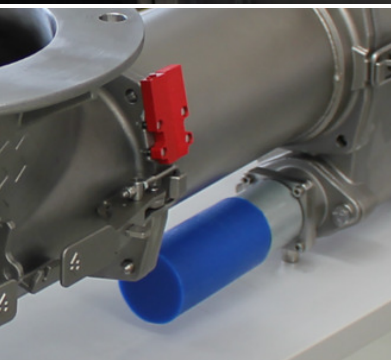
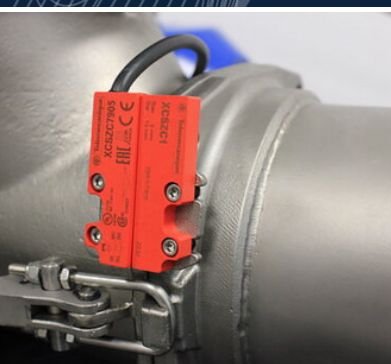


MICRODEX™

Extracting, Macro and Micro-Feeding
for Food & Chemicals Processing



EC 1935/2004-certified



CERTIFIED

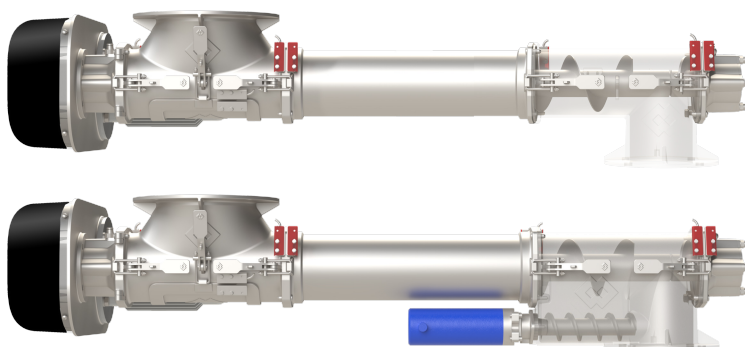
PRECISION IN MOTION: EXTRACTING, MACRO & MICRO-FEEDING

Thanks to its modular design, MICRODEX™ integrates seamlessly into a wide range of production environments, while minimising residual material compared to conventional screw feeders. Its compact footprint allows for easy installation and intuitive operation, while smooth, crevice-free internal surfaces ensure fast, thorough cleaning – ideal even for the most demanding applications, such as infant formula production.

For maximum flexibility, MICRODEX™ can be equipped with an additional micro-feeder at the discharge point. This enables users to efficiently handle high production volumes as well as precise, repeatable micro-feeding. This dual capability boosts productivity, reduces waste, and enhances process control.

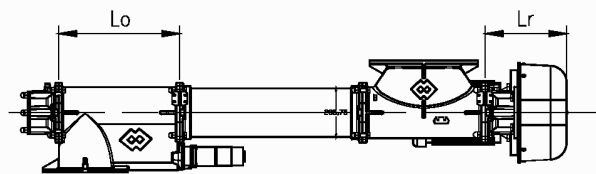
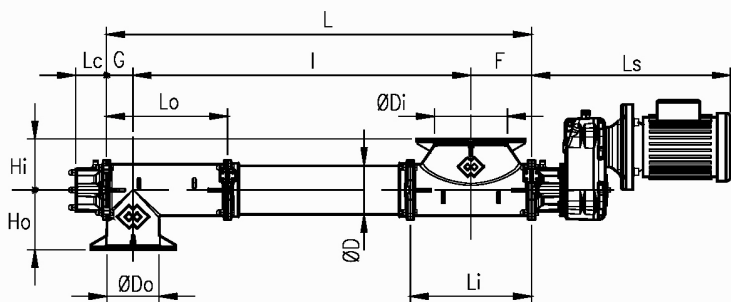
An optional oil-free gear reducer ensures the highest hygiene standards – perfect for sensitive processes where the risk of contamination must be kept to an absolute minimum.

MICRODEX™ complies with EC 1935/2004 food safety standards and is ATEX-certified for use in explosive atmospheres – a future-proof solution for modern production facilities.



MICRODEX™ without and with micro-feed screw

Overall Dimensions



TYPE	D	F	Di	Li	Hi	G	Do	Lo	Ho	Lc	Ls	Lr
75	89	133	139	265	100	50	89	265	115	73	488	192
100	114	143	168	285	120	63	114	285	140			
125	139	180	219	360	150	78	139	360	160			
150	168	230	273	460		92	168	460	180		558	

Dimensions in mm

Volumetric Feed Rates

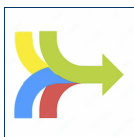
Extracting and Macro-Feeding [m³/h]

[illegible]

Micro-Feeding [l/min]

[illegible]

Benefits



4 functions: extracting, conveying, macro-feeding and micro-feeding



Minimised material residue



Ideal for carousel plant layouts and overlapping coaxial drains, enabled by through-drain modules



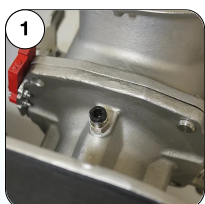
Quick and easy dismantling for rapid cleaning and quick restart of the next production cycle



Technical support and worldwide availability of spare parts thanks to global WAMGROUP® subsidiary network

Technical Features

- Material: 304L SS
- Oil-free drive unit
- Macro-feed rate: 0.5 ~ 22 m³/h
- Micro-feed rate: 2.0 ~ 2.4 l/min
- Flange sealing systems with gaskets in compliance with EHEDG requirements and DIN 11864-1 standards
- Danger zones protected by safety-coded non-contact microswitches
- Lever hooks with safety trigger and provision for padlocking
-  ATEX 22/21/20 internal version available
-  Food-grade components compliant with EC 1935/2004 standards



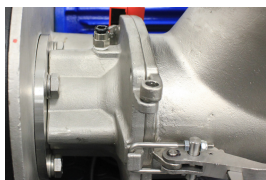
Air/gas-purged shaft seal



2 Oil-free drive unit

3 Micro-feed screw

Options & Accessories



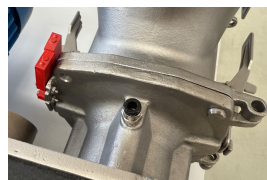
Hinged folding flange opening



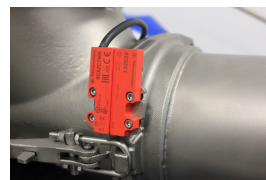
Additional inspection hatch above outlet



Padlockable quick release hooks



Purged labyrinth seals



Security micro-switch

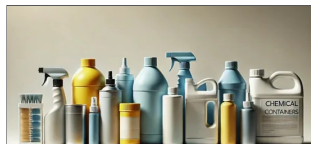
Industries



Food Processing



Plastics Processing



Chemicals Processing



WAM®



MAP®



TOREX®



EXTRAC®



WAM® AIR



WAM® VALVES



SILOFAB®



SAVECO®



WAM®



UNI EN ISO 9001
Certified Company

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