



VISION & MISSION



Introduction

The evolution towards our “Dynamic Performance” concept started over two decades ago when, at that time my brother Mr Bertil Myrén was working as field engineer at large mills in Sweden, began to question and challenge the operation and technology used within combustion processes.

We founded Clean Combustion in 1999 with the ambition to turn my brother’s findings into innovations to improve the combustion process and improve the combustion efficiency. Impressed with the results we were encouraged by our clients to pursue our ideas. These strengthen our drive to further improve our technology and organisation. Over a decade later we now welcome all interested customers worldwide to take part of and share our “Dynamic Performance” vision.




Kjell Myrén, CEO & Founder

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*Dynamic Performance - We stand for an efficient
and sustainable use of our energy resources...*



The Dynamic Performance Concept

Clean Combustion started with the ambition to turn the results into innovations and aware the operators on how to more efficiently care the energy resource consumption. The primary results showed better cost efficiency and up time improvements. Other discovered benefits were improved energy extraction and fewer emissions. In summary, an overall optimised performance could be reached. The results strengthen our drive to improve the technology further towards;

Efficient technology

Concerns the core issue, meaning well-balanced, efficient, dynamic combustion and energy extraction.

Flexible technology

Ensures response to the fuels of today and tomorrow, irrelevant of quantities. Our technology supports solid, slurry, fluid, and gas fuels, the technology supports mixing of fuels, and supports different flows of fuels within one system.

Manageable technology

Focuses on operations, maintenance and the daily operators of our equipment, providing easily accessible functions, self-cleaning design, highly reduced and simplified maintenance.

Sustainable technology

Emphasises on environmental awareness. Our products will reduce the impact in comparison to previous installation and will outperform corporate and governmental policies.

Clean Combustions Research, Innovation and Design technologically embraced this further in the spring of year 2012 by investigating previous installations and the usage of our delivered equipment. The result showed that a higher grade of efficiency had been achieved where instances outside the operators were involved through corporate policies or management interests. By clarifying and taking this into account, we strengthen both our competence and the benefits we can provide to our clients by embracing all technological, managerial, organizational, as well as strategically aspects of the company combustion processes.

Our Dynamic Performance concept is now proven, established, and available for you...



Benefits for the Pulp & Paper Industry

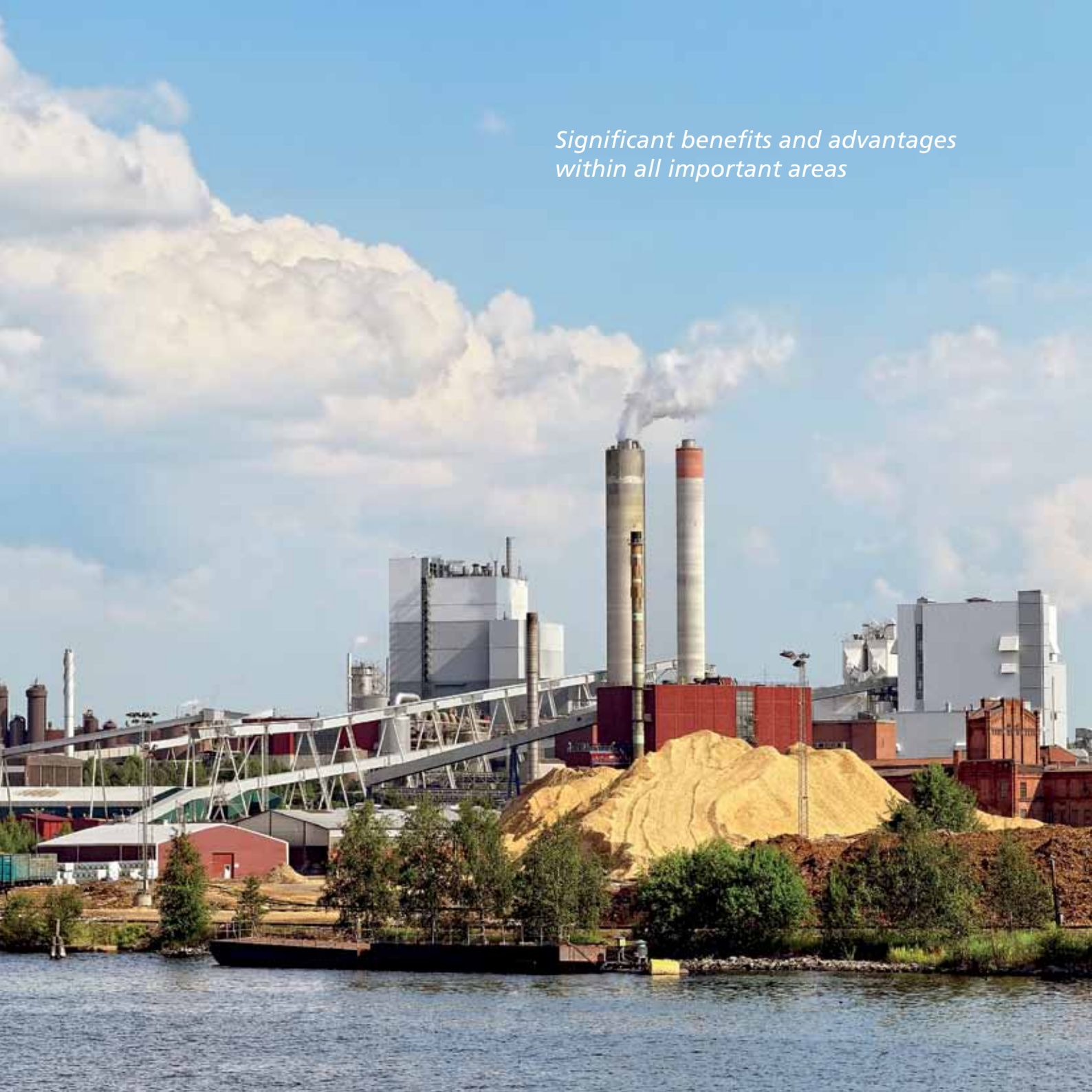
A sustaining trend of increasing energy prices and stricter governmental policies make large Pulp & Paper Mills inevitably face larger costs. However, investment in more efficient energy extraction technology reduces production costs, environmental impact, and ultimately achieves sustainable competitive advantage.

