



# DISPOSAL UTS ergo line<sup>®</sup> – Type 90

The DISPOSAL UTS ergo line<sup>®</sup> is your flexible solution for handling waste disposal issues when working with a wide range of chemicals. Please find below an overview of the most important features and ordering details.



DISPOSAL UTS ergo line<sup>®</sup>

## For process reliability

Using the DISPOSAL UTS ergo line<sup>®</sup> enables you to fulfil the requirements of a multitude of laws, regulations and directives, in particular, the safety requirements of TRGS 509 for filling and transfer stations. System-aided working ensures sustainable process reliability and can thus be taken into account in your risk assessment.

Tested safety at a very high level including:

## Ordering information



**DIN EN 14470-1**  
**DIN EN 14727**



### DISPOSAL UTS ergo line S – Width 600mm



#### Details

1 pull-out tray, 1 canister guidance, 2 PE canisters with level indicator à 10 litres,  
1 connection for connecting hose GL 25, 1 waste cap with stopcock and ventilation,  
1 exhaust air monitoring unit MPS 6-V, 1 earthing cable with crocodile clip, base 35 mm

#### Colour

#### Ref. no.

classical

Push-to-open

Carcass light grey, door gentian blue

59-060667-003

59-060669-003

#### Dimensions [in mm]

	Outer	Inner
Width	600	503
Depth	593	463
Height [classical]	631	480
Height [ToeKick]	681	480

#### Max. storage capacity/standing space

Quantity	Type of container	Size
2	Canister from PE*	10 liter

**Weight** [in kg] 130

\*conductive



	DISPOSAL UTS ergo line® S
<b>Safety funnel sets, connection GL 25 [m] with hinged lid, dirt strainer and earthing connection made of HDPE, electrically conductive [black]:</b>	
For wall mounting, fill diameter 132 mm	50-70000-353
For bench penetration, fill diameter 132 mm	50-70000-354
For bench penetration, fill diameter 172 mm	50-70000-369
<b>Media hoses – flexible hose GL 25 [f] for connection to safety funnel set:</b>	
Length: 1.100 mm	50-70000-355
Length: 800 mm	50-70000-356
<b>Additional interior fittings:</b>	
Classical base 85 mm (instead of 35 mm)	29-10660-084
ToeKick base 85 mm	29-10660-085
Roller set	29-10900-011
<b>Fitting options:</b>	
Bench penetration GL 25/GL 45	on request
Exhaust air monitor MPS 3 with electronic level monitor, 230 V/50 Hz 230 V/50 Hz including float probe and display	50-30000-926
Special pliers for PE canister	5.09.003
Absorber	see <a href="http://www.dueperthal.com">www.dueperthal.com</a>

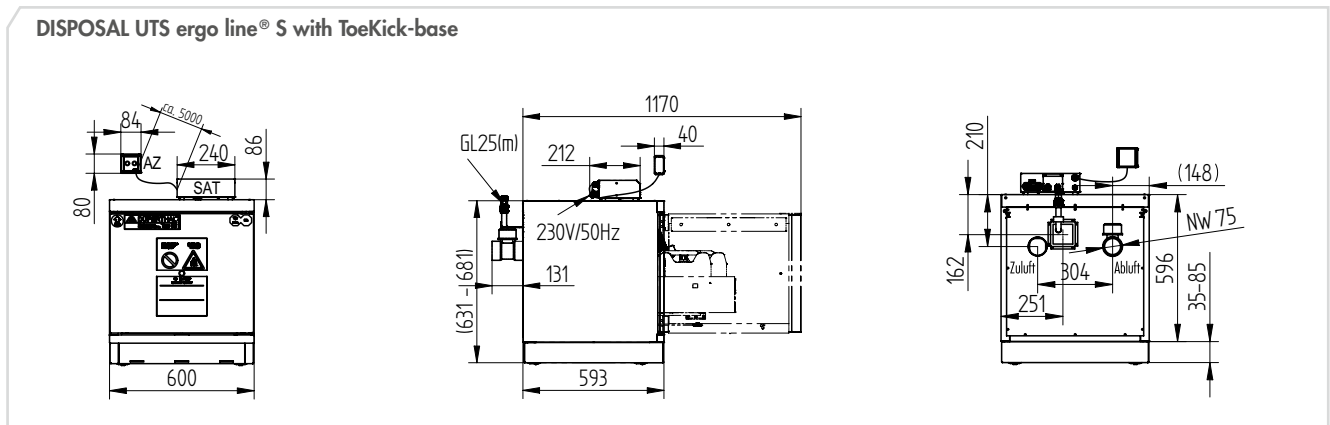
# Technical Data DISPOSAL UTS ergo line® – Type 90

Technical Details			Model size
			S
Load bearing capacity with uniformly distributed load (max. loadability/shelf)	in kg	Pull-out tray	45
Maximum volume of the largest single container which may be stored in the cabinet	in l	–	10
Collection volume	in l	Pull-out tray	11
Base height (further base heights available on request)	in mm	with classical base	35
		with ToeKick base	85
Volumetric flow rate for 10-fold air exchange	in approx. m <sup>3</sup> / h	–	1,5
Required extraction flow rates for filling and transferring (active storage) <sup>1)</sup>	in approx. m <sup>3</sup> / h	–	>21
Pressure drop in the cabinet	in Pa.	–	<1

<sup>1)</sup> Note:

During filling and transfer of media (active storage), the system's exhaust air rate must be monitored to detect a possible failure in the transported air flow. In this case, at least an alarm must be triggered and a shift in the hazardous areas must be indicated. Should the exhaust air monitoring fail, all filling and transfer processes must be stopped.

Side view	Top view	Rear view
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## Zoning

When all measures for monitoring the exhaust air are observed (protection concept), the proportion between the volumetric flow rates of exhaust air and fresh air is ensured and the lower explosion protection threshold is exceeded only briefly. In this way, zone 1, which prevails inside the cabinet and at the filling point, can be expected to turn into zone 2. For risk analysis, the DISPOSAL line has to be assessed in connection with its actual application. In this context, it may be necessary to adjust the ex-zones, the exhaust air rate or both.

Dimensions - interior fittings: [in mm]	Model size		
		S	
	Width	Depth	Height
Pull-out tray	345	432	119