



## TECHNOLOGY CENTER FROM JONGIA

It is good, but is it good enough? Do you want to improve your processes? Share your knowledge with Jongia and we'll get working on this together. There's a highly-qualified team ready to help you in the brand new, state-of-the-art Technology Center. Challenge us!

Sometimes what the client wants **seems simple**, but the problem turns out to be **difficult to solve**. These are the **most interesting** challenges!

As manufacturer of industrial stirring and mixing equipment we have a lot of knowledge about the machines and how to achieve optimal performance. The liquids are an unknown variable for us. As soon as we know which liquids need to be mixed, we immerse ourselves totally in this. So that you can achieve even better results using the knowledge we've gained. Process technology in perfection.

### Make the difference with Jongia

The Technology Center is Jongia's innovative co-creation space that works to research and develop new systems. We've invested in the best equipment and people to ensure that we can make a difference. Difference in quality, quantity, speed, costs, maintenance, consumption, solvability, viscosity, homogeneity... Challenge us to make the difference. As partners we achieve so much more together.

### How does the Technology Center operate?

Measuring is key, so we conduct extensive research on the liquids involved. Solvability, mass, specific weight... but also, for example, behaviour in changing circumstances. We use advanced computers and calculation methodology to conduct every possible analysis. We then produce test rigs; small ones at first. We then scale this up at the Technology Center to a drum of no fewer than five thousand litres. This drum enables us to stir or mix from above, the side or from below, with every possible impeller. We continue until we've achieved the best result before taking the final step at the client, where we work at production scale and analyse this.



'Clients come to us with **the craziest ideas**; but that's what **makes it so great!**' Henk Scholte, Process Technician



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'In the **Technology Center** we measure, we devise, we **experiment**, we improve and we invent. **It's fantastic work!**' Johan Postma, directeur

### Lease unit

As client you can also decide to run a pilot at your own site. Jongia has developed a special lease unit for this that includes simply everything. The unit is easy to transport and install wherever you want it. You can experiment to your heart's desire, supported by the many innovative mixing technologies offered by Jongia.



### Your reason, our challenge

Jongia is a big player in the Netherlands, but we export our mixing systems across the world. Clients come to Jongia for all kinds of reasons. For instance, to scale up production from a traditional-scale to a factory-scale. Or because safety requirements have changed. Or perhaps there's an energy issue. Faster, cleaner, optimised... Jongia's Technology Center will find a solution for your challenge.

### A few examples of challenges

#### Right into the corners

*A client had round manure silos that used a mixing system. He saw the unused space between the silos and decided to build square ones in future. And Jongia needed to discover how to mix right into the corners. We solved it.*

#### Control the wind

*A client kept a pile of sand outdoors. With each gust of wind he saw part of his stock disappear to the neighbours. With Jongia he developed a mixer to spray paper pulp onto the sand, so that the wind couldn't take hold of it.*

#### Care required

*A client was breeding larvae for protein production. To prevent them sticking together, Jongia devised a customised solution. Of course, the mixing system we devised ensured that no larvae were damaged.*



### Process consultancy & testing

In synergy with you, our client, we envision the most efficient solution for your mixing application. Mixing techniques are put to the test in our in-house laboratory by our processing experts or on site with our rental test units.

### Engineering, manufacturing & quality

Our engineering team is dedicated to designing robust and reliable, leading edge mixing equipment. The equipment is manufactured by skilled craftsmen on state of the art machinery. Every step is controlled by international quality standards.

### Installation & global service

Installation, supervision and commissioning are performed by experienced field engineers. Rely on Jongia's 24/7 global service to assist you.

### Jongia N.V.

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