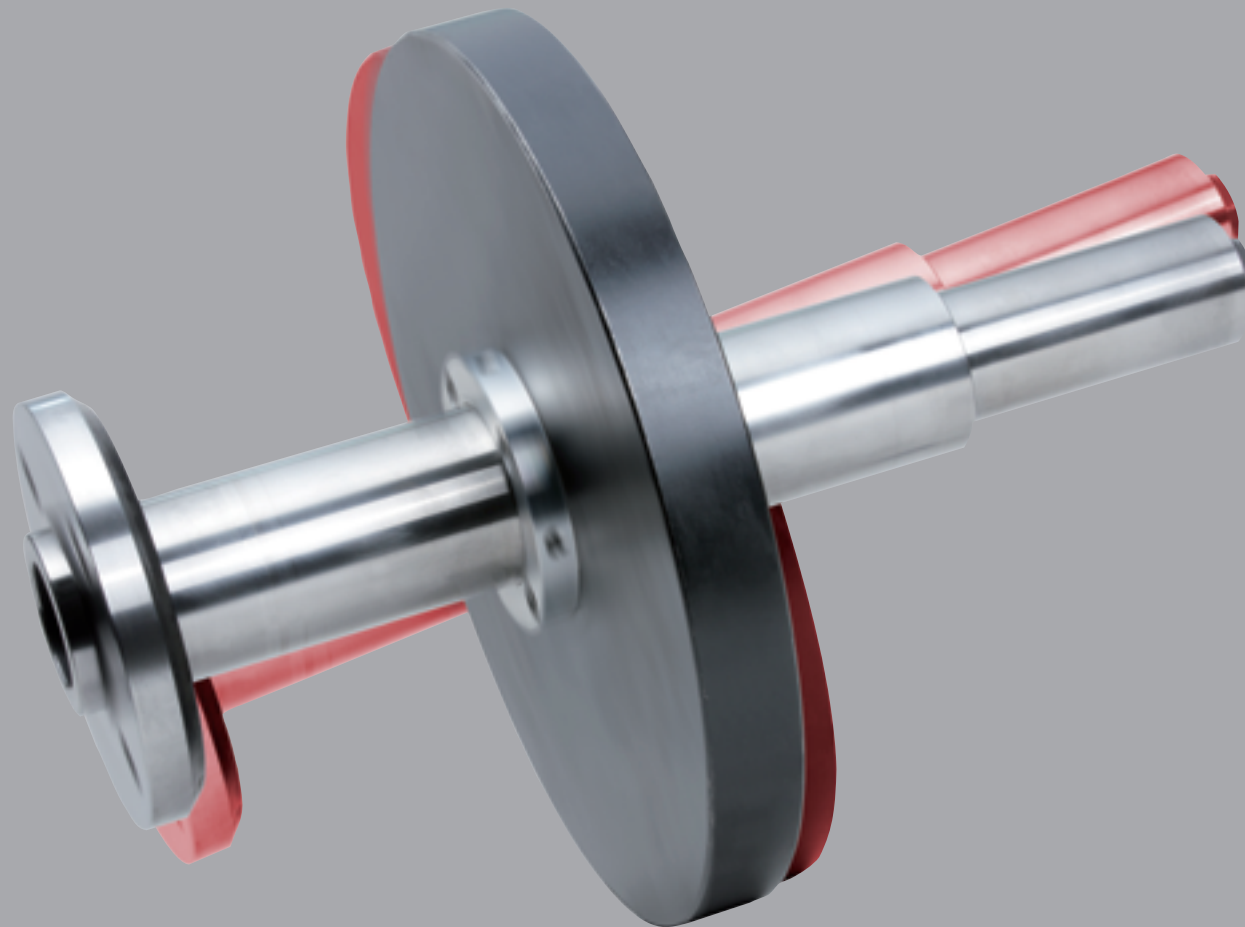



## The balancing specialist

MPM has the solution for all rotating parts



Machine tool building  
Tool industry  
Automotive industry  
Aerospace  
Electric motor production and repair  
Medical engineering  
Ventilation engineering  
Food industry  
etc.

A grayscale photograph of a microchip mounted on a circular turntable. A clear glass is placed on top of the turntable, and the entire assembly is shown in motion, with motion blur on the turntable's surface. The text 'We are pleased to welcome you' is overlaid in the center of the image.

