

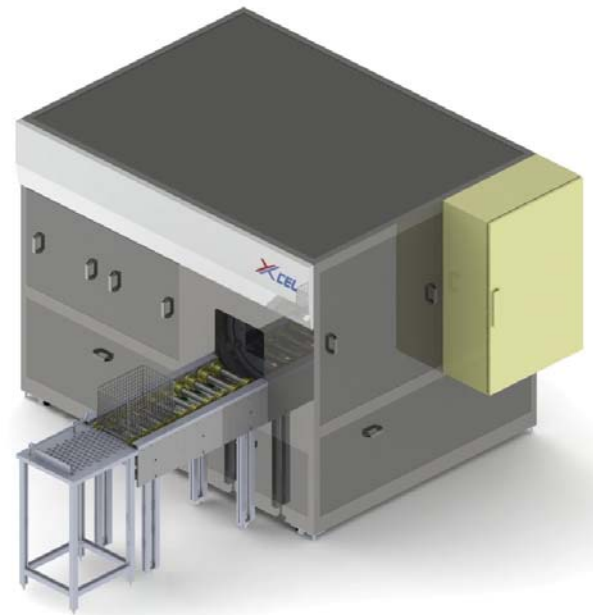
Justification Knowledge Skills

About JKS Engineering (M) Sdn Bhd

JKS was founded in 2000 as an advanced *cleaning solutions partner for industrial components* in the automotive, hard disk drive, electronic, coating and semiconductor industries. **JKS** provide a one-stop total advanced *cleaning solutions*, transforming from knowledge-based identification of cleaning requirements through the process validation using laboratory testing and finally system technology platform design selection.

The demand for component cleaning is increasing due to the high requirements related to product functionality, cosmetics, perfection of surface finish, miniature products, and extended product life spans. **JKS** also strives to raise industrial awareness regarding components cleaning with increase yield, reduced wastage and energy use, while still meeting stringent cleaning standards which are critical for reliable and trouble-free system operation.

JKS believes that innovation is to have continuous improvement in terms of technology, and to come out with creative but cost effective designs. In their perspective, innovation is about creating value according to the market's needs, because great achievement comes from meeting the customer need.



Company Information



**JKS Engineering (M)
Sdn Bhd**

www.jkseng.com

Industry : Machinery

Product(s) Used : SOLIDWORKS

"A solution partner like IME is essential in helping us to implement technologies that help to achieve our goal of building a total solutions platform"

Mr Chong See Hin
Managing Director





JKS Engineering (M) Sdn Bhd

JKS on Innovation and Growth

JKS emphasizes on *partnership establishments* with their customers, suppliers, international technology alliances & their employees through:

- Commitment to customers with *High Productivity, Cost-Effective & Sustainable Solutions*;
- Sharing of *Engineering KNOW-HOW* on Best Process Selection, Instrumentation & System Design;
- Focus on *Innovation*, delivering New Technology to the market and CSR; and
- Investment in *people and infrastructure*.

On Choosing SOLIDWORKS

We used to use AutoCAD as our primary design tool. For those who were not familiar with 2D drawing and the theoretical background, much time and understanding was required to complete a design. This necessitated a strong 2D background for our designers in order for them to easily contribute to the design process. Investment in SOLIDWORKS is easily justified as it was a necessary step to improve our design process.

The Solution

Reduce design error, save time and cost

SOLIDWORKS enable the designers to see the actual design and details of the machine assembly in an intuitive fashion. This immediately reduces design error, which leads to substantial time and cost savings.

Create linked 2D drawing with existing part and assembly

3D models can be converted to 2D drawings in one single step, allowing designers to produce a 2D assembly drawing or parts drawing for fabrication easily.

Professional presentation

Photorealistic rendering of 3D parts and assemblies build a professional and lasting impression to customers compared to 2D drawings.

Design validation

Designs are being validated and optimized from the early stage of the design cycle. With full access to basic parameters of a design, it became easier to identify potential improvements to a design's safety.

On the implementation

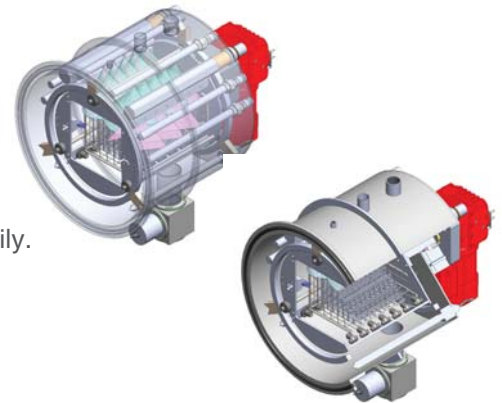
JKS experienced a reduction of approximately 30% in time spent for design work. The 3D drawings produced by SOLIDWORKS help their designers to detect design errors easily, while the simulation capabilities lead to design improvements. Production rework cost decreased, bringing better material cost control and reduced production time requirements to the company.

Benefits

- Optimised design through simulation analysis
- Eliminate design error and reduce cost of rework
- Increase production efficiency and productivity

Why IME

Trustworthy – a partner that we can trust and rely on. As a partner, IME is sincere and always put in efforts to build up the engineering industry in Malaysia, not just for business dealing.



About IME Technology

IME TECHNOLOGY is Malaysia's leading and #1 SOLIDWORKS certified Sales, Training, and Support Centre. With more than 30 years of establishment and experience, we have the most qualified, skilled and specialised technical expertise in the ASEAN region. Our team will ensure that the partnership between IME and our customers will grow, shine, and sustain.

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