

## Horizontal Container Pump Lutz B200

# Container Emptying: The compact solution

For optimum transfer of thin-bodied, light  
or low viscous liquids



New: Now  
available in  
PVDF



**Safety is our Concern**

# Horizontal Container Pump Lutz B200

## Different materials for a wide range of applications

**This very compact pump is a great alternative when conventional vertical drum pumps cannot be used e.g. for containers which are stored in shelves.**

In cases where access to the IBC container from above is not possible, the new horizontal Lutz B200 is directly connected to the bottom outlet valve. The hydraulic capacity is much higher compared with a hydrostatic outlet.

In combination with delivery hose and nozzle, this pump allows controlled filling and can also be operated against a closed valve.

### Product Features:

- » Centrifugal pump with axial impeller in compact design, **low space requirement**
- » Directly connected to the bottom outlet valve of the IBC with standard union nut
- » **Variable drive concept**  
(compatible with all universal and compressed air motors)
- » **Easy to dismantle**, two-part pump with clamp connections (stainless steel version)
- » **No suction hose required**, significantly lower product release during disconnection
- » **Explosion-proof** stainless steel versions for applications in Ex-areas (Zone 1 and 2), including check valve
- » Significantly **better hydraulic capacity** compared to hydrostatic outlet
- » Operation against closed shutoff elements (e.g. ball valve, nozzle) is possible at any time
- » **The new PVDF version** for highly aggressive liquids
- » **SafetyBox for leakage detection** (optional)



Lutz B200 PVDF



Lutz B200 SS in food version



Lutz B200 SS in explosion-proof version



**See the  
video now!**

# Horizontal Container Pump Lutz B200

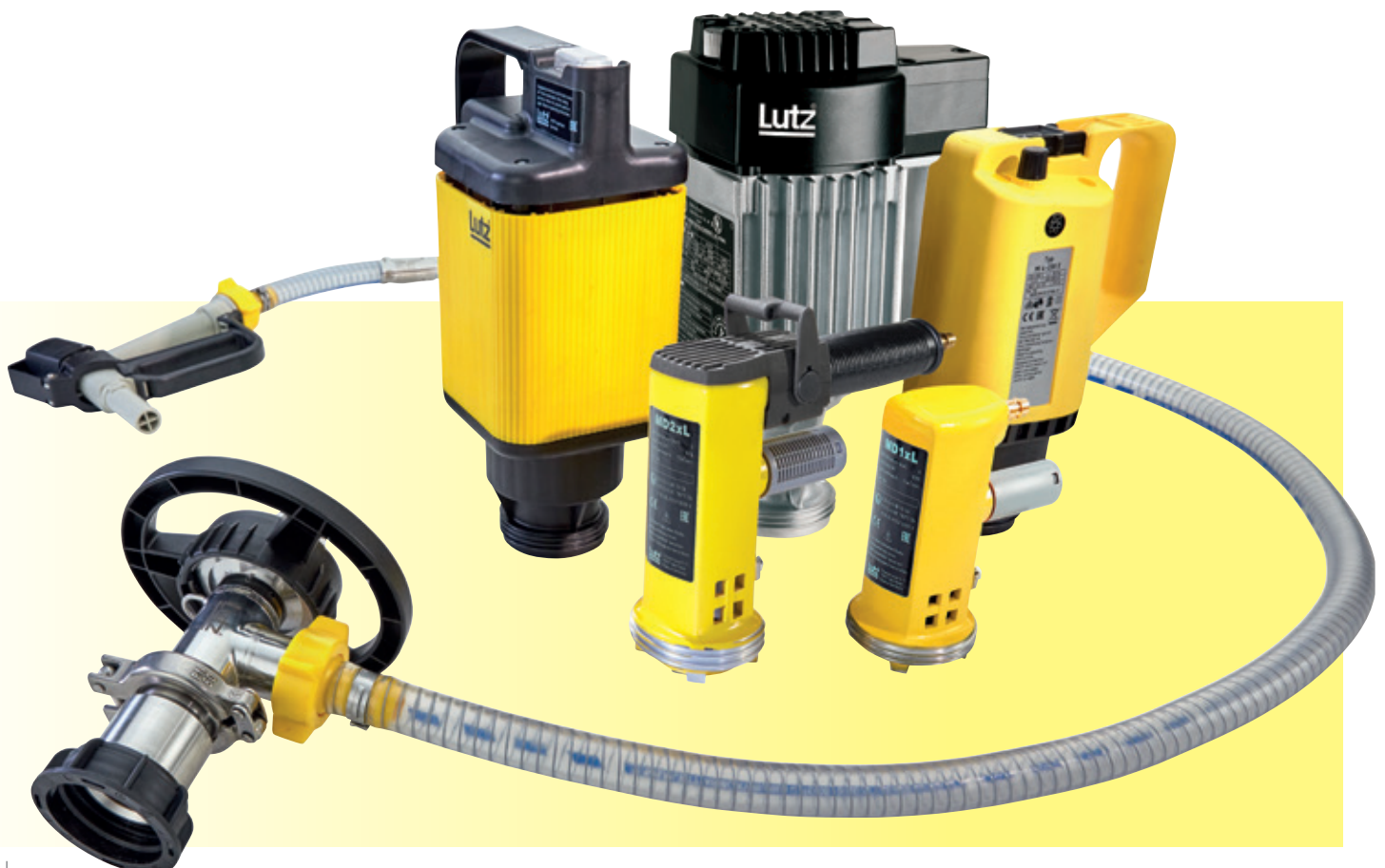
## Pump Capacities:

