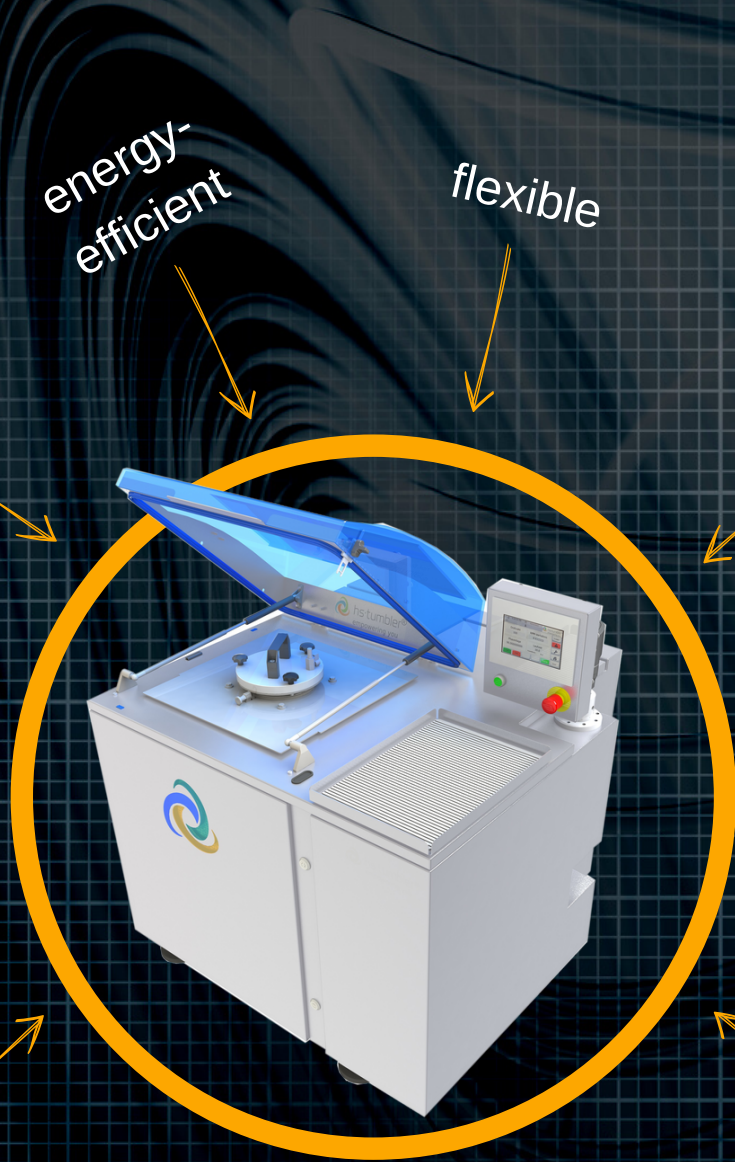




hs·tumbler®  
empowering you

# The Rührvolution

Shaken - not stirred



energy-efficient

flexible

economical

gentle

fast

hygienic

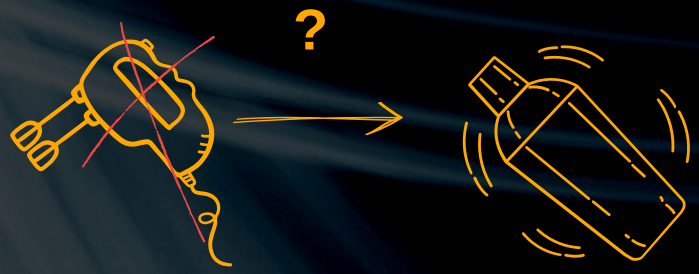
homogeneous

easy to clean

space-saving

healthier





## What is the stirring revolution?

Stirring was yesterday - today there is **trajectory mixing!**

In trajectory mixing, a process vessel is moved at high speed along a narrow 2D curved path. In this process, the masses in the vessel mix with themselves, entirely without the use of a stirring tool.

Trajectory mixing

is **faster & more flexible**

- Small batches - trend towards individualisation
- Short process times - typically ~30 sec instead of hours
- Many programming options through servo drives - for a wide range of applications

has **higher qualities**

- healthier products due to fewer additives
- gentler on the product
- better hygienics
- more homogeneous end product / better mixing quality

and is **more efficient**

- less energy consumption
- less heat input
- more space-saving - 1x1m footprint
- close to continuous batch production
- can be automated
- less water and cleaning agent





## Our potential

We process almost **everything** - everything that is otherwise mixed, blended, kneaded or polished.

And much more! Even the impossible becomes possible with our **trajectory mixer**.



*It's like magic!*





*Let's do magic!*



## Our win-win cooperations





Are you curious? No matter whether you are a manufacturer of food, cosmetics, pharmaceuticals, chemicals or other industrial products: We want to **support you** with our trajectory mixer!

**Trial & Trust:** Just try it out! Visit our technical centre in Quakenbrück (Germany) and discover the possibilities for your product with the trajectory mixer. Simply

- enquire,
- present your process,
- come by and
- be curious.

We will conduct the trials with you and analyse your potential.

### Contact us

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