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## Concrete

Pump Sump - concrete - (p. 116) + Inspection Shaft - concrete - (p. 121)

## Plastic

Pump Sump Type Q - square - (p. 117) + Backwater Shaft Type Q - sewage - (p. 121) +  
Pump Sump Type Q - thermally insulated - (p. 121) + Pump Sump Type Q - sewage - (p. 124) +  
Pump Sump Poly 400 - complete - KG 2000 (p. 125) + Pump Sump Poly 400 - KG 2000 (p. 126) +  
Pump Sump Poly 400 - LR - KG 2000 (p. 126) + Pump Sump Poly 400 - NE - KG 2000 - retrofit  
installation (p. 127) + Poly - Inspection Shaft - KG 2000 (p. 127) + Pressure Shaft 400 - KG 2000 (p. 127) +  
Water Shaft (p. 129) + Pump Sump Poly 400 - KG 2000 - Accessories (p. 129)

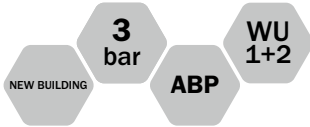
## Covers

Pump Sump Cover - walkable (p. 118) + Pump Sump Cover - walkable -, water and odour tight screwable (p. 119) +  
Pump Sump Covers - fit for traffic up to 5 t, wheel pressure up to 1.25 t (p. 119) +  
Pump Sump Covers - fit for traffic up to 15 t, wheel pressure up to 3.75 t (p. 120) + Pump Sump Cover -  
fillable - (p. 120) + Grating Cover - walkable (p. 120) + Pump Sump Poly 400 - Covers (p. 128)

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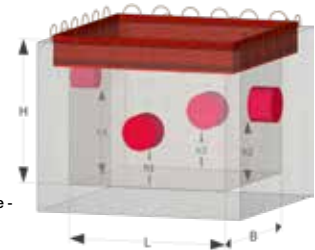


**KRASO® Pump Sump - concrete -**  
Check the installation video  
(just scan the QR code!)



## KRASO® Pump Sump - concrete - Saves time and money

- + Avoid formworks on-site - and save time and money - with the **KRASO® Pump Sump** as ready-made concrete element!
- + Made of waterproof concrete (C35/45) in one piece cast - **without additional joints!**
- + 12 cm thick, reinforced walls as well as the surrounding water pressure tight, MPA-tested construction joint tape **KRASOflex® Duo-Fix 150 „plus“** grant a water pressure tight passage to the base plate.
- + Simple and fast placement on-site thanks to crane lifting lugs!
- + DafStB waterproof concrete guideline: stress class 1 + 2



arrangement of connections  
ref. standard sizes  
**KRASO® Pump Sump - concrete -**

### KRASO® Pump Sump - concrete - **LG 3**

for collecting waste water | DafStB waterproof concrete guideline: stress class 1 + 2

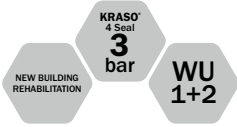
KRASO® Pump Sump - concrete -								
Internal dimensions (l x w x h, in cm)	Weight approx. in kg	Design	Position and diameter of the connection				KRASO® Pump Sump - concrete -	
			h1 (in cm)	h2 (in cm)	h3 (in cm)	h4 (in cm)		
60 x 60 x 40	600	standard	15 - DN 110				596 €	
		closed						
60 x 60 x 60	700	standard	40 - DN 110	20 - DN 110			656 €	
		with one connection	40 - DN 110					
		closed						
80 x 80 x 70	1.100	standard	20 - DN 160	30 - DN 160	20 - DN 160	40 - DN 110	896 €	
		with one connection				40 - DN 110		
		closed						
100 x 100 x 80	1.500	standard	50 - DN 160	40 - DN 160	20 - DN 160	40 - DN 110	994 €	
		with one connection				40 - DN 110		
		closed						
100 x 100 x 100	1.750	standard				40 - DN 110	1.355 €	
		closed						
120 x 120 x 80	1.800	standard	50 - DN 160	20 - DN 160	40 - DN 160	40 - DN 110	1.505 €	
		with one connection				40 - DN 110		
		closed						
<b>Surcharge special design with standard internal dimensions*</b>								
connection DN 110								71 €
connection DN 125								80 €
connection DN 160								88 €

\* Calculation basis = closed pump sump

**Further sizes and connections available as special design on request!**



**KRASO® Pump Sump Type Q - square -**  
Check the installation video  
(just scan the QR code!)



## **KRASO® Pump Sump Type Q - square -** Low weight - quick delivery: the simple and tight plastic solution

- + Low weight = low transport costs and easy handling without crane on-site!
- + Saves time, labour, money and additional drainage: no cost-intensive works, no concreting sections for several days and no shuttering!
- + No risk occurring due to leaking concrete joints and/or pipe connections!
- + Resistant against many acids and lyes!
- + Made of high-quality, impact resistant, almost indestructible plastic.  
Special dimensions are available within a few days!
- + DafStB waterproof concrete guideline: stress class 1 + 2

### **KRASO® Pump Sump Type Q - square - LG2**

for collecting waste water, suitable for KG, HT and KG 2000 pipes | DafStB waterproof concrete guideline: stress class 1 + 2

Type / Item	600/60	600/80	800/100	1000/100
Internal dimensions in cm	60 x 60	60 x 60	80 x 80	100 x 100
Internal height in cm	60	80	100	100
1x connection DN 110 (height bottom edge in cm)	20	20	30	30
Weight approx. in kg	25	28	53	66
<b>KRASO® Pump Sump Type Q - square -</b>	<b>698 €</b>	<b>819 €</b>	<b>1.178 €</b>	<b>1.420 €</b>
Surcharge: additional connection DN 110	51 €			
Surcharge: additional connection DN 160	78 €			

