

MultiCrane

Industries Sdn Bhd

MultiCrane Industries is the exclusive representative of EMH Inc., Engineered (USA) Material handling, for the operations in Malaysia and ASEAN territories.



MultiCrane Industries Sdn Bhd is a leading material handling equipment manufacturer of overhead travelling crane, gantry crane, double girder crane, NOMAD crane, slewing jib crane, underhung travelling crane and goods hoist since its incorporation in 2001 with activities of engineering services as manufacturer, fabricator, upgrading, maintenance and servicing for all cranes.



PARTNERING WITH IME

“IME has been a great partner in providing technical support and design related services. We appreciate their tireless support and partnership of near one decade and look forward to exploring new technologies particularly in Industry 4.0 with them.”



TRANSITIONING FROM 2D TO 3D

Due to the increase in customer demand and complexity of projects, 2D sketches pose limitations and affect accuracy and productivity of the company. Implementing SOLIDWORKS transformed the way the team works; engineers are now able to visualise the entire design, focus on design improvements and not having to worry about errors that arise due to the lack of connectivity of data. The linkage between 3D part and drawing is seamless, resulting in also seamless transition from design to manufacturing.

SHORTEN DESIGN CYCLE

Effective management of CAD data also allows the company to configure and re-use designs that are similar for different projects. This enables MultiCrane to manage projects of various sizes and scales effortlessly, from small to large cranes, 3-4 meters to 30-40 meters span.

BEYOND ENGINEERING DESIGN

The benefit of SOLIDWORKS goes beyond engineering designs, it also helps shortening the design and sales cycle. Engineering concepts and mechanisms can be explained to clients easily via 3D simulation and animation. Sales and marketing videos, technical documentations can also be created easily using the same set of CAD data, thus maximising the output of the CAD files.