

# Application of Strabaphalt® by using a Mixing Pump

## "PFT G 5 Keeps Things Moving" in the Streets of Vechta

Peter Schock of HELMUS Strassen-Bau-Gesellschaft mbH & Co. KG, a street construction company based in Vechta (North Germany), turned to his local PFT partner trader, Schreiber Baumaschinen GmbH, Bremen, for help with

Schreiber, recommended the PFT G 5 continuous mixing pump for this task. "This machine can pump almost everything," promised Mr. Thaler. "Thanks to the easy pump change procedure, the PFT G 5 can be used to apply any type of mortar. So the application of the specially modified

and a suitable PFT D 6-3 ROTOR. For the application of the material, Schreiber added a PFT RONDO pouring hose as an accessory. After an introduction to the operation of the machine and the safety precautions specified in the accident prevention rules of the employers' liability insurance association, HELMUS could really get started. The dry material delivered in bags was fed to the material container with the aid of a bag opener. By the oblique star wheel, the mortar was put in the mixing chamber, where it was mixed with water. Once the optimal water supply was adjusted, the PFT G 5 ensured a continuous material flow. The PFT RONDO pouring hose roughly distributed the mortar over the street crossing, and two workmen of HELMUS just had to spread out the material with two large floating trowels, so that it was flushed in as thoroughly as possible. In this way, the Strabaphalt® mortar was quickly and efficiently applied to and flushed into the asphalt layer. The use of the practical PFT equipment



The continuous flow of material supplied by the PFT G 5 mixing pump was flushed in using two large floating trowels.

greatly facilitated the task of the workers of HELMUS at this construction site. They did not have to mix the mortar by hand, and the cleaning of the machine was child's play.

The PFT G 5 mixing pump ensured the trouble-free flow of the Strabaphalt® mortar.

a rather extraordinary problem. The municipal authorities of Vechta had charged HELMUS with the application of a surfacing that was both stable and flexible to a street crossing approx. 120 m<sup>2</sup> in area. This meant that a specially modified Strabaphalt® mortar, i.e. a special surfacing for heavy-duty traffic areas, had to be flushed into a layer of single-sized asphalt that had already been applied. Manfred Thaler, a representative of

Strabaphalt® mortar will not be a problem for this mixing pump."

Schreiber hired out a PFT G 5 equipped with a PFT TWISTER pump unit



With a PFT RONDO pouring hose, a special surfacing was applied to a street crossing in Vechta.

### Technical Data:

### PFT G 5 SUPER

Drive:	5.5 kW
Speed:	400 rpm
Power supply:	400 V three-phase current
Conveying capacity approx.*:	6–85 l/min
Conveying distance up to approx.*:	50 m
Operating pressure:	max. 30 bar
Hopper content:	110 l
Dimensions L/W/H:	1,150 x 650 x 1,520 mm
Total weight:	283 kg

\* Standard values, depending on mortar quality, consistency, pump type, conveying hose diameter and conveying height.