Clean Combustions Dynamic Performance Concept applied in organisations energy intensive applications further approach an optimised operation. Optimised combustion alone achieves higher energy efficiency while legislated emissions and fuel consumptions are reduced. The dynamic technology empowers the plant with instant choice of the most suitable fuel; strategically, financially, and/or environmentally.

The benefits are summed into the four cornerstones of the Dynamic Performance Technology; Efficient, Flexible, Manageable, Sustainable. Each aspect of the technology is contributing towards the beneficial sum.



*Significant benefits and advantages
within all important areas*



Serviced Areas in Pulp- & Paper Industry

Clean Combustion supply high tech energy efficient combustion solutions to the global Pulp & Paper industry. On a project basis we supply solutions ranging from entire boiler constructions to operational services. By embracing the entire organisation, we can guarantee well-executed projects with desirable results and improvements.

1. Strategical consulting and advisory ensures that the corporate strategies are in alignment with the project scopes. This is one of our keys to a successful project execution.
2. Closely working with clients management improves the understanding of available options through dynamic performance, this fosters further efficiency increases.
3. Our engineers work in close proximity with the operative organisation, it ensures sufficient training in operating our technology in the most efficient way.
4. The technology is designed after specification in collaboration with our clients. The information input in the planning stages from corporate objectives, management and operative members ensures that optimized equipment is delivered to the installation.

Examples of projects and technical products in the Calcination and Recovery Boiler area:

Recovery boiler black liquor stations • Lime kiln burner stations • Change of fuel projects • Boiler stations • Incineration Stations • Tuning NO_x, CO and CO₂ projects.





