

Lutz Drum and Container Pumps

Lightweight and powerful

New dimensions of flexibility

With the development of the new battery pumps B1 Battery and B2 Battery, Lutz launches a new dimension of mobility, battery performance, low weight, and life service.

Features/Benefits:

- » BLDC motor with up to 70% efficiency
- » Variable speed control
- » Modular construction
- » Lightweight
- » High capacity battery
- » Long service life
- » Low noise level ≤ 70 dBA
- » Quick-action coupling
- » Available in **polypropylene, polyvinylidene fluoride** and **stainless steel (316 Ti)**



Mobile Pump Station

For flexible use, the pump and the drum can be easily and quickly moved to a different location via trolley (Order No. 0371-030).

B1 Battery:



**1 Battery charge =
2 x 55 gallon Container***

* determined with pump tube PP 25-L SL

**Battery life:
25 minutes
at max. speed**

B2 Battery:



**1 Battery charge =
12 x 55 gallon Container***

* determined with pump tube PP 32-R SL

**Battery life:
34 minutes
at max. speed**

Lutz Drum Pump B1/B2 Battery

B1 Battery:

- » Small to medium filling quantities
- » Low power
- » Lower viscosity up to max. 200 cps
- » Low pressures/low flow rates
- » Spec. gravity up to max. 1.3
- » Automatic switch-off at overload



Rechargeable battery with Li-Ion technology

Infinitely variable for all demands

Easy handling due to compact design and lightweight

Wear-free, low-level noise BLDC motor

Easy disassembly with quick coupling

B2 Battery:

- » Medium to large filling volume
- » Particularly high performance at a low weight
- » Higher viscosity up to max. 400 cps
- » Higher pressures/flow rates
- » Spec. gravity up to max. 1.6
- » Longer battery life
- » Automatic switch-off at overload



Rechargeable, high-performance Li-Ion technology

Infinitely variable for all demands

Easy handling: compact design, convenient carrying handle and lightweight

Wear-free, low noise level BLDC motor: Particularly high performance at low weight

Easy disassembly with quick coupling

Lutz Pump Sets

Pump Set B1/ B2 Battery

Lutz pump sets save time and money. The annoying search for the right pump and accessories has come to an end. Lutz is offering a choice of pump sets. Optionally, the pumps can be combined with a flow meter.

Lutz has optimal solutions for almost all applications.

Our pump sets include:

- » Motor B1/B2 Battery
- » With or without TR3 flow meter
- » Pump tube
- » Hose with hose clamps
- » Lutz nozzle

Accessories ordered separately:

- » Battery
- » Charger





Rechargeable battery
with Li-Ion technology



BLDC motor



Flow meter TR3



Hose set with nozzle
and hose clamps



Pump tube



Lutz Pump Sets

Pump Set B1 Battery (polypropylene)

For thin-bodied fluids

such as battery acid, ammonia solution, glycols, phosphoric acid, hydrochloric acid and hydrogen peroxide.

For transferring small quantities from canisters and drums.

• Motor B1 Battery

70 watt/0.094 HP internally ventilated

Spec. gravity:	Viscosity (cps)	Quantity (GPM)	Delivery head (FT)
1.3	200	5.3	20

Max. temperature of medium 104 °F

Specified values are maximum values determined with water at 68 °F, measured directly at the pressure point. Viscosity determined with oil.



Pump Set B1 Battery

for thin-bodied fluids



For emptying canisters and drums

Set B1 Battery PP 25-L SL

Set B1 Battery PP 25-L SL with flow Meter TR3-PP

Motor B1 Battery		✓		✓
Flow meter TR3-PP		-		✓
Pump tube PP 25-L SL in polypropylene		✓		✓
59" PVC hose 3/4"		✓		✓
Hose clamps		✓		✓
Lutz nozzle		✓		✓
Immersion depths	19"	27"	39"	39"
Order No.	0207-090	0207-091	0207-092	0207-093
Battery 10.8 V			0332-027	
Battery charger			0335-336	

Lightweight and powerful

Pump Set B2 Battery (polypropylene)

For thin-bodied fluids

such as battery acid, ammonia solution, glycols, phosphoric acid, hydrochloric acid and hydrogen peroxide.

For transferring small quantities from canisters and drums.