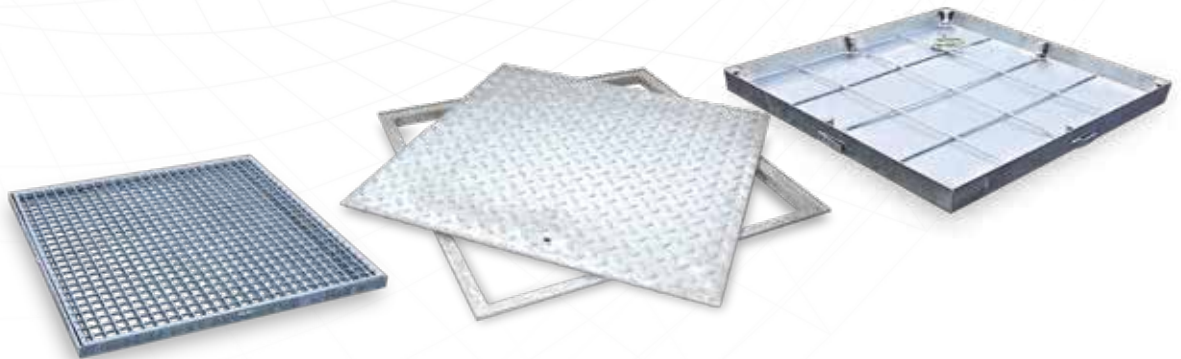
**Further sizes and designs available on request! Modification of the pipe connection height possible!**



# KRASO® Pump sumps

## – delivery to the construction site

- + **KRASO® Pump Sumps** – whether made of concrete or plastic – save time and money!
- + Precise planning of your construction process is possible with a delivery directly to your construction-site. Thanks to pre-installed crane lifting lugs, **KRASO® Pump Sumps** made of concrete can be unloaded and installed easily on the construction-site!

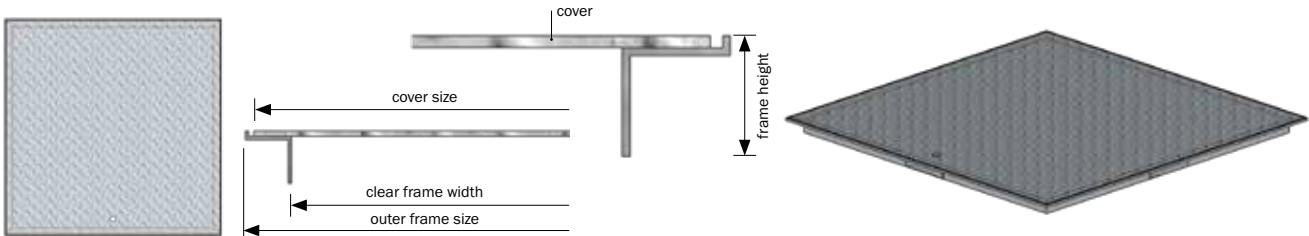


# KRASO® Pump Sump Covers

## For KRASO® Pump Sump - concrete - and Type Q - square -

### KRASO® Pump Sump Cover - walkable **LG 6**

for KRASO® Pump Sump - concrete - and KRASO® Pump Sump Type Q - square -, bulb plate galvanised, walkable



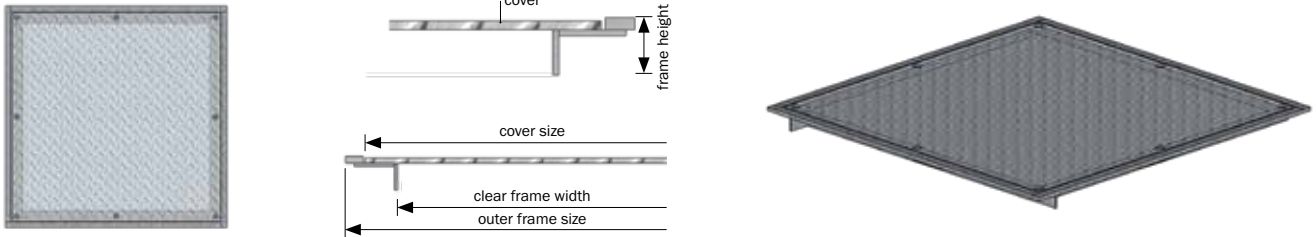
Type/Item	KRASO® Pump Sump Cover - walkable			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Cover size in mm	700 x 700	900 x 900	1100 x 1100	1275 x 1275
Cover thickness approx. in mm	3/5			
Frame height in mm	32	32	32	36
Outer frame size in mm	708 x 708	908 x 908	1108 x 1108	1320 x 1320
Clear frame width in mm	654 x 654	854 x 854	1054 x 1054	1210 x 1210
Concrete anchors / pcs.	4	4	8	8
<b>KRASO® Pump Sump Cover - walkable</b>	<b>167 €</b>	<b>293 €</b>	<b>505 €</b>	<b>905 €</b>

Special designs available on request!



## KRASO® Pump Sump Cover - walkable -, water and odour-tight screwable **LG 6**

for KRASO® Pump Sump - concrete - and KRASO® Pump Sump Type Q - square -, bulb plate galvanised, walkable, water and odour-tight screwable

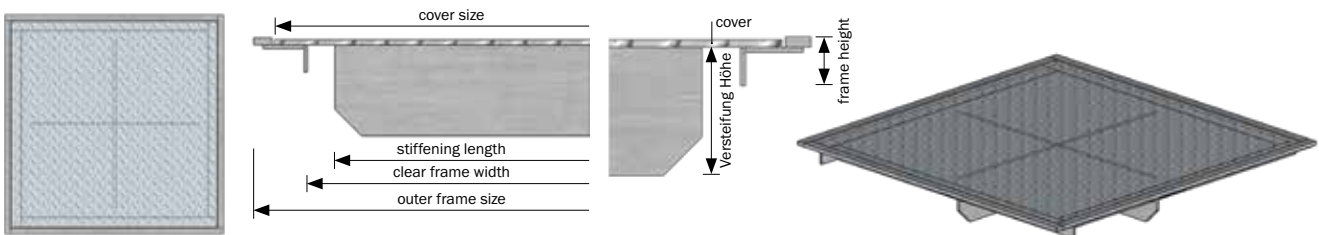


Type/Item	KRASO® Pump Sump Cover - walkable -, water and odour-tight			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Cover size in mm	700 x 700	900 x 900	1100 x 1100	1275 x 1275
Cover in mm	3/5			
Frame height in mm	36			
Outer frame size in mm	745 x 745	945 x 945	1145 x 1145	1320 x 1320
Clear frame width in mm	635 x 635	835 x 835	1035 x 1035	1210 x 1210
Concrete anchors / pcs.	4	4	8	8
<b>KRASO® Pump Sump Cover - walkable -, water/odour tight</b>	<b>457 €</b>	<b>576 €</b>	<b>905 €</b>	<b>1.497 €</b>

Special designs available on request!