We are pleased to welcome you

# Balancing in high-tech-precision



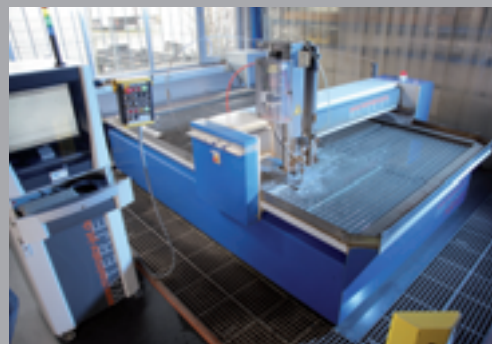
„...wanting to know is more important than knowing“

*Allain*

We design and produce,  
this is your profit!

- 95% manufacturing penetration ensure on-time delivery
- Hard- and software, all from the **one** source
- Largest selection of balancing systems

MPM is reducing costs but develops  
ideas





„...he who can go to the source, will not go to the water bucket“

*Leonardo da Vinci*

...so going straight to the specialist is always the best and cheapest way!

## Balancing of grinding wheels

40 years of balancing experience with **own** style, we will continue this story...

## Fully automatic balancing plus GAP/Crash/Dress

- For all machines and types
- for all types and sizes of grinding wheels
- either operating modules or CNC integration



# Balancing in high-tech-precision

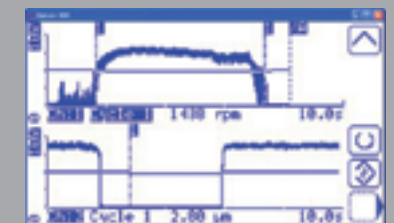
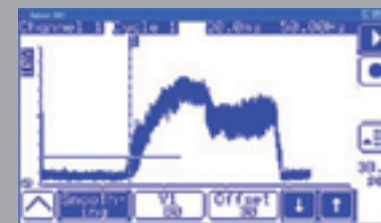
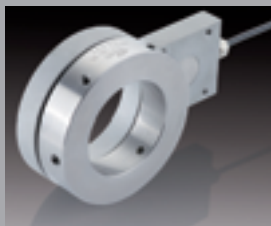


„...joy, fair spark of the gods...“  
*Friedrich Schiller*

A single „ $\mu$ -spark“ during grinding wheel contact is already enough and you will receive immediately the GAP/Crash/Dress signal, for your machine control

## Balancing of grinding wheels plus GAP/Crash/Dress functions

Gap sensors for every demand



The modular MPM System allows a lasting cost reduction and increase in production.

1- and 2-channel display



„...the perfection of a clock does not consist in moving fast but in moving correctly“

*Vauvenargues*

## Manual and mobile balancing

Proven a thousand times and very popular

- For the balancing of any rotors
- Ready for use at any place
- Can be used at each machine or plant
- Easy and comfortable operation

With MPM-systems you solve your balancing problems easily and cost-effective!



# Balancing in high-tech-precision



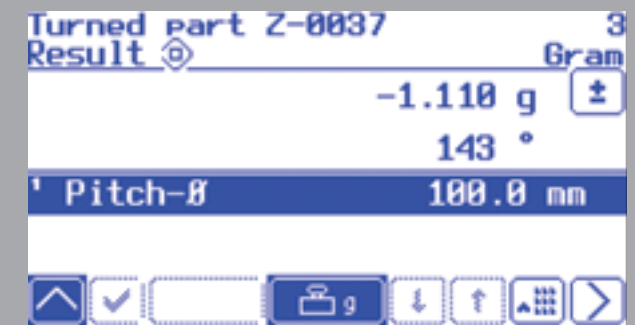
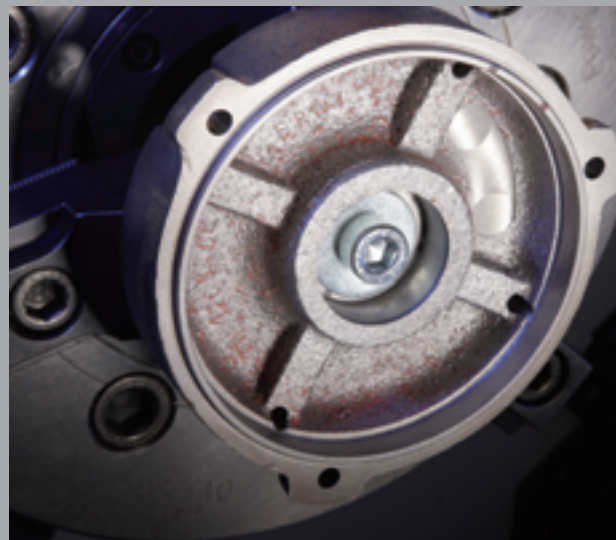
„...circumstances should never alter principles“