• Motor B2 Battery

260 watt/0.35 HP internally ventilated

Impeller	Spec. gravity:	Viscosity (cps)	Quantity (GPM)	Delivery head (FT)
L	1.6	400	17 (5.8)	39
R	1.6	400	21 (5.8)	26

Max. temperature of medium 122 °F

Specified values are maximum values determined with water at 68 °F, measured directly at the pressure joint. Viscosity determined with oil. When using a nozzle the delivery rate is reduced to approximate values (information in parentheses).



Pump Set B2 Battery

for thin-bodied fluids



For emptying canisters and drums	Set B2 Battery PP 32-R SL			Set B2 Battery PP 32-L SL			Set B2 Battery PP 32-R SL with flow meter TR3-PP	Set B2 Battery PP 32-L SL with flow meter TR3-PP
Motor B2 Battery	✓			✓			✓	✓
Flow meter TR3-PP	-			-			✓	✓
Pump tube PP 32-L SL	-			✓			-	✓
Pump tube PP 32-R SL	✓			-			✓	-
59" PVC hose 3/4"	✓			✓			✓	✓
Hose clamps	✓			✓			✓	✓
Lutz nozzle	✓			✓			✓	✓
Immersion depths	19"	27"	39"	19"	27"	39"	39"	39"
Order No.	0207-060	0207-061	0207-062	0207-065	0207-066	0207-067	0207-063	0207-068
Battery 21.6 V						0332-026		
Battery charger						0335-335		

Lutz Pump Sets

Pump Set B2 Battery (polyvinylidene flouride)

For concentrated acids and alkalis

such as chloric acid, chromic acid,
sulphuric acid, nitric acid, hydrofluoric acid
and sodium hypochlorite.

For transferring small quantities from canisters
and drums.

• Motor B2 Battery

260 watt/0.35 HP internally ventilated

Spec. gravity:	Viscosity (cps)	Quantity (GPM)	Delivery head (FT)
1.6	400	21 (12)	26

Max. temperature of medium 194 °F

Specified values are maximum values determined with water at 68 °F;
measured directly at the pressure joint. Viscosity determined with oil.
When using a nozzle the delivery rate is reduced to approximate values
(information in parentheses).

Pump Set B2 Battery

for acids and alkalis



For emptying canisters and drums

Set B2 Battery PVDF 32-R SL

Set B2 Battery PVDF 32-R SL with flow meter TR3-PVDF

Motor B2 Battery	✓	✓
Flow meter TR3-PVDF	–	✓
Pump tube PVDF 32-R SL	✓	✓
59" special chemical hose 3/4"	✓	✓
Hose connection	✓	✓
Nozzle PVDF	✓	✓
Immersion depths	19" 27" 39"	39"
Order No.	0207-080 0207-081 0207-082	0207-083
Battery 21.6 V		0332-026
Battery charger		0335-335

Lightweight and powerful

Pump Set B2 Battery (stainless steel)

For thin-bodied fluids

such as oil-based lubricants, cleaner solvent and plasticizer.

For transferring small quantities from canisters and drums.

• Motor B2 Battery

260 watt/0.35 HP internally ventilated

Spec. gravity:	Viscosity (cps)	Quantity (GPM)	Delivery head (FT)
1.6	400	21 (12)	26

Max. temperature of medium 194 °F

Specified values are maximum values determined with water at 68 °F, measured directly at the pressure joint. Viscosity determined with oil. When using a nozzle the delivery rate is reduced to approximate values (information in the bracket).



Pump Set B2 Battery

for thin-bodied fluids



For emptying canisters and drums

Set B2 Battery SS 28-R SL

Motor B2 Battery		✓	
Pump tube SS 28-R SL		✓	
59" universal chemical hose 3/4"		✓	
Hose connection		✓	
Nozzle stainless steel		✓	
Immersion depths	19"	27"	39"
Order No.	0207-050	0207-051	0207-052
Battery 21.6 V		0332-026	
Battery charger		0335-335	

Lutz Drum and Container Pumps

Lutz B1/B2 Battery (polypropylene, PVDF or stainless steel)

