BIO-CIRCLE® GT Maxi

NEW

The sturdy one
in a new design

In a modern style the BIO-CIRCLE GT Maxi captivates with its sturdy design and flexibility.

The BIO-CIRCLE GT Maxi facilitates easy and safe parts cleaning. The parts cleaning device meets highest requirements on ease of use, reliability and suitability for daily use.

Water-based cleaning with natural microorganisms, without solvents or cold cleaners. The employee and the environment are protected from highly volatile vapours. Oil biodegradation guarantees a long service life. No HAZMAT, no hazardous goods, no fire hazard. BIO-CIRCLE – a long-term solution for convincing parts cleaning on a natural basis.

- **New ergonomic design and increased stability**
- **Optimized depth of the basin ensures good splash protection**
- **Equipped with a flexible articulated hose with flat nozzle and cleaning brush**
- **Filter system in the basin drain (coarse-, fine- and bag filter plus magnet)**
- **Easy to use thanks to the optimized control box**
- **Easy transport by means of a lift truck or a rail system with castors (optional)**
- **The perfect match for the VOC-free BIO-CIRCLE Liquid**

Tip:
Do you like to test BIO-CIRCLE?
Ask for a demonstration!
For further information please call us on
+49 5241 9443-0.

Technical data	
Work surface (W x D)	approx. 810 x 520 mm
Payload	250 kg
Working height	1030/860 mm
Operating temperature	15 – 48 °C, factory-set at approx. 41 °C
Heating	approx. 650 W
Pump	40 W
Optimum filling quantity	100 litres
Material	LDPE
Empty weight	approx. 55 kg
Power supply	230 V, 50 Hz
Order number	**G60030**

Bio-Circle Surface Technology GmbH • BIO-CIRCLE GT Maxi fly01/2015 EN
Subject to technical alterations. Any liability for misprints excluded. All texts and illustrations contained herein are copyrighted.

BIO-CIRCLE Surface Technology GmbH
Berensweg 200
D-33334 Gütersloh

Telephone: +49 (0)5241 9443-0
Telefax: +49 (0)5241 9443-44
E-mail: service@bio-circle.de
www.bio-circle.de

NSF

VOC free!

BIO-CIRCLE® Liquid

natural

The BIO-CIRCLE devices benefit from the powers of Nature in order to provide for user-friendly, eco-friendly and economical parts washing. They clean without any solvents or cold cleaners, thus protecting the employee and the environment from highly volatile vapours. The pH-adjusted BIO-CIRCLE Liquid cleaning fluids dissolve processing oils, cutting coolants, anti-corrosion products, light greases and similar contaminations as well as particle contaminations from the parts. The easy-to-clean filter system separates coarse and fine contaminations, and the natural micro-organisms biodegrade the greases and oils, thus maintaining the cleaning performance.

simple

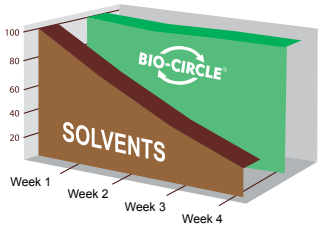
The BIO-CIRCLE Liquids are ready for use, which eliminates the risk of incorrect dilution and variations in quality, and the necessity of regular bath analyses. The water-based BIO-CIRCLE Liquids do not pit surfaces; all materials from plastics to steel can be cleaned.

profitable

The BIO-CIRCLE Liquids feature a bath lifetime that is up to four times as long as with cold cleaners. Even with a higher contamination input a constantly good cleaning result is achieved. BIO-CIRCLE Liquid means no hazard to humans and the environment, paired with high efficiency and cost effectiveness.

CLEANING CONSISTENCY

Cleaning performance (%)



Comparison between a conventional parts cleaner with cold cleaner and BIO-CIRCLE

	Parts cleaner with cold cleaner	BIO-CIRCLE BIO-CIRCLE L
What happens in case of increased pollution input?	Saturation of the rinsing solution Deterioration of cleaning performance	Results remain the same over the entire period ☺
What contaminations can be removed? Organic, unpolar (greases, oils) Inorganic, polar (salts) Inorganic, unpolar (chippings, dust)	Excellent Modest Modest	Excellent Excellent Good ☺
What materials can be cleaned? Stainless steel Steel Aluminium Non-ferrous metals	Excellent Excellent Excellent Excellent	Excellent Excellent Excellent Excellent ☺
Occupational safety and health		

Impairments to health (Source: Gefahrstoffe Kaltreiniger, M043, 02/2007, BG Chemie))	Parts cleaner with cold cleaner	BIO-CIRCLE BIO-CIRCLE L
Nerve damage	Toluene, xylene, trichloroethylene, n-hexane, petroleum ethers (hexanal isomers, pentane, heptane, octane)	None ☺
Skin damage	Yes	None ☺
Liver damage	Methylene chloride, trichloroethylene, toluene, xylene, methanol, ethanol	None ☺
Kidney damage	Trichloroethylene, petroleum, fuel mixtures, hexane, heptane, toluene, xylene, alcohols	None ☺
Blood cell damage	Toluene, benzene	None ☺
Mutagenic and fecundity-endangering effects	Organic solvents	None ☺
Carcinogenic effects	Benzene	None ☺

The new BIO-CIRCLE Liquid range

- **BIO-CIRCLE L**
- **BIO-CIRCLE L Blue**
- **BIO-CIRCLE L Ultra**
- **BIO-CIRCLE L Aluminium**

Bio-Circle Surface Technology GmbH • BIO-CIRCLE GT Maxi fly01/2015 EN
Subject to technical alterations. Any liability for misprints excluded. All texts and illustrations contained herein are copyrighted.

* The used micro-organism are non-pathogen bacteria of group 1 acc. to Directive 2000/54/EC. (**Group 1** means that it is unlikely to cause human disease).

BIO-CIRCLE Surface Technology GmbH Berensweg 200 D-33334 Gütersloh

Telephone: +49 (0)5241 9443-0
Telefax: +49 (0)5241 9443-44
E-mail: service@bio-circle.de
www.bio-circle.de