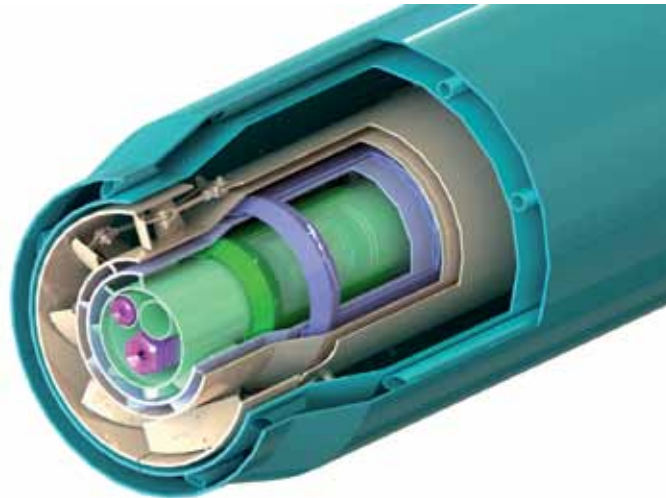
Future technology

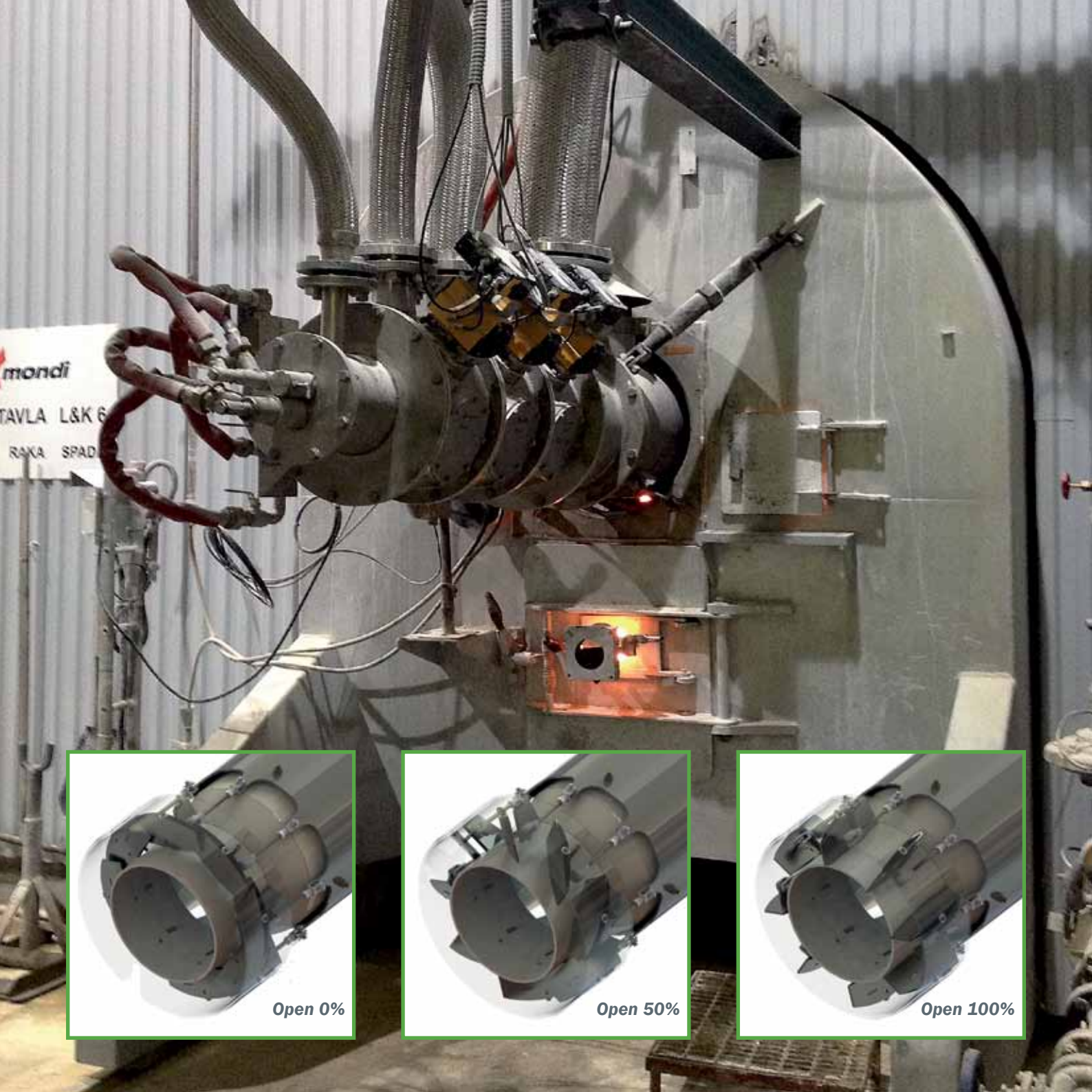
Over the last two decades we have observed a rapid development of the world: increase in population, energy demand, global economic growth, and middle class. This is resulting in a climate change at an unsustainable phase. Environmental awareness forges a demand for sustainable energy sources. New types of fuels are introduced at an increasing rate, creating demand of new technology.

Clean Combustion strives to be more efficient, flexible, manageable, and sustainable in comparison to previous generations. This offers Dynamic Performance; to operate in different situations suitable of its demand in an efficient manner. Our Industrial Burner Solutions embraces all mediums of fuels (gas, liquid, slurry, and solid) and approaches a sustainable optimised combustion for every fuel we introduce.

The requirement of new technology investments should considerably concern; cost efficient use of fuel resources and plant, reduced legislated emissions (such as NO_x, CO, CO₂ and other environmental impacts), reduced and simplified maintenance, and modernized operation.

And as an extension the technology acquired should embrace efficiency, sustainability, flexibility, and manageability in order to embrace the future.

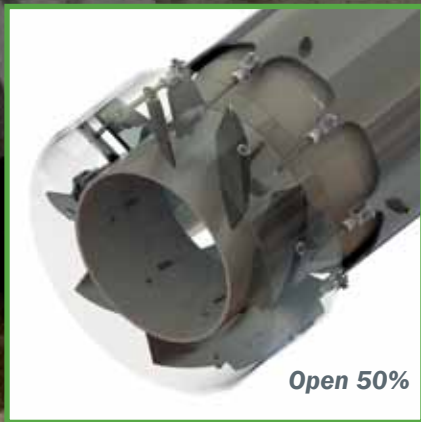




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