*Oscar Wilde*

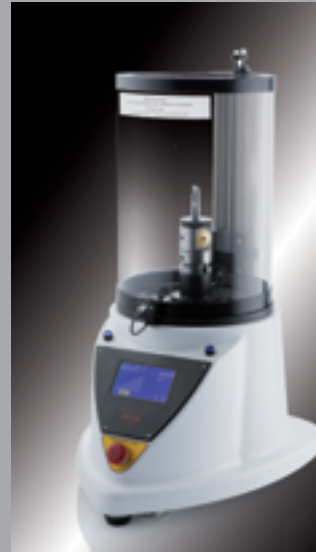
## Balancing at turning lathes and milling machines

- For all manufacturers and machine types
- Directly on the machine
- For all chucks
- Unbalance reductions 90% and more allow higher cutting speeds at smooth running

Your advantage:  
shorter machining times of about 60%



Unbalance correction via PROFIBUS  
automatable



„...Equilibrium is not either – or, it is and“

*Stephen R. Covey*

we will find equilibrium where we keep balance

## Vertical-balancing machine

Balancing of tools and rotating work-pieces

For single and serial parts

- saves expensive machine spindles and tools
- increases the safety
- smoother running
- longer life-time

Well balanced tools and work-pieces increase the quality of your products



# Balancing in high-tech-precision



„...we learn from errors, which we admit“

*Lothar Schmidt*

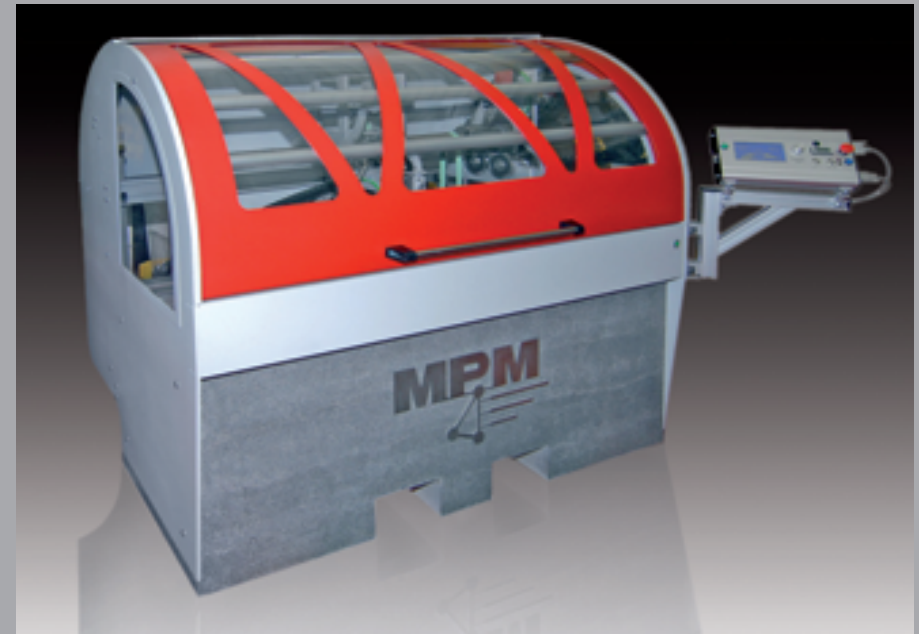
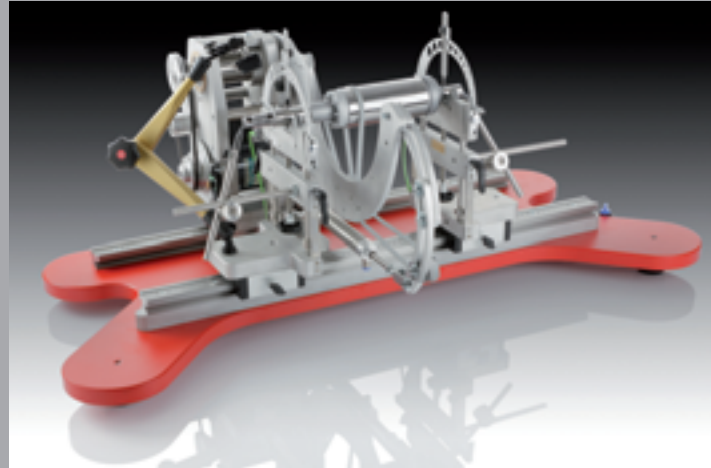
Promotes the progress.