## KRASO® Pump Sump Cover - fit for traffic up to 5 t, wheel pressure up to 1.25 t **LG 6**

for KRASO® Pump Sump - concrete - and KRASO® Pump Sump Type Q - square -, bulb plate galvanised, fit for traffic up to 5 t, wheel pressure up to 1.25 t

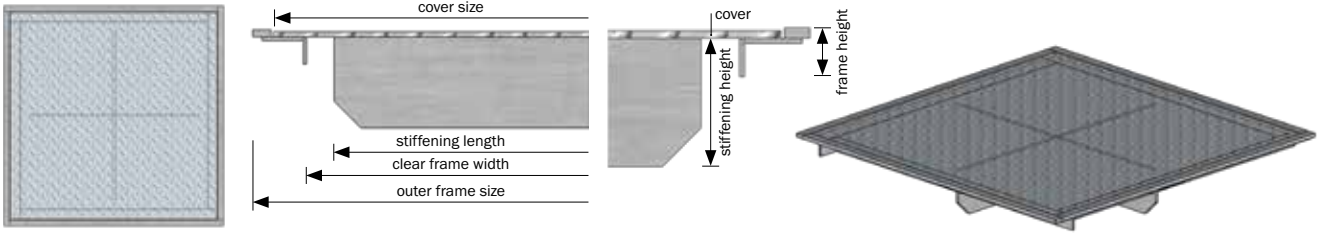


Type/Item	KRASO® Pump Sump Cover - fit for traffic up to 5 t, wheel pressure up to 1.25 t			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Cover size in mm	700 x 700	900 x 900	1100 x 1100	1275 x 1275
Cover in mm	5/7			
Frame height in mm	38			
Outer frame size in mm	745 x 745	945 x 945	1145 x 1145	1320 x 1320
Clear frame width in mm	635 x 635	835 x 835	1035 x 1035	1210 x 1210
Stiffening in mm	7			
Stiffening height in mm	80			
Stiffening quantity	1	2	2	3
Concrete anchors / pcs.	4	4	8	8
<b>KRASO® Pump Sump Cover - fit for traffic up to 5 t, wheel pressure up to 1.25 t</b>	<b>414 €</b>	<b>684 €</b>	<b>1.191 €</b>	<b>1.758 €</b>

Special designs available on request!

## KRASO® Pump Sump Cover - fit for traffic up to 15 t, wheel pressure up to 3.75 t **LG 6**

for KRASO® Pump Sump - concrete - and KRASO® Pump Sump Type Q - square -, bulb plate galvanised, fit for traffic up to 15 t, wheel pressure up to 3.75 t

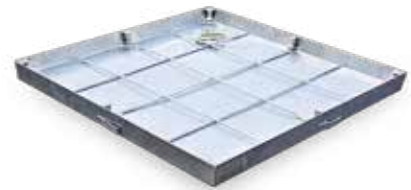


Type/Item	KRASO® Pump Sump Cover - for traffic up to 15 t, wheel pressure up to 3.75 t			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Cover size in mm	700 x 700	900 x 900	1100 x 1100	1275 x 1275
Cover in mm	6/8			
Frame height in mm	38			
Outer frame size in mm	745 x 745	945 x 945	1145 x 1145	1320 x 1320
Clear frame width in mm	635 x 635	835 x 835	1035 x 1035	1210 x 1210
Stiffening in mm	8			
Stiffening height in mm	100			
Stiffening quantity	1	2	2	3
Concrete anchors / pcs.	4	8	8	8
<b>KRASO® Pump Sump Cover - fit for traffic up to 15 t, wheel pressure up to 3.75 t</b>	<b>735 €</b>	<b>1.047 €</b>	<b>1.919 €</b>	<b>2.597 €</b>

Special designs available on request!

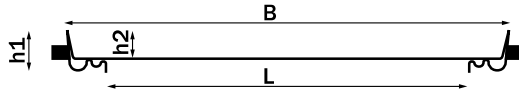
## KRASO® Pump Sump Cover - fillable - **LG 6**

fillable galvanised tub, water and odour-tight, loading after filling with concrete C 35/45: approx. 125 kN



frame profile

h1 = installation height approx. 7,5 cm  
h2 = tub depth approx. 5,0 cm



Type / Item	KRASO® Pump Sump Cover - fillable -			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Outer frame size in mm	B	735 x 735	935 x 935	1135 x 1135
Clear frame width in mm	L	600 x 600	800 x 800	1000 x 1000
<b>KRASO® Pump Sump Cover - fillable -</b>		<b>667 €</b>	<b>952 €</b>	<b>1.212 €</b>
				<b>on request</b>

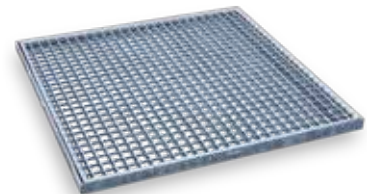
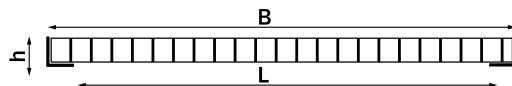
Special designs available on request!

## KRASO® Grating Cover - walkable - **LG 6**

galvanised

frame profile

h = frame height  
from 25 to 40 mm



Type / Item	KRASO® Grating Cover - walkable -			
Pump sump dimension in cm	60 x 60	80 x 80	100 x 100	120 x 120
Outer frame size in mm	B	685 x 685	885 x 885	1095 x 1095
Clear frame width in mm	L	600 x 600	800 x 800	1000 x 1000
Bearing bar in mm		25/1,7	25/2	30/2
				40/1,7
Mesh size in mm		30/30	30/30	30/30
Concentrated load approx. in kg		150	150	150
<b>KRASO® Grating Cover - walkable -</b>		<b>251 €</b>	<b>441 €</b>	<b>633 €</b>
				<b>1.041 €</b>

Special designs available on request!



