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Thank you for having purchased the Belt Skimmer Type 100-B or 200-B. It will be in future a great help for you in removing undesired tramp and surface oils.

It is therefore important that you carefully read the following instructions for assembling and operating the Skimmer, before starting with the installation.

Unpack the Belt Skimmer with the loose belt in the ordered length as well as the power supply unit and the counter roller.

If an opening is not available in the sump, then carve a hole in the top of it with a size of approx. 50 x 50.

Place the Skimmer with the permanent magnet at the location where you intend to fit it. Please make sure that the hanging counter roller is covered by the liquid of the sump, but without touching its bottom, and that the Skimmer's pipe is positioned horizontally. If there is no proper spot for the magnet stand, you can bent the bar (Type 200-B only is supplied with a flexible bar) in such a way that the device will reach the right angle.

Having found a suitable position, fit the belt on the drive roller on the top of the Skimmer. Care must be taken to ensure proper overlap (4) of the belt. The overlapping must run over the pipe scraper (see drawing). Seen from the front, the Skimmer is running **clockwise**. Then insert the counter roller into the belt so that the belt is provided with tension. You may fit a flexible hose (inner diameter 25 mm) at the end of the discharge pipe to enable the separated oil to flow into a collecting tank.

Plug the Skimmer into a power socket (230 VAC) using the provided power supply unit. Now the Skimmer begins to separate the oil present on the surface. The function of the Skimmer is best guaranteed when the liquid in the sump is standing still.

The Belt Skimmers Type 100-B and 200-B are designed for long-time operation, but for extending the lifetime of the belts they should be switched off when no liquid is contained in the sump. In most cases, it is sufficient to allow the Skimmer to run 1 or 2 hours at night, in order to keep the bath free from surface oil. You can insert, for example, a timer between power supply unit and socket. If continuous duty is avoided, the service life of motor and transmission of the Skimmer will be extended.

After 2.000 running hours or half-yearly, check the belt for wear and tear. If the belt is brittle, porous or frayed at the edges, you must promptly change it. See enclosed spare parts list for the correct order number.

We hope that you will be satisfied with your new Skimmer. If you require further advice, do not hesitate to contact our distributor from whom you purchased the device.

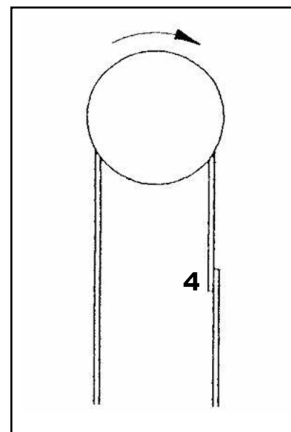
Type 100-B



Type 200-B (with bar)




Overlap region



Example of holder



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Technical features

Belt width	30 mm
Power supply	230/24 VAC · 50 Hz · 3,5 VA
Capacity	max. 3 litres of oil / hour
Max. bath temperature	40 °C
Outlet pipe	Ø 25 mm (outside), 23 mm (inside)

Spare part	Type 100-B Order number	Type 200-B Order number
Power supply unit (1)	68.Z.100-B.001	68.Z.200-B.001
Counter roller (2)	68.Z.100-B.002	68.Z.200-B.002
Magnet (4)	68.Z.100-B.004	68.Z.200-B.004
Skimmer belt (3)	Belt width 30 mm	Belt width 30 mm
400 mm	68.30.0400	68.30.0401
600 mm	68.30.0600	68.30.0601
800 mm	68.30.0800	68.30.0801
1000 mm	68.30.1000	68.30.1001
1200 mm	68.30.1200	68.30.1201
1400 mm	68.30.1400	68.30.1401
1600 mm	68.30.1600	68.30.1601
1800 mm	68.30.1800	68.30.1801
2000 mm	68.30.2000	68.30.2001



Declaration of conformity

R.A.W. Handel- und Beratungs GmbH declares that following product:

Belt Skimmer Type 100-B and 200-B

to which this declaration relates is in conformity with following standards:

EN 292-1:91, EN 292-2:91 and EN 60742:88 in accordance with the provisions of the directives **89/392/EEC and 73/23/EEC**.



Warning

Caution: Never use our Belt Skimmers in explosive environments!