Wetkret 4 is ideal for underground mining thanks to its robust and compact chassis, reduced turning radii, and crab-mode that allow a major range of movements.

The Putzmeister Wetkret 4 pump guarantees a homogeneous shotcrete application, to ensure the required quality and layer thickness, as well as reducing rebound. Its concrete flow of 20 m³/h allows for increased productivity. The spraying arm is adapted to your galleries requirements with a maximum vertical and horizontal reach of 8.5 m.

Key advantages
- Safe for application and transfer
- Heavy-duty equipment for tough operating conditions
- Optimal operation
- Easy to maintain

Wetkret 4 also comes equipped with automatic synchronization of the additive dosage with the concrete flow, ICVD hydrostatic transmission without gear to change, an integrated air compressor and optimal weight distribution.

Visibility when reversing and in adverse conditions
- Rear view camera with infrared and monitor in cabin. Up to four more cameras can be included. LED spotlights (80 W).

Safe and ergonomic driving
- Driving seat with presence sensor, seat belt and built-in suspension.

Stability on any type of terrain
- The hydraulically operated parts at the front part of the equipment allow its stability on any terrain, however irregular, guaranteeing a safer operation.

Emergency brake system
- Wetkret 4 has an emergency, software-controlled brake system, automatically activated in dangerous situations.

Putzmeister concrete pump: 20 m³/h
Hydraulic cable reel with 50 or 150 m of cable
Integrated electric compressor (optional)
Robust and compact chassis ideal for underground mining
Heavy-duty axles and 4-wheels drive and steering

Shotcrete in underground mining
Constant safety
Heavy-duty equipment

Optimal transmission
The continuously variable hydrostatic transmission system with automatic gears (ICVD) improves:

- Climbing ability
- Traveling speed
- Start acceleration
- Fuel consumption

Analysis of distribution of weights, loads and torque
For a suitable balance to improve the operating life of the equipment.

Reinforced spraying arm
- Double rotation cylinder to reinforce the rotation area for bends and torques
- Suspension system for transfer, guaranteeing a long service life for all joints

Optimal operation

Display inside cabin
With information on the main operation, safety and maintenance parameters.

Automatic additive dosing
The amount of additive is adjusted to the pump flow from the same control panel or remote control, avoiding excess dosing and saving unnecessary costs.

Remote control
Dual radio remote control (Bluetooth) and cable (20 m).
All internal components have been specially treated with resins to protect them from humidity and high temperatures.

Heavy-duty axles tested in the Mixkret range, designed to withstand more than 3,000 kg of additional load.

Powerful motorization
- Available according to your local standards
- With ACERT technology for:
  - Better emissions treatment
  - Better consumption efficiency
  - Greater injection performance

Concrete pump with VHS system and S-tube
Simple and robust pumping system designed by Putzmeister - the concrete pump manufacturer with 60 years of experience. Decreases pulsation for a perfect finish.
Easy maintenance

Design for durability
- 80% hydraulic circuit in rigid piping
- Metal covers for protection of all jib features prone to being damaged by rebound

Better access to components
- Chassis designed to enable access to all components from ground level
- Removable side and top access doors
- Cabin and electrical panel components designed by plug & play configuration
- Single location for Minimess sockets for quick hydraulic checks
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