

## ***New design of screw pump and pipe bends for pneumatic conveying of abrasive powders***

WAMGROUP, headquartered in Ponte Motta di Cavezzo (MO), Italy, and with subsidiaries throughout Europe, has introduced the POWPUMP™. This innovative screw pump, manufactured from SINT® engineering polymer, has been specially conceived to feed dry, powdery abrasive materials into pneumatic conveying lines. Pneumatic screw pumps utilise the conveyed material to create a seal which prevents a reverse flow of conveying air, thus increasing wear resistance and the life cycle of the pump. Installed beneath an open hopper, the unit prevents air blowback emissions into the atmosphere, safeguarding operator health and improving conveying performance inside the pipeline.

To help minimise wear of the pneumatic conveying system, the company additionally offers a full range of wide and short angle pipe elbows, also made of SINT, which have been setting new trends in the market. EXTRACURVE® (wide angle) and EXTRABEND® (short angle) pipe bends fitted to link pneumatic conveying pipework offer great flexibility and excellent wear resistance. [www.wamgroup.com](http://www.wamgroup.com)



***POWPUMP from WAMGROUP and (right) the two recently launched wear-resistant pipe bends***