Similar to the conventional Lutz drum and container pumps, the new pump tube can be combined with various universal and compressed air motors<sup>1</sup>.

<sup>1</sup> Motors see main catalogue.

## Typical liquids being pumped

- » Thin-bodied mineral oil products
- » Emulsions
- » Solvents
- » Aqueous solutions
- » For highly aggressive alkalis and acids
- » Vegetable oils
- » Cleaning, care and disinfection agents



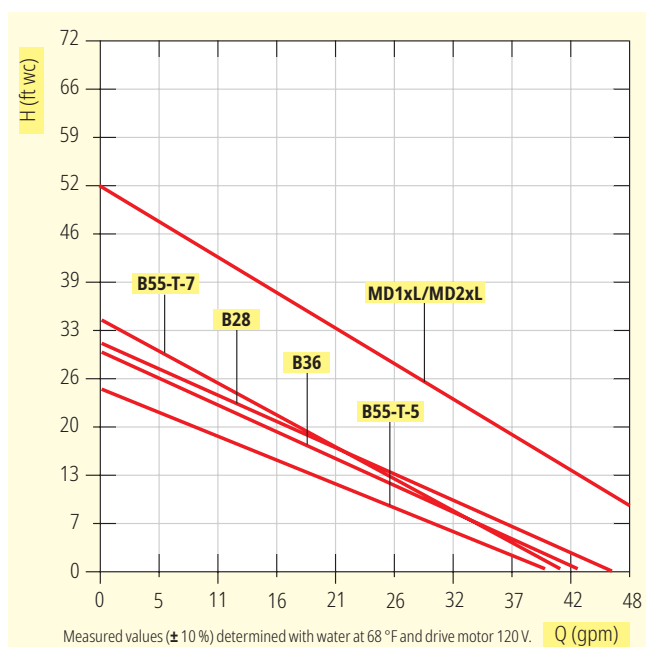


# Horizontal Container Pump Lutz B200

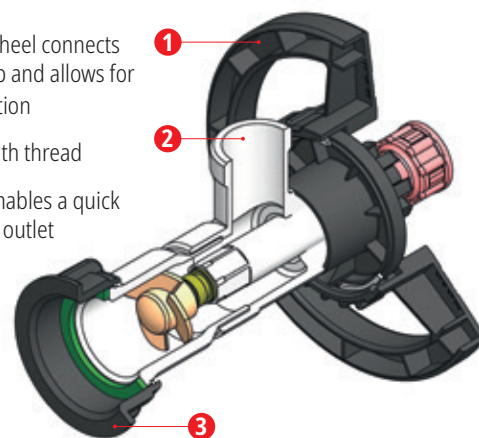
## Pump tube PVDF

### Technical data:

Quantity:	max. up to 57 gpm
Delivery head:	max. up to 52 ft wc
Viscosity:	max. up to 1000 cps
Spec. gravity:	max. up to 2.8
Temperature:	max. up to 212 °F
Weight:	approx. 1.43 lbs
Materials:	PVDF, Hastelloy-C, FPM, Carbon, SIC, PTFE, ETFE