### KRASO® Inspection Shaft - concrete - **LG 3**

as maintenance opening, made of waterproof concrete (C35/45) with 12 cm strong, reinforced walls in one cast, with surrounding water pressure tight, MPA-tested construction joint tape **KRASOflex®** Duo-Fix 150 „plus“, rebar connection 8/15 and crane lifting lugs for easy placement on-site, incl. 2 opposite **KRASO®** Pipe Connections DN 160 bottom edge approx. 20 cm, suitable for KG, HT and KG 2000 pipes | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	80 x 80 x 70	80 x 80 x 70	80 x 80 x 70	80 x 80 x 70
Internal dimensions in cm	80 x 80	80 x 80	80 x 80	80 x 80
Internal height in cm	70	70	70	70
	without cleaning opening	with cleaning opening, fully assembled DN 160, for sewage free of faeces	with cleaning opening, fully assembled DN 160 incl. simple backwater stopper without emergency valve, for sewage free of faeces, according to DIN EN 13564 Type 0	with cleaning opening, fully assembled DN 160 incl. backwater double stopper with emergency valve, for sewage free of faeces, according to DIN 13564 Type 2
Weight approx. in t	1,1	1,1	1,1	1,1
<b>KRASO®</b> Inspection Shaft - concrete -	<b>896 €</b>	<b>1.125 €</b>	<b>1.348 €</b>	<b>1.492 €</b>



### KRASO® Backwater Shaft Type Q - sewage - **LG 2**

for backwater protection according to DIN EN 13564 Type F3, made of plastic, with water pressure tight surrounding, thermally welded **KRASO®** 4 Seal, concrete anchors, reinforcing ribs and 2 water pressure tight pipe connections, suitable for KG, HT and KG 2000 pipes, 1 electric pressure flap (with emergency power function), 1 manual return valve, for sewage containing faeces | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	600/60	800/100
Internal dimensions in cm	60 x 60	80 x 80
Internal height in cm	60	100
Pipe connection height in cm h1/h2	6/5	7/6
Backwater diameter	DN 110	DN 160
Weight approx. in kg	28	56
<b>KRASO®</b> Backwater Shaft Type Q - sewage -	<b>3.451 €</b>	<b>4.025 €</b>

Special sizes and designs available on request!



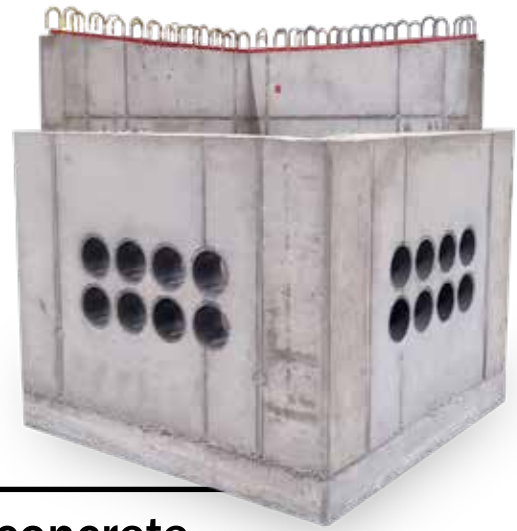
### KRASO® Pump Sump Type Q - thermally insulated - **LG 2**

for collecting waste water, with water pressure tight surrounding, thermally welded **KRASO®** 4 Seal, concrete anchors, reinforcing ribs, 1 piece water pressure tight KG pipe connection DN 110, surrounding approx. 10 cm thick thermal insulation | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	600/60	600/80	800/100	1000/100
Internal dimensions in cm	60 x 60	60 x 60	80 x 80	100 x 100
Internal height in cm	60	80	100	100
DN 110	20	20	30	30
Weight approx. in kg	49	60	113	143
<b>KRASO®</b> Pump Sump Type Q - thermally insulated -	<b>Prices on request !</b>			

Special sizes and designs available on request! Modification of pipe connection height possible!





## KRASO® Special Designs made of concrete

### Pumps sumps, cable ducts, lift pits

- + Made of waterproof concrete, **produced exactly according to your specifications!**  
All dimensions (width, length, height, wall thickness) are variable.
- + **Installation parts** such as pipe penetrations, casings or anchor rails (for lift pits) are **installed accurately.**
- + **Weather-independent production of concrete shafts up to a total weight of 20 tons!**
- + **Saves time, working hours, money and additional drainage!**  
We are happy to advise you individually!



example 100 x 100 x 80 cm  
total weight: approx. 1.5 t



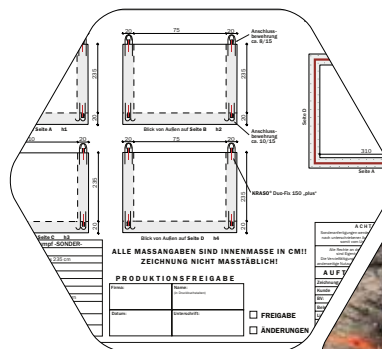
example 140 x 70 x 65 cm  
total weight: approx. 1.0 t



example 60 x 60 x 33 cm  
total weight: approx. 0.5 t



example 200 x 200 x 170 cm  
total weight: approx. 18.2 t



The production is carried out according to your specifications!



