

Demanding EIFS Task at the Moldau River Banks of Prague.

The perfect dancing couple from Hollywood, Ginger Rogers and Fred Astaire are represented by the two tower shafts of glass and concrete which are now finished at the river banks of Moldau in Prague. The draft of the Californian star architect Frank O. Gehry puts Ginger's swinging ball dress plastically in scene on the facade. But whatever the shaping and the architecture the heat insulation of the facade nevertheless had to be achieved.

It was the RAKATHERM-EIF-System of the company Colfimit Rajasil, Markredwitz that fulfilled these two functions, i.e. creativity and heat insulation.

With a bigger model Frank O. Gehry was convinced that his draft could be realised with a plastic and heat insulated facade. The contract for the execution was awarded to the company Cora-Top from Sokolov, an old and well known company in the field of restoration and plastering.

A Case also for PFT

It soon became clear that a facade surface of approx. 1,000 m² could only be handled effectively and speedily with machines.

The well trained Cora-Top-team started to use PFT machine technique for the glueing, armation and plastering of the EIFS.



It was the machine combination screw mixer PFT HM 2 and conveying pump ZP 3 V that they employed.

The glueing and the armation mortar were sprayed all-over.

The machine combination PFT HM2/ZP 3V naturally also was used for the application of the mineral armation mortar as well as for the water repelling final coat.

Even hose lengths of 40 m and conveying heights until 20 m were no problem for the PFT ZP 3 V.

The remote control of the machine combination, and the quantity regulation of the conveying pump have been recognised as a huge advantage, saving both time and money. Efficient working is enjoyable and just more fun.

Once again PFT fulfilled the expectations, i.e. to mix mortar and plaster in one step by pressing a button and to pump it where both are needed, that means into the hand of the qualified specialist who has better things to do than to mix material in pails and to pull it onto the scaffold floors by a pulley block.

Technical Data:	PFT ZP 3 V
Conveying capacity:*	approx. 5 – 60 l/min
Connecting cable:	5 x 4 mm ² , CEE plug
Vario Drive:	5.5 kW, 400 V three phase
Dimensions L / W / H:	2,240/700/580 mm
Total weight:	280 kg

Technical Data:	PFT HM 2
Mixing capacity:*	approx. 30 – 50 l/min
Drive:	4.0 kW, 280 rpm
Power connection:	400 V three phase
Dimensions L / W / H:	2,000/670/1,030 mm
Total weight:	123 kg