

## High-pressure Chopper Pump for dry installation

Operating at high pressure makes this pump ideally suited for long distance pumping.

Landia's unique knife system eliminates clogging risks and ensures comminution of coarse solid parts making the pump especially suited for pumping heavily contaminated liquids with a high dry matter content such as domestic and industrial waste water, sludge and slurry, pulp, fish offal and other organic by-products.

Numerous application possibilities in wastewater treatment, food and paper industry, biogas plants and agriculture.

### Landia high pressure-pump type MPTK-I H



- Specially designed impeller for difficult mediums
- Guide traces in the pump front and back plate ensure no stringy material will be "caught" in the pump
- Horizontal or vertical mounting
- Motors ranging from 2.2 to 18.5 kW, class IP 55
- Chopping systems adapted to liquid characteristics and process requirements
- Available with impeller adapted to constant head
- Available with explosion proof motor

**Quality in every detail**

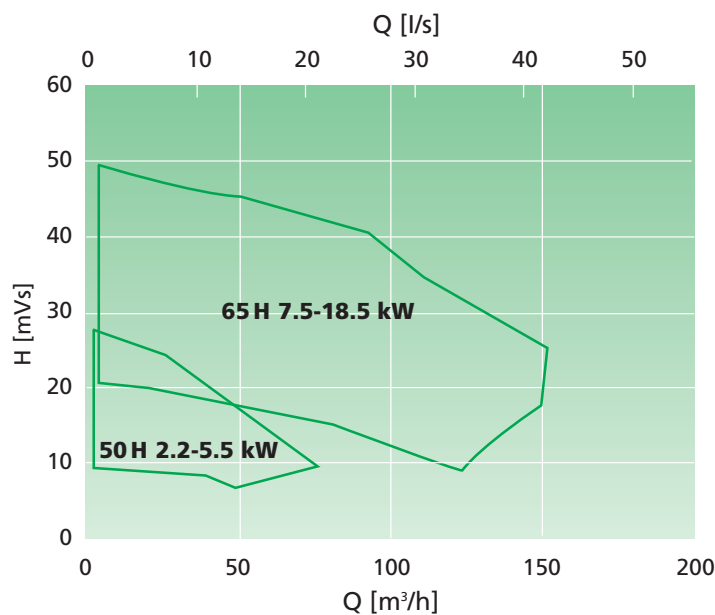
# MPTK-I H high-pressure

## Performance and data:

| Article no: | Type        | Motor size kW | Max. current absorbed (Ampere) | Dimensions H x W x L (mm) | Weight (kg) |
|-------------|-------------|---------------|--------------------------------|---------------------------|-------------|
| 2512102     | MPTK-I 50 H | 2.2           | 4.6                            | 290 x 249 x 451           | 36          |
| 2512103     | MPTK-I 50 H | 3.0           | 6.2                            | 290 x 249 x 464           | 41          |
| 2512104     | MPTK-I 50 H | 4.0           | 8.4                            | 290 x 249 x 511           | 53          |
| 2512105     | MPTK-I 50 H | 5.5           | 11.0                           | 310 x 263 x 579           | 63          |
| 2512707     | MPTK-I 65 H | 7.5           | 14.5                           | 485 x 371 x 605           | 80          |
| 2512711     | MPTK-I 65 H | 11.0          | 20.0                           | 545 x 371 x 650           | 105         |
| 2512715     | MPTK-I 65 H | 15.0          | 27.0                           | 545 x 371 x 655           | 140         |
| 2512718     | MPTK-I 65 H | 18.5          | 32.0                           | 545 x 371 x 695           | 155         |

## Motor:

Motor: 3x380-415V 50Hz, 3000 rpm.  
Different motor specifications available.



## Materials:

Pump, motor casing and impeller: Cast iron Aisi A48-40B      Knife system: Hardened steel

## For correct sizing the following information is required:

- Operating conditions • Performance requirement • Type of effluent • Effluent characteristics
- Dry matter content • Temperature • Pipe diameter • Pipe length • Total manometric head

We reserve the right to make technical alterations.  
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