

Pumps for mining.

RITZ pumps for water drainage in surface and underground mining.

- High heads
- Large capacities
- High operational reliability
- Maintenance-free solutions
- High-quality material designs
- Long service life
- High efficiency
- Flexible adaptation to changing pumping conditions with **MS-T – Modular Shaft Technology (more on page 17)**
- Solutions for the most extreme operating conditions with **HDM – Heavy Duty Mining (more on page 19)**



The RITZ product range for mining – an overview.

	SU	HDM	HP
Type	Single-suction submersible motor pumps	Double-suction submersible motor pumps	High-pressure pumps
Design	56 62 63 64 66	61 67 68	45 46 49 55
Q	up to 500 m ³ /h	up to 2,000 m ³ /h	up to 800 m ³ /h
H	up to 700 m	up to 1,500 m	up to 400 m
p	up to 100 bar	up to 150 bar	up to 40 bar
t	up to +75 °C	up to +75 °C	up to +140 °C
n	up to 3600 rpm	up to 3600 rpm	up to 3600 rpm
Materials	grey cast iron, bronze, aluminium bronze, stainless steel	ductile iron, aluminium bronze, duplex stainless steel	grey cast iron, bronze, aluminium bronze, stainless steel
* An ideal drive for the SUs and HDMs are the SM submersible motors. More information on these is available on page 20.			

Pumps for water supply **6 – 7** | Pumps for mining **8 – 9** | Pumps for industry **10 – 11** | Pumps for sewage **12 – 13** | ES. End suction pumps **14** | ASC. Axial split case pumps **15** | HP. High-pressure pumps **15** | SU. Submersible motor pumps **16** | HDM. Double-suction submersible motor pumps **18** | SM. Submersible motors **20** | SD. Sewage dry pumps **22** | SW. Sewage wet pumps **23** | MS-T. Modular Shaft Technology **17** | HDM. Heavy Duty Mining **19** | MC-T. Motor Cooling Technology **21** | MP-T. Motor Power Technology **21** | Types of installation **24 – 25** | Impellers **26 – 27** | WinPump® 2006 **28** | Additional product information **29**