### KRASO® Pump Sump - concrete - special

internal dimensions approx.: 310 x 75 x 235 cm, made of waterproof concrete, with 20 cm thick, reinforced wall and base plates ( 20 kg per cbm ). Rebar connection approx. 8/15 double-row, water pressure tight surrounding, MPA-tested construction joint tape **KRASOflex® Duo-Fix 150 „plus“**, total weight: approx. 11.7 t





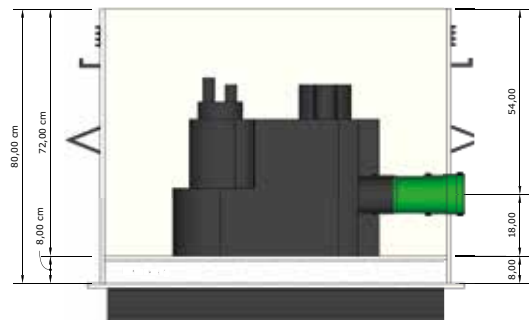
## KRASO® Pump Sump Type Q - sewage - Low weight, high performance

- + **The high-performance solution for sewage containing faeces:** the combination of **KRASO® Pump Sump Type Q** and closed pumping system according to DIN 12050-1.
- + **Suitable for** single-family homes, basement flats, sanitation in private basements!
- + **Pumping medium:** clear water / wastewater containing solids and fibers / sewage
- + Low weight = **low transport costs and easy handling without crane on-site!**
- + **Saves time, working hours, money and additional drainage!**  
We are happy to advise you individually!
- + **No higher risks** occurring by leaking concrete joints and/or pipe connections!
- + Made of high-quality, impact resistant, almost indestructible plastic.  
**Special dimensions are available within a few days!**
- + **Double floor:** fixation of the pumping system only necessary in the upper base plate
- + **Installation and connection of the pumping system must be done by a plumbing or heating contractor**
- + Optionally available:
  - **Wedge gate valve** (on the water pressure side requested according to DIN)
  - **KRASO® Pump Sump Cover 100/100**
- + **DafStB waterproof concrete guideline: stress class 1 + 2**



wedge gate valve for  
KRASO® Pump Sump Type Q - sewage -

schematic illustration



### KRASO® Pump Sump Type Q - sewage - **LG 2**

for pumping out of sewage containing faeces, suitable for KG, HT and KG 2000 pipes, pumping system (excl. maintenance contract) | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® Pump Sump Type Q - sewage -
Internal dimensions in cm	100 x 100
Internal height in cm	72
DN 110 h internal (axis)	18 (modification of pipe connection height possible)
Weight approx. in kg	105
<b>KRASO® Pump Sump Type Q - sewage -</b>	<b>4,310 €</b>
Optionally available: wedge gate valve	<b>575 €</b>

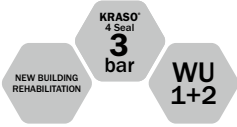
**Scope of supply:** KRASO® Pump Sump Type Q - sewage -, pumping system • Optionally available: wedge gate valve

**Special sizes and designs available on request! Modification of pipe connection height possible!**





KRASO® Pump Sump Poly 400 - complete -  
Check the installation video  
(just scan the QR code!)



## KRASO® Pump Sump Poly 400 - complete - KG 2000 Light, tight, complete

- + Light and water pressure tight complete solution for sewage free of faeces - for new buildings or rehabilitation!
- + Saves time and money: simple installation due to light weight - no additional formwork or concreting sections for several days required!
- + No higher risks occurring by leaking concrete joints and/or pipe connections!
- + DafStB waterproof concrete guideline: stress class 1 + 2



KRASO® Pump Sump Poly 400 - complete - Pump



### KRASO® Pump Sump Poly 400 - complete - KG 2000 **LG 2**

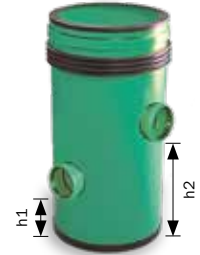
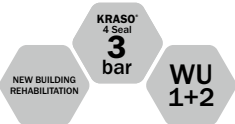
for collecting and pumping out of sewage free of faeces, with shear key and pipe connection DN 110 suitable for KG, HT and KG 2000 pipes, KRASO® Poly 400 - Pump - (for sewage, excl. maintenance contract), empty pipe extension for the adjustment to subsequent floor construction | DafStB waterproof concrete guideline: stress class 1 + 2

Type / Item	KRASO® Poly 400 / 80 - complete - KG 2000	KRASO® Poly 400 / 100 - complete - KG 2000
Internal diameter in cm	37	37
Internal height in cm	80	100
Intake DN 110	h1 30	30
Empty pipe DN 110	h2 34	54
Installation weight approx. in kg	21	23
KRASO® Pump Sump Poly 400 - complete - KG 2000 - Cover: walkable	1,489 €	1,530 €
KRASO® Pump Sump Poly 400 - complete - KG 2000 - Cover: water and odour-tight	1,682 €	1,717 €

**Scope of supply:** 1. building shell element: KRASO® Pump Sump Poly 400 - complete - KG 2000 with protective cover, pump sump-protective cover for building shell, universal pump fastener

2. Installation set: KRASO® Poly 400 - Pump -, drain hose 1.25 m, internal diameter: 38 mm, universal hose connector 20 cm, empty pipe insert, KRASO® Sealing Insert Poly - complete -, KRASO® Poly 400 Cover - walkable -

**Special sizes and designs available on request!**

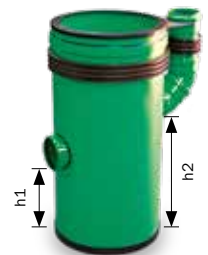


### KRASO® Pump Sump Poly 400 - KG 2000 **LG 2**

for collecting waste water, with water pressure tight surrounding, thermally welded **KRASO® 4 Seal**, shear key and pipe connection DN 110, suitable for KG, HT and KG 2000 pipes | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® Poly 400 / 60 - KG 2000	KRASO® Poly 400 / 80 - KG 2000
Internal diameter in cm	37	37
Internal height in cm	60	80
DN 110	h1	20
DN 110	h2	41
Weight approx. in kg	17	21
<b>KRASO® Pump Sump Poly 400 - KG 2000</b>	<b>524 €</b>	<b>614 €</b>
Surcharge: per each 10 cm additional height		<b>47 €</b>
Surcharge: for change of the height of the connection		<b>23 €</b>

**Special sizes and designs available on request!**



### KRASO® Pump Sump Poly 400 - LR - KG 2000 **LG 2**

for collecting waste water, with water pressure tight surrounding, thermally welded **KRASO® 4 Seal**, shear key and pipe connection DN 110 suitable for KG, HT and KG 2000 pipes, water pressure tight empty pipe system with protective cover, pump sump protective cover for the shell construction phase | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® Poly 400 / 80 - LR - KG 2000	KRASO® Poly 400 / 100 - LR - KG 2000
Internal diameter in cm	37	37
Internal height in cm	80	100
Intake DN 110	h1	30
Empty pipe DN 110	h2	54
Installation weight approx. in kg	21	23
<b>KRASO® Pump Sump Poly 400 - LR - KG 2000</b>	<b>841 €</b>	<b>866 €</b>

