

C 50 DC1 – Two wheel battery sprayer

For professionals from professionals: Powerful (battery) performance for demanding situations – with CAS power

**6 bar**

Li-Ion 18V



Electronic

**1**

Two wheel battery sprayer – with CAS system

Electronically pressure controlled, powerful, quiet and environmentally friendly...

The well-proven concept of controlling the pressure by electronics has been complemented by the cross-manufacturer battery pack system. The quick-change system of the CAS battery pack enables uninterrupted working. The electronic control allows to preset the pressure and keeps it at a constant level. The electronic also monitors important components such as the pump and battery pack. A constant pressure results in a constant spray pattern. This maximises effectiveness while reducing the amount of solution used. Depending on the pressure and the accessories used, the battery pack lasts up to 22 hours. During this time, up to 620 liters can be applied.

In addition, the C 50 is equipped with a switchable mixing function. A chemical resistant one Diaphragm pump and stainless steel fittings allow the application of diluted acids and alkalis for cleaning and disinfection.



Stainless steel fittings
with flat jet nozzle TPU 8002 PP

Real work comfort

- Zero emission, quiet and environmentally friendly
- Robust wheels
- 10 m hose, large application radius
- Quick-charger
- Quiver for inserting accessories
- Switchable mixing function



One battery, many solutions



- CAS* – Unlimited combinations
- Cross-manufacturer compatibility for over 300 devices
- Different battery packs obtainable (up to 10 Ah)
- Charge level is displayed by LED lights

* CAS (Cordless Alliance System) is a cross-manufacturer battery pack system of leading power tool brands

Unique Birchmeier features

- Constant spray pattern
- Large filling opening with strainer
- Top quality output assembly
- Robust pump
- Separate drainage opening
- A wide range of accessories



Electronically controlled

- Intelligent pressure control
- Operating pressure adjustable (1 to 6 bar)
- Depending on the pressure and the accessories used, the battery pack lasts from 3 to 22 hours
- Energy efficient
- Protective setup for pump and battery pack
- Flow rate of up to 4.9 l/min depending on nozzle configuration



Foam nozzle
Art.No. 11688701



Flat jet nozzles
XR 8001 VS (orange)
Art.No. 11612801-SB



Flat jet nozzles
XR 8002 VS (green)
Art.No. 11612802-SB



Flat jet nozzles
XR 8003 VS (yellow)
Art.No. 11612803-SB



Flat jet nozzles
XR 8004 VS (blue)
Art.No. 11612804-SB



Flat jet nozzles
XR 8005 VS (red)
Art.No. 11612805-SB



Flat jet nozzles
XR 8006 VS (brown)
Art.No. 11612806-SB



Flat jet nozzles
XR 8007 VS (gray)
Art.No. 11612807-SB



Flat jet nozzles
XR 8008 VS (white)
Art.No. 11612808-SB



Spray tube 1 m straight, stainless steel
Art.No. 11669802



AS 1200 AC1
Art.No. 12129001

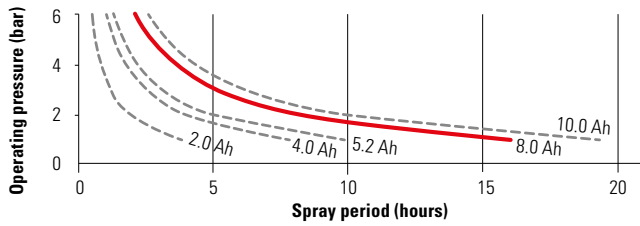


Further information

Accessories

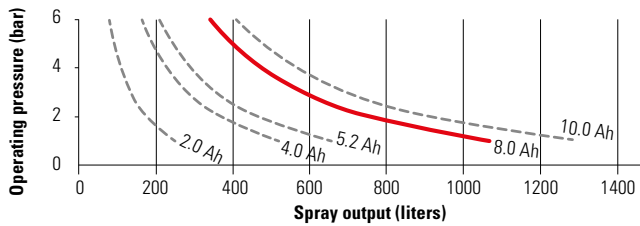
More accessories: www.birchmeier.com

Spray period* C 50 DC1



Spray period (hours)

Spray output* C 50 DC1



Spray output (liters)

* per battery pack charging

Technical Specifications C 50 DC1

Tank volume	50 litres
Pressure range	1 – 6 bar
Battery pack (with scope of delivery C 50 PC3)	18 V LiHD / 8.0 Ah
Battery pack charging time	< 160 min
Nozzle type	Flat jet nozzle TPU 8002 PP
Nozzle material	PP
Flow rate (at 1 – 6 bar)	0.46 – 1.12 l/min
Gaskets	FKM
Fitting assembly	Screw fitting
Pump	Diaphragm 12 V DC
Pump performance (0 bar)	6.0 l/min max.
Temperature (min./max.)	5 °C / 30 °C
Dimensions (H x W x L)	480 x 575 x 1000 mm
Empty weight with battery pack	29.5 kg
Sound pressure level	< 70 dB (A)

C 50 DC1 (with battery pack 8.0 Ah/charger)	Art.No. 12150701
Battery pack 18 V Li-Power / 2.0 Ah	Art.No. 12070301
Battery pack 18 V Li-Power / 4.0 Ah	Art.No. 12071401
Battery pack 18 V Li-Power / 5.2 Ah	Art.No. 12072501
Battery pack 18 V LiHD / 8.0 Ah	Art.No. 12073601
Battery pack 18 V LiHD / 10.0 Ah	Art.No. 12100701
Quick-charger ASC 55 (230 V)	Art.No. 12070101

Nozzle performance

Pressure (bar)	XR 8001 (l/min)	XR 80015 (l/min)	XR/TPU 8002 (l/min)	XR 8003 (l/min)	XR 8004 (l/min)	XR 8005 (l/min)	XR 8006 (l/min)	XR 8008 (l/min)	NF 125 (l/min)
0.5	0.16	0.24	0.33	0.48	0.64	0.80	0.97	1.29	0.05
1.0	0.23	0.34	0.46	0.68	0.91	1.14	1.37	1.82	0.06
2.0	0.32	0.48	0.65	0.96	1.29	1.61	1.94	2.58	0.09
3.0	0.39	0.59	0.79	1.18	1.58	1.97	2.37	3.16	0.11
4.0	0.46	0.68	0.91	1.36	1.82	2.28	2.74	3.65	0.13
5.0	0.51	0.76	1.02	1.53	2.04	2.55	3.06	4.08	0.14
6.0	0.56	0.84	1.12	1.67	2.23	2.79	3.35	4.47	0.15

Birchmeier backpack sprayers



	REB 15 DC1 Art.No. 12095001	REC 15 DC1 Art.No. 12094601	AS 1200 AC1 Art.No. 12129001
Tank volume	15 liters	15 liters	–
Pressure range	1 – 3 bar	0.5 – 6 bar	0.5 – 10 bar
Spray period per battery pack charging	4.3 h (at 1.5 bar)	12 h (at 1.5 bar)	25 min. at max. 6 h (Stufe 1 – 5)
Spray output per battery pack charging	93 liters (at 1.5 bar)	270 liters (at 1.5 bar)	625 liters (at 1.5 bar)
Stress class*	2	1	1

* 1 = Very heavy duty 2 = Heavy duty 3 = Standard duty 4 = Light duty

Your Birchmeier distributor



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