sensor technology	<b>Maintenance:</b>	Easy access to all components

# Release agent supply

## for minimum quantity spraying

The AED 181-020 impresses with its compact design and reliable power supply. Ideal for applications where precision, durability, and space savings are crucial.



### Technical highlights

- ✓ Optimized for minimal quantity spraying
- ✓ Precise, consistent dosing even with the smallest quantities
- ✓ Closed system – prevents contamination
- ✓ Easy integration into spray systems
- ✓ Efficient use of resources – lower consumption

Min.  
consumption.  
Max. process  
reliability.



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