- 1 The Lutz hand wheel connects motor and pump and allows for quick disconnection
- 2 Pressure joint with thread
- 3 The union nut enables a quick mounting at the outlet of the container



### Recommended accessories:

Ref.-No.	Description
0208-193	<b>Turnbuckle</b> Alleviates the strain on the outlet connection when using heavy motors
0208-192	<b>Mounting bracket</b> Alleviates the strain on the outlet connection when using heavy motors, if turnbuckle cannot be used

### The following sets are available for the Lutz B200 PVDF:

Includes:	Pump tube Lutz B200 PVDF	Set Lutz B200 PVDF conc. acids and alkalis	Pump tube Lutz B200 PVDF with SafetyBox*	Set Lutz B200 PVDF conc. acids and alkalis SafetyBox*
Pump tube B200 PVDF 41-R-MS	✓	✓	✓	✓
78" special chemical hose DN 19 with PVDF connection	-	✓	-	✓
Nozzle PVDF	-	✓	-	✓
Monitoring module SafetyBox	-	-	✓	✓
16.4 ft power supply cable, 230 V	-	-	✓	✓
Ref.-No.	0123-420	0205-291	0205-290	0205-292
Ref.-No. Additional price seal kit FFPM/PE	0123-110			

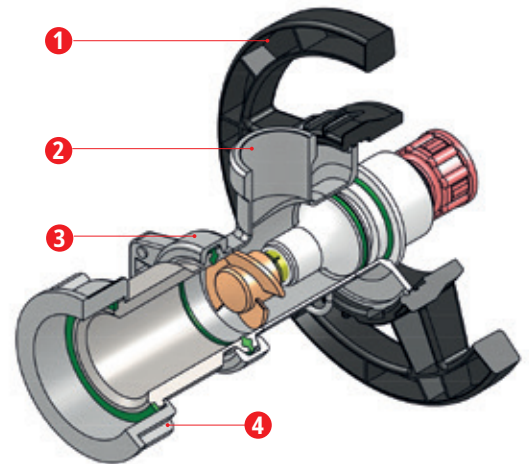
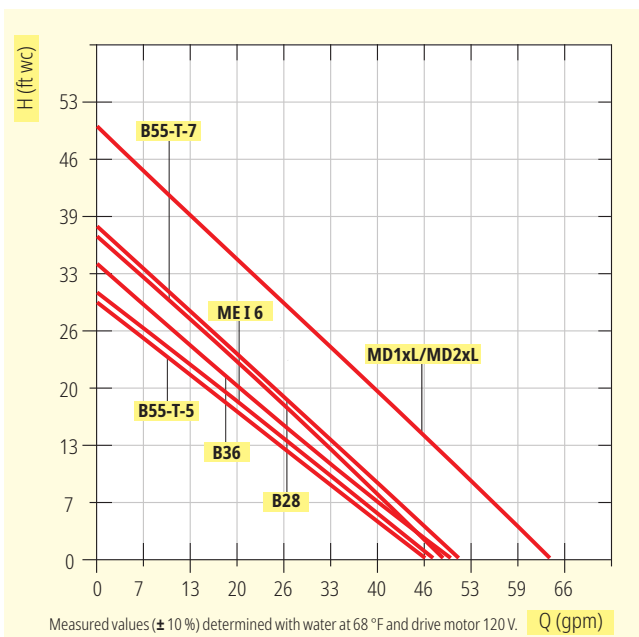
\*Use motors with low-voltage release, see main catalogue.