**Scope of supply:** KRASO® Pump Sump Poly 400 - LR - KG 2000 with protective cover, pump sump protective cover for the shell construction phase

**Special sizes and designs available on request!**

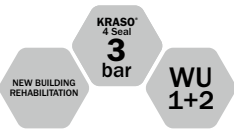


### KRASO® Pump Sump Poly 400 - NE - KG 2000 - retrofit installation **LG 2**

for retrofit installation into existing base plate with **KRASO®** Sealing Insert Type DD 500/400 (see page 13), made of high-quality, dimensionally and pressure stable solid wall material, with surrounding shear key and base for **KRASO®** Sealing Insert (not included in the scope of supply)

Type / Item	KRASO® Poly 400/60 - NE - KG 2000	KRASO® Poly 400/80 - NE - KG 2000
Internal diameter in cm	37	37
Internal height in cm	60	80
Weight approx. in kg	17	21
<b>KRASO® Poly 400/60 - NE - KG 2000</b> (excl. accessories)	<b>569 €</b>	<b>607 €</b>
Surcharge: per each 10 cm additional height	47 €	
<b>KRASO® Sealing Insert Type DD 500/400</b>	<b>564 €</b>	

Special sizes and designs available on request!



### KRASO® Poly - Inspection Shaft - KG 2000 **LG 2**

for checking, maintaining and cleaning pipelines, with water pressure tight surrounding, thermally welded **KRASO®** 4 Seal and pre-installed shear key with cleaning opening, for sewage free of faeces, pipe connections DN 110/160 suitable for KG, HT and KG 2000 pipes | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® Poly - Inspection Shaft 400/80 - KG 2000	KRASO® Poly - Inspection Shaft 500/80 - KG 2000
Internal diameter in cm	37	46,9
Internal height in cm	80	80
Intake in cm	h1 76	77
Drain in cm	h2 78	78
Cleaning access pipe	DN 110	DN 160
Weight approx. in kg	18	30
<b>KRASO® Poly - Inspection Shaft - KG 2000</b>	<b>702 €</b>	<b>1.054 €</b>

Special sizes and designs available on request! Modification of pipe connection height possible!



after the building period:  
water pressure tight closure cover with **KRASO®** Sealing Insert Type Poly 400 - Blind with lifting lugs



### KRASO® Pressure Shaft 400 - KG 2000 **LG 2**

for water drainage during the building period, with water pressure tight surrounding, thermally welded **KRASO®** 4 Seal, surrounding shear key, surrounding perforated plate encasement and filter fleece, and base for **KRASO®** Sealing Insert Type Poly 400 - Blind (not included in the scope of supply) **water entry in non-installed state: with fleece 60 l/s, without fleece 90 l/s** | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® Pressure Shaft 400/60 - KG 2000	KRASO® Pressure Shaft 400/80 - KG 2000
Internal diameter in cm	37	37
Internal height in cm	60	80
Perforated plate encasement in cm	20	20
Weight approx. in kg	15	17
<b>KRASO® Pressure Shaft 400 - KG 2000</b> (excl. accessories)	<b>681 €</b>	<b>763 €</b>
<b>KRASO® Sealing Insert Type Poly 400 - Blind</b>	<b>568 €</b>	

Special sizes and designs available on request!



# KRASO® Pump Sump Poly 400 - KG 2000

## Covers and accessories



height-adjustable  
and rotatable  
from 2 - 20 cm

### Poly 400 Cover plastic - walkable -

frame and cover made of plastic,  
insert frame height-adjustable  
and rotatable from 2 - 20 cm,  
edge length 46 cm



height-adjustable  
and rotatable,  
screwable  
from 2 - 20 cm

### Poly 400 Cover plastic - water and odour-tight - - walkable -

frame and cover made of plastic,  
screwable, insert frame height-adjustable and  
screwable from 2 - 20 cm, edge length 46 cm



height-adjustable  
and rotatable,  
screwable  
from 8 - 25 cm

### Poly 400 Cover plastic - fit for traffic - A15

frame and cover made of plastic,  
screwable, insert frame height-adjustable and rotatable  
from 8 - 25 cm,  
edge length 45 cm



height-adjustable  
and rotatable,  
screwable  
from 8 - 25 cm

### Poly 400 Cover plastic - water and odour-tight - - fit for traffic - A15

frame and cover made of plastic,  
insert frame height-adjustable and rotatable  
from 8 - 25 cm, edge length 45 cm



height-adjustable  
and rotatable  
from 2 - 20 cm

### Poly 400 Slot Grate Cover plastic - walkable -

frame and cover made of plastic,  
drainage capacity approx. 3.9 l/sec., insert  
frame height-adjustable and rotatable from 2 -  
20 cm, edge length 46 cm



height-adjustable  
and rotatable  
from 8 - 25 cm

### Poly 400 Slot Grate Cover plastic - fit for traffic - A15

frame and cover made of plastic,  
drainage capacity approx. 4.1 l/sec., insert  
frame height-adjustable and rotatable  
from 8 - 25 cm, edge length 45 cm



height-adjustable  
and rotatable  
from 7 - 29 cm

### Poly 400 Cover - fillable - - water and odour-tight - - fit for traffic - approx. 125 kN

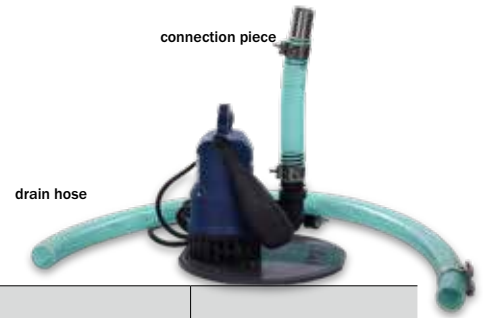
edge length 53 cm, galvanised, loading after  
filling with concrete C 35/45: approx. 125 kN,  
height-adjustable and rotatable from 7 - 29 cm