Productdetail		B1 Battery (motor and pump tube)		PP-SL					
	Material	Pump tube		PP					
		Impeller		PP					
	Type of impeller			L					
	Category 1 / 2 (according to ATEX)			no					
	Immersion tube diameter	max. inches		0.98					
	Hose connection	Nominal diameter		0.75					
		inches		G 1					
		Outer thread							
	Temperature of medium	max. °F		32 up to 104					
	Flow rate*	up to GPM		5.3					
	Delivery head*	up to FT		20					
	Viscosity**	up to cps		200					
	Spec. gravity	up to		3.3					
	Weight (lbs)	motor + pump tube		1.0					
Power	watt/HP		70/0.094						
Voltage	volts		10.8						
Length: 19"	Order No.		0207-112						
Length: 27"	Order No.		0207-113						
Length: 39"	Order No.		0207-114						
* determined with water at 68 °F ** determined with oil Special lengths on request. Will be delivered without battery and battery charger.									
Suitable battery									
Order No.	0332-027	Voltage:	10.8 V	capacity:	1.5 Ah, Li-Ion battery				
Battery charger									
Order No.	0335-336	Input:	100-240 V, 50/60 Hz						
B2 Battery (motor and pump tube)		PP-SL		PP-SL		PVDF-SL		SS-SL	
	Material	Pump tube	PP	PP	PVDF	316 Ti			
		Impeller	PP	PP	ETFE	ETFE			
	Type of impeller		R	L	R	R			
	Category 1 / 2 (according to ATEX)		no	no	no	no			
	Immersion tube diameter	max. inches	1.26	1.26	1.26	1.1			
	Hose connection	Nominal diameter	19	19	19	19			
		inches	G 1	G 1	G 1	G 1			
		Outer thread							
	Temperature of medium	max. °F	5 up to 122	5 up to 122	5 up to 194	5 up to 194			
	Flow rate*	up to GPM	21	17	21	21			
	Delivery head*	up to FT	26	39	26	26			
	Viscosity**	up to cps	400	400	400	400			
	Spec. gravity	up to	1.6	1.6	1.6	1.6			
	Weight (lbs)	motor + pump tube	3.3	3.3	3.7	4.6			
Power	watt/HP	260/0.35	260/0.35	260/0.35	260/0.35				
Voltage	volts	21.6	21.6	21.6	21.6				
Length: 19"	Order No.	0207-100	0207-103	0207-109	0207-106				
Length: 27"	Order No.	0207-101	0207-104	0207-110	0207-107				
Length: 39"	Order No.	0207-102	0207-105	0207-111	0207-108				
* determined with water at 68 °F ** determined with oil Special lengths on request. Will be delivered without battery and battery charger.									
Suitable battery									
Order No.	0332-026	Voltage:	21.6 V	capacity:	4 Ah, Li-Ion battery				
Battery charger									
Order No.	0335-335	Input:	100-240 V, 50/60 Hz						

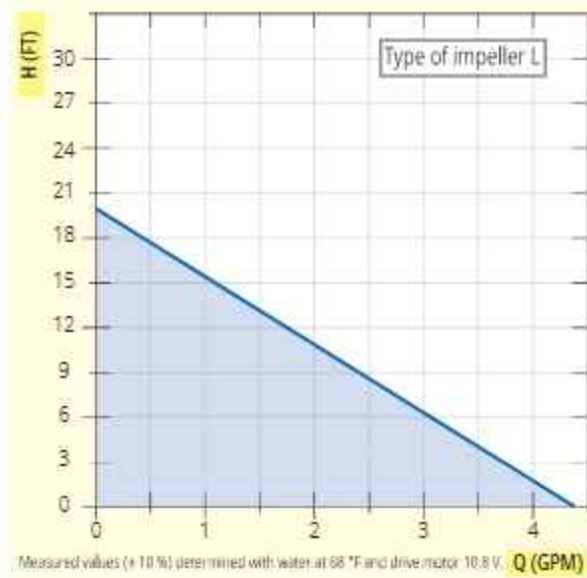
Drum Pump Lutz B1/B2 Battery

Lightweight and powerful

Materials

Version:	PP-SL	PVDF-SL	SS-SL
Housing:	PP/PVDF	PVDF	Stainless steel (316 Ti)
Impeller:	PP	ETFE	ETFE
Seals:	none	none	none
Mechanical seal:	none	none	none
Bearing:	ETFE/PTEE	ETFE/PTEE	ETFE/PTEE
Drive shaft:	Hastelloy C	Hastelloy C	Stainless steel (316 Ti)

Lutz B1 Battery



Lutz B2 Battery