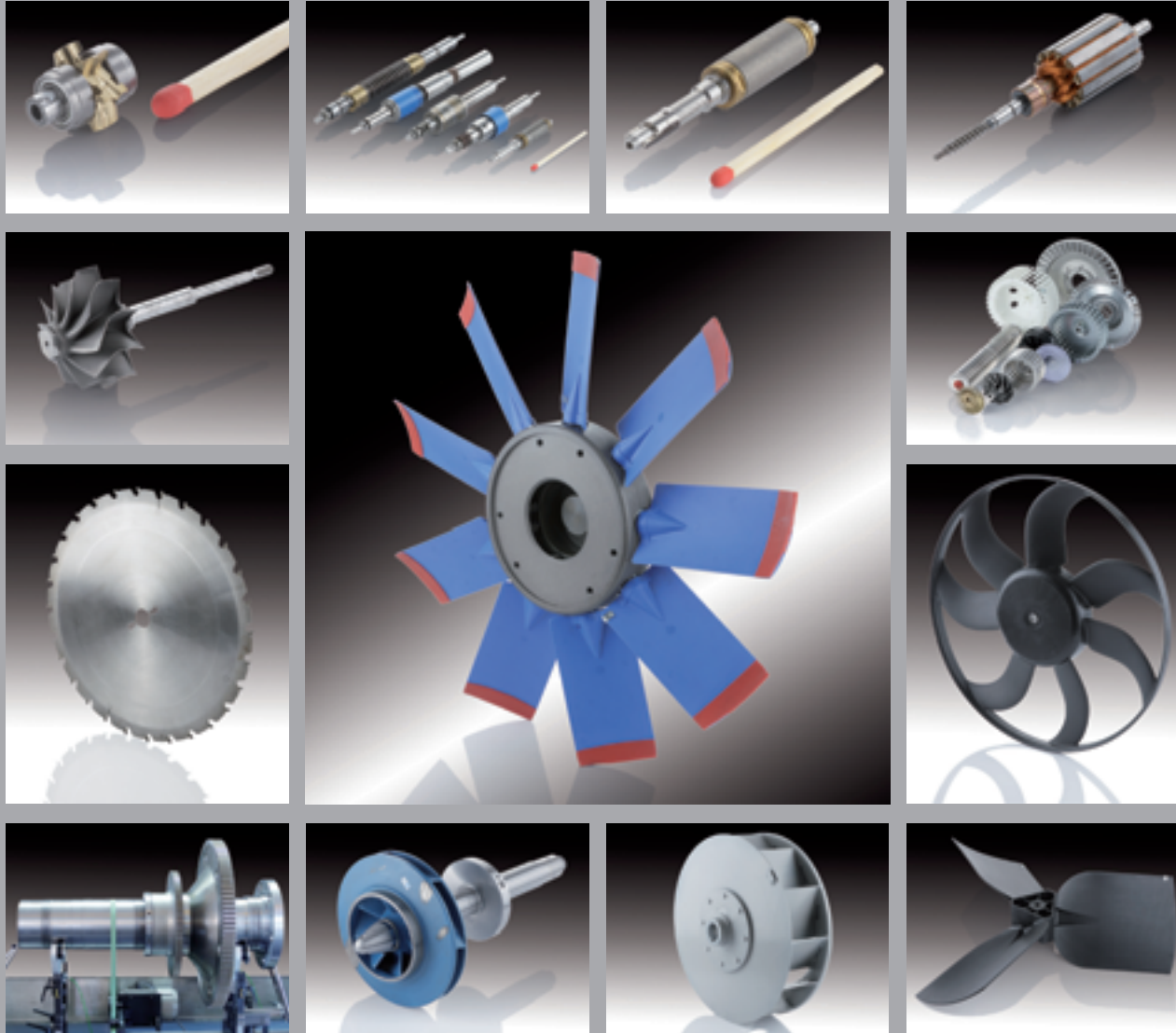
## Horizontal-balancing machine

For shafts and cylindrical rotors

- From 2g to 150kg of highest quality grade

Exactly aligned for your special needs





„...Fortune does want a little help“

*Adage Skandinavia*

## Service balancing

From dental rotors to machine spindles or fans,  
simply for all rotating parts...

# Balancing in high-tech-precision

Precision and reliability are always up to date





# Balancing in high-tech-precision

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„...good literature spoils bad taste“

*Rupert Schützbach*

MPM – and everything goes round!



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