



TAUCHPERFORM®

Immerging into a new dimension

Thinking in a new dimension

With TAUCHPERFORM® MöllerWerke modernises the dip moulding process and revolutionises the efficient production of plastic components in small to medium-sized production batches.

This is how TAUCHPERFORM® works.

The dip moulding tool precisely mirrors the inner contours of the dipping part. It is submersed in liquid molerit® and remains in the immersion tank as required. The dip moulded part is then pulled off the tool and finished.



- **The innovative alternative to injection moulding** and other moulding techniques
- **Low tooling costs** and short lead times
- **A dream for engineers:** planning, optimising and manufacturing small to medium-sized production batches



Production

in a new dimension

From manual procedure to highly automated process. MöllerWerke is setting global benchmarks with the TAUCHPERFORM® facility.



A milestone for plastic moulding.

The manually defined dip moulding process has played an important role in the production portfolio of MöllerWerke for over 40 years. With the TAUCHPERFORM® facility which was completed in 2012, MöllerWerke has made use of all technical possibilities and created a process chain which is unsurpassed.

Top form in series.

The consistently high quality and reproducibility made possible by the high degree of automation arouse keen interest in all products. Using the most modern control technology, all processes are configured variably and reliably checked. Every dip moulded part offers the “Made in Bielefeld” quality typical for MöllerWerke.

Individual processing times.

Individual processing times are a prerequisite of efficient production. The automation also permits the individualisation of activities. This makes production of TAUCHPERFORM® dip moulded parts significantly quicker and more efficient than ever before.



Things to know about the TAUCHPERFORM® facility.

2 Reis robots supply 32 immersion tanks. 150 dip moulding tools in operation and circulating at the same time facilitate up to 1,400 dip passes per day.



Construction

in a new dimension

TAUCHPERFORM® offers engineers and designers from all industries attractive opportunities when it comes to the diverse development and efficient production of plastic moulded components.



No limits to moulding

Complicated geometries can be achieved without a problem:

- Fast, low cost tooling in own toolmaking shop (CAD design, CNC production)
- Initial samples after 3 to 4 weeks
- Bellows and moulded parts from 8-800 mm Ø and 800 x 1000 mm cross-section

First choice in terms of aesthetics and function

TAUCHPERFORM® bellows and form components enhance quality products and offer diverse possibilities:

- Safe covering of hazard areas
- Matt or gloss surface
- Standard colours: black, red, yellow, grey, transparent, special colours available.
- 2 colours within one dip moulded part
- Different hardness areas within one dipping part
- Connection of components
- Integrated vent flaps, sieves, flanges, wire rings, zippers etc.
- Imprinting

Nothing is impossible. Let us know your requirement, and we will develop a customised solution.

The proven material: molerit®.

molerit® has been specifically developed for plastic moulded components taking environmental and health compatibility into consideration. molerit® offers excellent product properties and resistance to hot and cold temperatures, to UV, aging, acids, alkalis, seawater, gases etc.



Typical application areas for TAUCHPERFORM® parts:

Automotive engineering / electrical engineering / medical engineering / mechanical engineering / agricultural engineering / sanitary engineering etc.



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