

Efficiency reserves for door frames

How the firm Handel-Bau-Consult became successful



Above: The task: casting the steel door frames.
Left: Construction of the centre for single mothers in Baabe on the isle of Rügen.

The point of private life is having a door to close behind you. Even guests in a rest home need their own private sphere. These are primarily distressed mothers who need to gather strength for the challenges of daily family life.

In the town of Baabe on the island of Rügen, a centre for single mothers is now being built. The firm Handel-Bau-Consult (H-B-C) from Plau in Mecklenburg was commissioned to provide the building with doors. For this task, H-B-C used their valuable experiences with PFT to create the logistics for frame installation.

The co-operation of experts from different firms was an exemplary first step: H-B-C was the executing firm, Quick-mix the manufacturer of the frame casting mortar and Stock Bauschienen the supplier and consultant for PFT machine technology at various sites in northern Germany.

"In the beginning, we used to do eight to ten frames a day with material from bags" recounts Marco Hoffmann, one of the two managing directors of H-B-C. A system involving loose material had to be found. The team of experts developed the following technique: The mixing pump PFT MONOJET 3.35 was supplied with dry mortar from the silo by a PFT SILOMAT D1-140. In this way, it is not necessary to distribute bags on the upper floors, and disposing of empty bags is no longer a concern. The flexible material hose on the PFT MONOJET 3.35 is

equipped with a 230 V vibrator, to ensure a continuous flow of material. "With PFT machine technology, we now do about 25 frames a day", says Bernd Maryniak, the other managing director at H-B-C.

The firm Come In-Türenvertriebsgesellschaft mbH from Reichenbach near Stuttgart, a manufacturer of steel frames, was impressed by the efficiency with which the frames it supplied were cast.

The centre for single mothers has now been completed.

The next application site for the new logistical system was an apartment complex in Berlin-Köpenick, where H-B-C had to install approximately 500 steel frames in four construction phases. Then another 200 frames in the 6th construction phase must be completed. In between, there is Rostock, where the Hotel Sonne is being built. Managing Director Marco Hoffmann praises the effective guidance he received from the PFT partner dealer Stock. In light of the growing demand for door frames, H-B-C now plans to expand its PFT machine stock.

Technische data:	PFT SILOMAT D 1 – 140
Pumping quantity*:	approx. 20 kg/min
Pumping distance*:	up to 140 m
Connection cable:	5 x 4 mm ² , 32 A
Drive:	7.5 kW, 140 Nm ³ /h
Dimensions L/W/H:	1450/1530/2320 mm
Total weight:	560 kg
* at piled density weight 1	
Technical data:	PFT MONOJET 3.35
Pumping capacity*:	approx. 22 l/min
Connection cable:	5 x 2.5 mm ² , CEE plug
Electrical connection:	400 V rotary current, 16 A
Drive:	5.5 kW, 400 rpm
Dimensions L/W/H:	1200/700/1370 mm
Weight:	183 kg

