

The Interplay between an Old Building Material and State-of-the-Art Machine Technology

With appropriate equipment, the PFT G4 mixing pump overcame a height of 17 metres without any problems.



Spraying shell lime plaster, a traditional mortar based on an old formula – no problem for state-of-the-art machines made by PFT.



The residence of the nobleman Börries Freiherr von Hammerstein is one of the stately homes in and around Apelern (Lower Saxony). Not long ago, this 18th century building requires a complete façades with shell lime plaster was necessary. Schaumburger Werkstätten GmbH, a business based in Nienstädt, was charged with this job. The problem the staff of

Schaumburger GmbH had to solve was: How to most effectively and economically mix and pump a shell lime plaster up to 1,2 mm in grainsize, in order to treat a total area of almost 800 square meters? To make worse, a height of 17 metres had to be overcome. The solution to this problem was provided by PFT partner trader Kurt König, based in Hannover. Steffen Neumann, one of König's employees, recommended

the PFT G4, the world's best-selling continuous mixing pump, which mixes and pumps materials at the same time, as a problem-solver.

Equipped with a TWISTER D8–1.5 spiral pump, the PFT G4 reached a maximum capacity of more than 30 l/min. The PFT ROTOQUIRL remixer, working without a separate motor, mixed the shell lime plaster very well, intensively and always homogeneously.

Depending on the scaffold level, hose assemblies up to 40 metres in length were used at times.

The good handling properties and the great spraying performance of the PFT G4 enables Schaumburger to plaster all façades of the Hammerstein residence in only a few days.



Technical data:	PFT G4 with a PFT TWISTER D 8 – 1.5 spiral pump
Conveying capacity*:	up to 30 l/min
Conveying pressure*:	max. 15 bar
Conveying distance:	up to 50 m
Drive:	5.5 kW, 400 rpm
Current consumption:	11.0 A bei 400 V
Power supply:	400 V 3-phase current, 50 Hz
Water connection:	3/4" at a waterpressure of 2.5 bar
Dimensions L/W/H:	1,200/720/1,550 mm
Total weight:	approx. 250 kg

* depending on mortar quality/consistency and mortar hose diameter



Choose the original!