## KRASO® Pump Sump Poly 400 - Covers **LG 4**

Type / Item	
<b>Poly 400 Cover plastic - walkable -</b> frame and cover made of plastic, insert frame height-adjustable and rotatable from 2 - 20 cm, edge length 46 cm	<b>195 €</b>
<b>Poly 400 Cover plastic - water and odour-tight - walkable -</b> frame and cover made of plastic, screwable, insert frame height-adjustable and rotatable from 2 - 20 cm, edge length 46 cm	<b>332 €</b>
<b>Poly 400 Cover plastic - fit for traffic - A15</b> frame and cover made of plastic, screwable, insert frame height-adjustable and rotatable from 8 - 25 cm, edge length 45 cm	<b>340 €</b>
<b>Poly 400 Cover plastic - water and odour-tight - fit for traffic - A15</b> frame and cover made of plastic, screwable, insert frame height-adjustable and rotatable from 8 - 25 cm, edge length 45 cm	<b>537 €</b>
<b>Poly 400 Slot Grate Cover plastic - walkable -</b> frame and cover made of plastic, drainage capacity approx. 3.9 l/sec., insert frame height-adjustable and rotatable from 2 - 20 cm, edge length 46 cm	<b>215 €</b>
<b>Poly 400 Slot Grate Cover plastic - fit for traffic - A15</b> frame and cover made of plastic, drainage capacity approx. 4.1 l/sec., insert frame height-adjustable and rotatable from 8 - 25 cm, edge length 45 cm	<b>469 €</b>
<b>Poly 400 Cover - fillable - water and odour-tight - fit for traffic - approx. 125 kN</b> edge length 53 cm, galvanised, loading after filling with concrete C 35/45: approx. 125 kN, height-adjustable and rotatable from 7 - 29 cm	<b>518 €</b>



additional intake for  
KRASO® Pump Sump Poly 400 - KG 2000



## KRASO® Pump Sump Poly 400 - KG 2000 - Accessories **LG 1**

Type / Item	
<b>Poly 400 - Pump -</b> sludge water pump, motor, rotor shaft and screws made of non-corrosive stainless steel, suitable for permanent operation (without maintenance)	<b>322 €</b>
<b>Sealing Insert Poly - complete -</b> split version, non-corrosive stainless steel V2A, 40 mm seal, media line: 1 x 6 mm, 1 x 8 mm, 1 x 47 mm, Torque Control Nut KRASO® DKM	<b>131 €</b>
<b>Connection Piece</b> flexible, kink-resistant connection piece, 0.25 m, quick connector, stainless steel clamps	<b>13 €</b>
<b>Drain Hose</b> flexible, kink-resistant drain hose per metre, quick connector, stainless steel clamps	<b>23 €</b>
<b>Protective Cover</b> for KRASO® Pump Sump Poly 400	<b>24 €</b>
<b>Additional Intake DN 110</b> arrangement and height according to customer's specifications	<b>42 €</b>
<b>Additional Intake DN 125</b> arrangement and height according to customer's specifications	<b>47 €</b>
<b>Additional Intake DN 160</b> arrangement and height according to customer's specifications	<b>54 €</b>



## KRASO® Water Shaft **LG 1**

simple and quick "dry out" of construction-sites, with water pressure tight surrounding KRASO® 4 Seal and shear key | DafStB waterproof concrete guideline: stress class 1 + 2

Type / Item	KRASO® Water Shaft 300/30
Internal diameter in cm	30
Internal height in cm	30
Weight approx. in kg	5
<b>KRASO® Water Shaft</b>	<b>132 €</b>

**Special sizes and designs available on request!**

At the  
construction site  
even before  
you!



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## KRASO® Logistics: simple + fast!

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- + Thanks to our extensive warehousing, most orders placed before 2 pm are ready for dispatch the same day.
- + We only work with reliable and long-established logistic partners.
- + All our consignments are packed in a secure and damage-proof way and only dispatched after a detailed final inspection.
- + On request, we deliver directly to the construction-site!







**KRASO®**  
Tenders for  
your building  
project!



- + Free of charge and convenient: find tenders for **KRASO® Products** quick and easily, including **product images** and **installation situations!** Also available as download for your digital tenders, allocation and billing: **Word, Excel, PDF, RTF, TXT, GAEB, Datanorm 5, ÖNORM files**
- + **KRASO® Tenders**, product lines, contact details etc. on [heinze.de](https://heinze.de)  
**KRASO® Tenders** on [ausschreiben.de](https://ausschreiben.de)

AUSSCHREIBEN.DE



**KRASO®**  
Product  
Trainings –  
how to become  
an expert!

- + We offer regular training courses, where our dealers learn which product provides the right solution for particular sealing situations. At our location in Rhede/North Rhine-Westphalia, participants acquire the necessary knowledge about our products, learn about the areas of application and can discuss with our staff. Afterwards, the participants are real **KRASO® Product Experts** and can provide competent advice on sealing problems and the use of **KRASO® Products!**





**KRASO®**  
Products – all  
information  
online!



- + Data sheets, test reports, tenders, product images, DWG files, installation instructions and videos can be found online for every **KRASO®** Product. Also on **KRASO.de**: current news, exhibition dates, reference objects and much more!
- + Get lots of interesting insights, practical examples and reference on our social media channels. Follow us on Facebook, Instagram and so on.

