



## SolidWorks Solution helps leading mobile aerial platform win more business and save cost\$

### About **Malift Sdn Bhd**

*Founded in 1995 and headquartered in Puchong, MaLift Sdn Bhd is Malaysia's premier design and engineering company in the manufacture of special-purpose machines and equipment for industrial agricultural applications. MaLift has emerged as the local pioneer in the manufacture of handling and harvesting machine for the oil palm industry, as well as the dominant Malaysian manufacturer of mobile aerial work platforms.*

The company's commitment to high quality industrial products is evidenced by their commitment to R & D and their never-ending quest to innovate. Their clients are industry leaders in the utilities, telecommunication, plantation and construction sectors, as well as most of the Malaysian municipal councils.

"The most valuable benefit of SolidWorks for us is the ability to do simulation analysis on every part and assembly we design. Thanks to the design and simulation interoperability, we can make incremental changes and immediately assess whether the design will still hold up." said Norazman.



*Designed and simulate with SolidWorks*

### Benefits

- 50% reduce production time.
- Develop more new designs in a single year.
- Design right at the first time.
- Reduce costly prototyping and physical testing.
- Sell potential customers with rendering and animation to give more realistic 3D presentation.
- More innovative design.

### Why IME

- superb response time convinced me that they are the right partner to help take our business to the next level.
- They provide the best technical support and guidance during the transition period from switching 2D to 3D CAD.
- Technical supports are well trained and show their professionalism in solving my problem.

### Malift Sdn Bhd

premier design and engineering company in the manufacture of special-purpose machines and equipment for industrial agricultural applications.

## Challenge

- ✓ Withstand large loads & stresses and be reliable over a long period of time.
- ✓ Safety requirement became increasingly stringent .
- ✓ With 2D CAD, it require a lot of imagination and draughtsman skill.
- ✓ Increase of oversea competition .
- ✓ Spiraling costs of material.

## Solution

SolidWorks provides them a complete set of tools to take advantage of a digital prototyping workflow. With an accurate SolidWorks 3D model, the engineers can design, visualize, and simulate their designs under real-life conditions.

SolidWorks Simulation now enables Malift to digitally predict the design's structural strength and integrity.

*IME experience, high level of technical expertise and superb response time convinced me that they are the right partner to help take our business to the next level."*

**Norazman Aidros**  
Managing Director  
Malift Sdn Bhd



**Industry:**

Heavy Industry

**Previous CAD :**

AutoCAD

**Product(s) Used :**

SolidWorks 2012 with Simulation

## About IME Technology

**IME TECHNOLOGY** is the most established Certified Sales, Training and Support Centre in this region with the varsity experiences that we learn from our customers. Through innovation, we are committed in providing a wide range of professional services to our valued customers. Leading by 2 elite engineers and backup by 8 certified SolidWorks expert (CSWE), IME technical support team will ensure the partnership between SolidWorks, IME and our customer will grow, shine and sustain.



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