

# Innovative Technology – the PFT MINIJET II Mixing Pump

Small, compact, yet powerful – this was the impression the PFT MINIJET II mixing pump made on the painting firm Wandler, based in Rödelsee (South Germany). It was not PFT's location in the neighbouring town of Iphofen, only 4 km away from Rödelsee, that convinced Rudolf Wandler of the advantages of machinery made in his home region, Lower Franconia, but the continual innovation of PFT's products, the consistent PFT machine system and the nation-wide service network of the PFT partner traders. Mr. Wandler's painting business, established in 1875, today employs 12 persons. For several years, Wandler's workers have been supported in their

*The small PFT MINIJET II for efficient plastering. Just connect it to a 230 V AC socket and get started.*

plastering jobs by a "couple" of PFT machines: a PFT SILOMAT pneumatic conveying system and a PFT G 4 mixing pump. This machine combination is the optimal equipment for efficient and economical plastering. The PFT SILOMAT conveys large quantities of dry material, delivered in silos, over long distances to the mixing pump in a dust-free procedure. This pump mixes the material with water and pumps it directly to the place of application. A clean and practical solution. A few years after the purchase of the PFT G 4, Mr. Wandler added its successor, the PFT G 5 mixing pump, to his machinery. Apart from its main advantage, the detachable control module, the PFT G 5 offers several other benefits.

In mid-2003, PFT partner trader Stöcker Baumaschinen GmbH, Mainstockheim, and PFT representative Otto Iff presented the new member of the PFT mixing pump family to Mr.

Wandler – the PFT MINIJET II.

This machine definitely stands out from the rest of the family. The most obvious advantage is its dimensions. Its height of



*With the aid of a 7.5 metre material hose, the mineral finishing plaster was sprayed onto the wall at a pressure of approx. 8 bar.*

approx. 1,200 mm, width of approx. 610 mm and length of approx. 950 mm make it PFT's most compact mixing pump. The second distinct advantage – the 230 V AC connection of the PFT MINIJET II – also convinced Mr. Wandler immediately. The new machine was "tested" in a one-family house in Dettelbach. Since there was no supply of three-phase current at the building site, the use of the PFT MINIJET II suggested itself. The "small one" was connected to the normal electricity supply, and the work could begin. In this case, NOBLO®, a Knauf Marmorit product, was used. This mineral finishing plaster with 2 mm marble grains

permitted the creation of direction-free structures for fine, subdued plaster surfaces. The PFT MINIJET II allowed the workmen to easily and neatly spray the finishing plaster. Mr. Wandler is very appreciative of the small PFT MINIJET II, because this mechanical application procedure saved his business a great deal of time and labour.



## Technical Data:

## PFT MINIJET II

Drive:	1,500 W
Speed:	100 – 350 rpm
Power supply:	230 V alternating current
Conveying capacity approx.*:	1 – 8 l/min
Conveying distance up to approx.*:	15 m
Operating pressure:	max. 15 bar
Total weight:	70 kg

\* Standard values, depending on: mortar quality, composition and consistency; pump type and condition; conveying hose diameter and conveying height. Ultimately, the respective standard values given by the mortar manufacturer will be decisive.