- + **KRASO® PU 50**: the high-quality, strong and permanently elastic PU sealant!
- + Recommended for all products with **KRASO® Foil Flange!**  
E.g. for **KRASO® Floor Penetration Type BDF with foil flange**, **KRASO® Floor Drain with foil flange**, **KRASO® Foil Clamping Flange Type FKF** (included in the delivery), **KRASO® Multi-Flange Plate Type MFP** (included in the scope of supply) etc.
- + 290 ml - cartridge for cartridge presses
- + Colour: black



**KRASO®**  
**PU 50:**  
strong adhesive,  
permanently  
elastic







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### **KRASOflex® Construction Joint Tapes**

KRASOflex® 155 (p. 135) + Duo-Fix 150 „plus“ (p. 136) + Construction Joint-Wall Element AFW 150 (p. 139) + KM-Band (p. 139) + Joint Tape A (p. 146) + Joint Tape ASI (p. 146) + Joint Tape AA (p. 147)

### **KRASOflex® Expansion Joint Tapes**

Joint Tape AD (p. 147) + Joint Tape D (p. 147)

### **KRASOflex® Star Tubes**

Star Tube Basis (p. 138) + Star Tube System (p. 139)

### **KRASOflex® Joint Plate ZVB**

Joint Plate ZVB (p. 140) + Joint Plate ZVB - Desired Crack Elements (p. 141) + Formwork Elements (p. 142) + Benthonit Expansion Joint Tape (p. 143) + Expansion Rubber (p. 143)

### **KRASOflex® Moulded Parts**

Building Expansion Joint T1 (p. 148) + Building Expansion Joint T2 (p. 148) + Construction Joint T3 (p. 149) + Wall Expansion Joint T4 (p. 149) + Building Expansion Joint T5 (p. 149) + Construction Joint T6 (p. 149)

### **KRASOflex® Clamp Constructions**

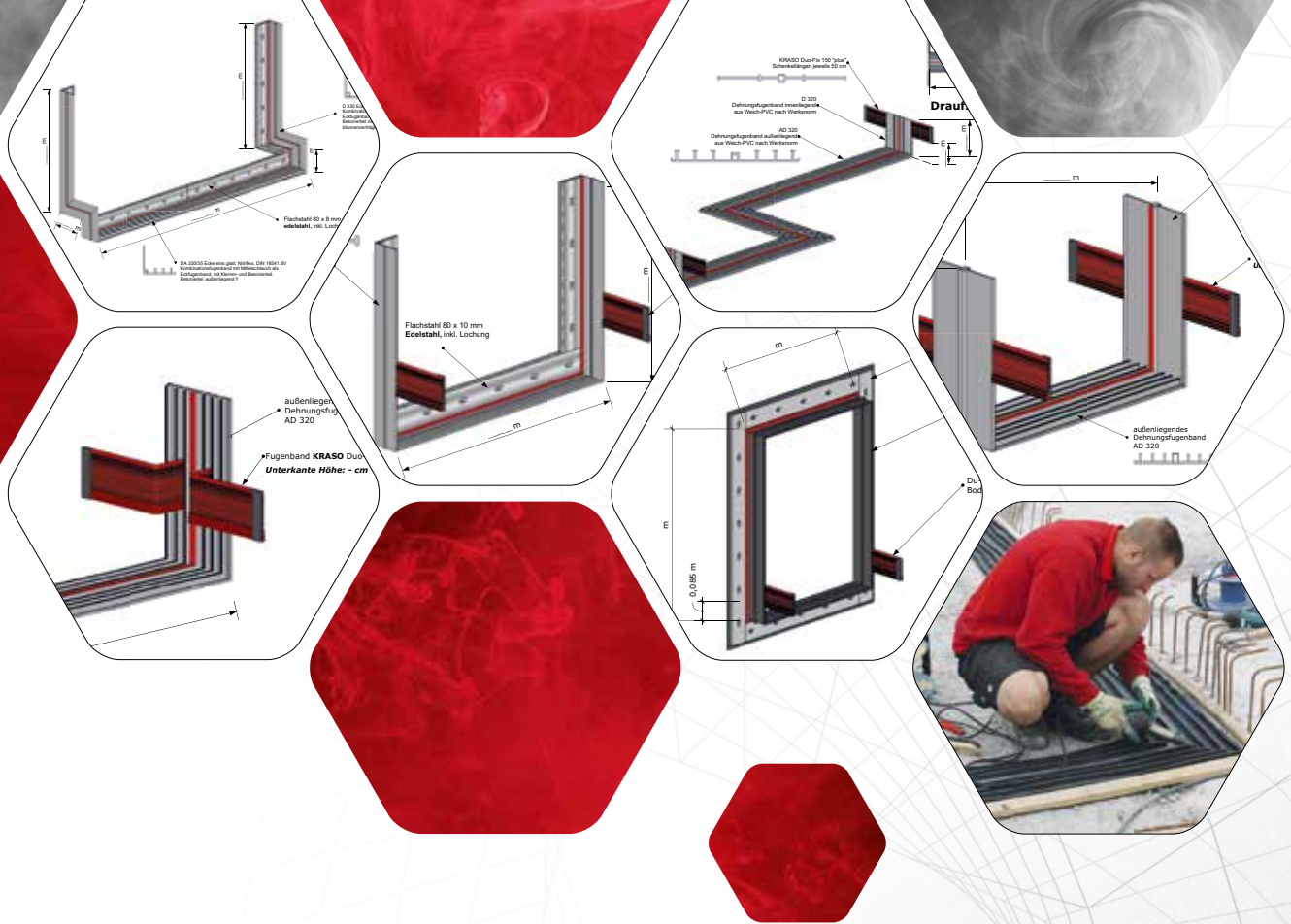
Clamp Constructions (p. 150) + Clamp Constructions - Accessories (p. 150)

### **KRASOflex® Accessories**

Mounting Clamp (p. 136) + Sealing Strip (p. 136)

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## KRASO® Joint Tape Service from A to Z

### Production, packaging, installation

- + **Our experience, your advantage:** we refer to your formwork and design plans for dimensions, lengths and the type of joints and develop the **appropriate solution for effective joint sealing**.
- + The production takes place under **ideal conditions** in our factory: independent of weather conditions and free of contamination. On-time delivery avoids unnecessarily long storage times on-site.
- + **Advice, measurement and installation on-site!**

*„Huge construction projects require precise planning - also with regard to the various joints and the connection of existing components. With our experience and manufacturing expertise, we are at your side from the very beginning!“* Tim Weyer, Projects / Engineering

**We look forward to your enquiry!**

- + +49(0)28 72 - 95 35-0
- + WhatsApp +49(0)28 72 - 95 35- 888 
- + [projekte@kraso.de](mailto:projekte@kraso.de)