# Horizontal Container Pump Lutz B200

Pump tube SS

## Technical data:

Quantity:	max. up to 64.5 gpm
Delivery head:	max. up to 49 ft wc
Viscosity:	max. up to 1000 cps
Spec. gravity:	max. up to 2.8
Temperature:	max. up to 212 °F
Weight:	approx. 3 lbs
Materials:	Stainless steel (316 Ti), ETFE, PTFE Carbon, ceramic, FPM or EPDM



- 1 The Lutz hand wheel connects motor and pump and allows for quick disconnection
- 2 Pressure joint with thread
- 3 The union nut enables a quick mounting at the outlet of the container
- 4 Pressure joint with thread or clamp connection











## Several pump tubes are available for container pump Lutz B200 SS:

Ref.-No.	Description
0151-400	Pump Tube B200 SS 41-R-MS FPM, OT 1 1/4"
0151-401	Pump Tube B200 PURE SS 41-R-MS FPM, Clamp
0151-402	Pump Tube B200 PURE SS 41-R-MS EPDM, Clamp
0151-403	Pump Tube B200 Ex PURE SS 41-R-MS FPM, Clamp
0151-404	Pump Tube B200 Ex PURE SS 41-R-MS EPDM, Clamp



# Range of accessories

## Pump tubes B200

Product detail	Specification	Order No.
	<b>Adapter fitting</b> Tri-Clamp (316 L) DN 32 / G 1 1/4 OT for B200 SS	<b>0370-104</b>
	<b>Tri-Clamp locking clamp</b> (316 L), DN 25/32/40 for B200 SS	<b>0370-088</b>
	<b>Tri-Clamp seal</b> EPDM DN 32 for B200 SS FPM DN 32 for B200 SS	<b>0314-596</b> <b>0314-597</b>
	<b>Check valves SS</b> FPM Clamp DN 32 for B200 SS EPDM Clamp DN 32 for B200 SS	<b>0208-202</b> <b>0208-203</b>
	<b>Mounting bracket B200</b> Alleviates the strain on the outlet connection when using heavy motors, if turnbuckle cannot be used	<b>0208-192</b>
	<b>Turnbuckle</b> Alleviates the strain on the outlet connection when using heavy motors	<b>0208-193</b>
	<b>Wing nut stainless steel for outrun piece</b> S60 x 6, with retaining ring for B200 SS	<b>0151-416</b>
	<b>Electronic flow meter, TR3-PVDF series</b> For efficient flow rate measuring of various liquids. Ease of handling, compact design, connection 1 1/4 Material polyvinylidene fluoride (PVDF) For more details see flow meter brochure.	
	<b>Hose connections</b> See accessories drum pump brochure	
	<b>Hoses</b> See accessories drum pump brochure	
	<b>Nozzles</b> See accessories drum pump brochure	

# Horizontal Container Pump Lutz B200

## Monitoring module SafetyBox for container pump B200 PVDF

**Dynamic seals are subject to wear and can lead to leakage**

**The consequences are:**

- Environmental contamination
- Health risk

Dynamic seals should be replaced after specified operating times. Since the operating time of mobile pumps is less easy to monitor, there is a higher probability that wearing parts will be used longer than expected. The solution is the SafetyBox monitoring module with which leaks in the mechanical seal can be detected.

**Benefits:**

- » Safe operation
- » Low cost solution
- » Simple installation, can be retrofitted at any time
- » Can also be used for other Lutz drum pumps

**Function:**

- » **Detects leakage** of conductive liquids
- » **Visual and acoustic signals for leakage detection** (siren, lamp)
- » **Emergency stop function** of the motor in case of leakage
- » **Plug & Play**
- » **Easy installation** by attaching a leakage sensor to the connecting head of the pump

**Technical data SafetyBox:**

Voltage:	230 V
Frequency:	50 Hz
Max. switching current:	8 A
Type of protection:	IP 54
Ambient temperature:	50-122 °F
Weight:	2.3 lbs
Minimum conductivity of the detectable liquid: 10 µS/cm	
Sensitivity adjustment range: 5-100 kΩ	



### SafetyBox for container pump Lutz B200 PVDF

Ref.-No.	Description
0208-450	<b>Monitoring module SafetyBox</b>
0211-155	<b>Power supply cable, 230 V, 16.4 ft long</b>

### Additional accessories when using a compressed air motor

Ref.-No.	Description
0211-151	<b>Connecting cable SLOW valve,</b> 16.4 ft long, 230 V, 50 Hz
5000-167	<b>2/2-way solenoid valve</b> blocks the air supply to the drive motor, Brass G 3/8 IT



Lutz offers the  
optimum  
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Fluid Management

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