



HIRSCHMANN

A **BELDEN** BRAND

GDM Valve Connectors in Road Construction.

Machine Building

GDM Valve Connectors in Plants
for Road Construction

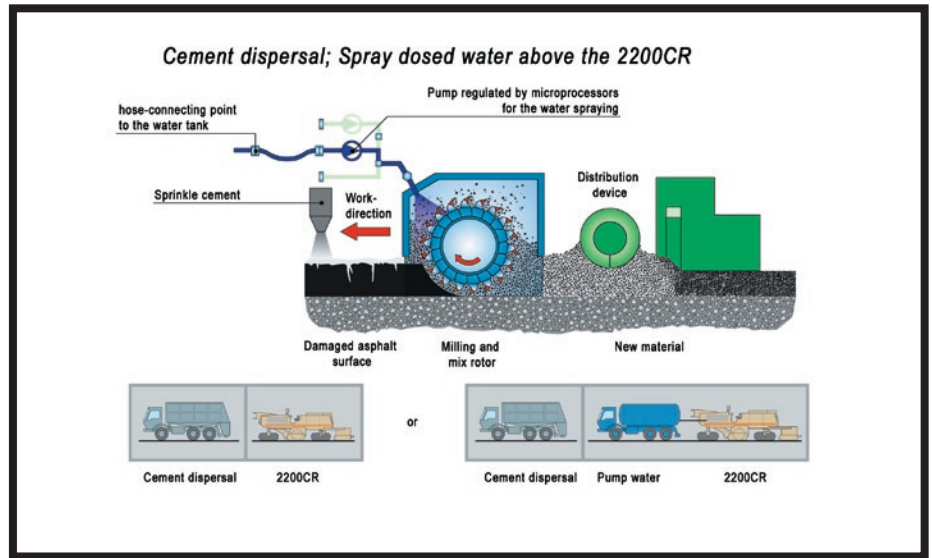


The core business of Wirtgen GmbH is the development and manufacturing of machines and equipment for road construction. In this segment of the construction sector, Wirtgen offers a unique depth of solid expertise. The product spectrum ranges from cold milling

machines, soil stabilizers and cold recyclers, hot recyclers, slipform pavers through to surface miners in mining and surface mining.



Hirschmann GDM Valve Connectors



GSA-Appliance Connector



GDM-Valve Connectors

Project details

The cold recycler 2200 CR from Wirtgen is the ideal device for all construction projects requiring a simple and cost-effective start in cold recycling technology. The machine is a high performance cold milling machine for the removal of asphalt layers of up to 35 cm and can be used as a cold recycler without requiring alteration.

Project parameters

The heart of the cold recycler is a milling cylinder, which mills out the layers of tarmac in a robust milling and mixing room and mixes them with bonding agents. The diverse range of possibilities for the addition of different bonding agents was taken into account. Depending on which bonding agent is used, different injection systems are available. The picture on the previous page shows one possible procedure as an example (processing of the road through water and cement). The procedure specified in a single work step (instead of milling out, transportation, return, installation) saves time, energy, resources and last but not least spares the nerves of the driver as the traffic hindrances are also significantly reduced.

Requirements

- Vibration stability
- Resistance against dirt, moisture and temperature influences
- Hirschmann provides Wirtgen with simple assembly and reliability e.g. for the cold recycler 2200 CR standard types of the high-voltage

protected GDML and the connectors of the GSA series. The Wirtgen company places particular importance on the strength and security against failure provided by Hirschmann connectors under the harshest conditions.

Solution

Hirschmann supplies Wirtgen with standard models of the high voltage protected GDML and the connectors of the GSA series (e.g. for the cold recycler 2200 CR). Wirtgen places particular importance on the strength and security against failure offered by the Hirschmann connectors under the harshest working conditions.

Why Hirschmann?

Reasons for deciding in favor of Hirschmann valve connectors:

- High flexibility with regard to cable lengths
- Uncompromising safety
- Available in Types A, B, C
- For voltages of up to 400 V (Type A) / 250 V (Type B, C)
- Easy assembly thanks to the large cable connection space
- Freely combinable or available with sprayed plug
- Protection class up to IP 67