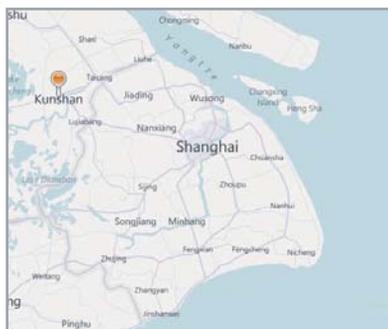


MEITAI Technology Co., Ltd.

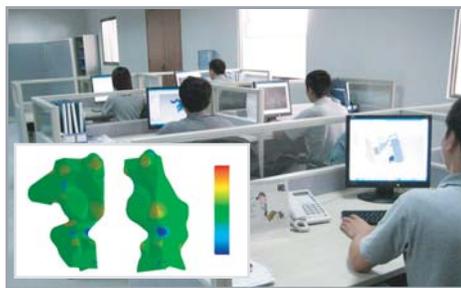
The First User of 3DQuickPress in Suzhou, China



- ▶ City Zhou, Kunshan, 30-min distance from Shanghai



- ▶ Tool Design with 3DQuickPress and advanced CAE



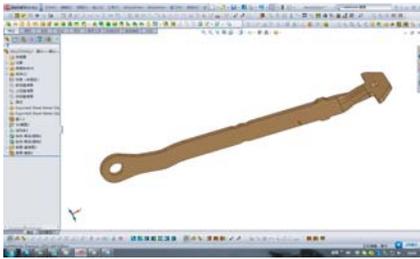
Meitai was incorporated in December, 2005 with floor area of 2,400 sq. meter and over 100 people. Located in City Zhou, a town in Kunshan City of China's Jiangsu Province, Meitai enjoyed the extreme transportation efficiency of City Zhou where is 30 minutes driving distance from Shanghai Hungjao Airport, and 20 minutes from Beijing-Shanghai Railway and Shang-Lin Super Highway. Meitai, together with other multinational corporations built up the core manufacturing capacity in precision tooling and communication electronics for City Zhou.

Key products include progressive dies, transfer dies, stage tooling, TOX, inspection gages, fixture and automation facilities. Meitai business covers Japan, USA to Mexico with 90% in automotive parts and 10% in consumer electronics. The company missions are to serve the world with high quality metal tooling, to strive for best quality, and to understand customer's need and exceed the customer's expectation.

In order to excel in the highly competitive China market, choosing the best people and productive tools are crucial. With the strong metal tooling experience and knowing the requirement of time-compression in tooling manufacturing cycle, Meitai started to evaluate the best tool design system in 2008. After an extensive study to many 3D die design systems, the tool design team of Meitai opt for 3DQuickPress based on its unique benefits. Shortening of the tooling production cycle and minimizing trial outs were the key factors in choosing 3DQuickPress.

Meitai began the phase-in of 3D die design in June, 2010. ICT's 3DQuickPress technical manager, Frank Su conducted the training of SolidWorks and 3DQuickPress to a team of three tool designers. The 8 training days provided Meitai with SolidWorks basics, part unfold, strip layout, punch/dieset modeling and drawings. The usage of a very unique

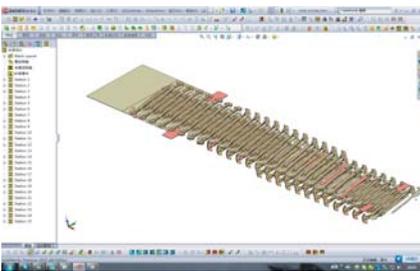
▶ Imported CAD model from other systems



feature Production-Ready-Libraries (PRL) was explained to Meitai how they were able to develop their own automation process for in-house tool design workflow.

Meitai spent two months to experiment their first set of tooling all in 3DQuickPress. Through this exercise, the 3 engineers learnt and achieved much higher productivity in the second set of tooling which turned out to be finished within 2 weeks. This was attained after Meitai invested two weeks to complete their set of frequently used PRL.

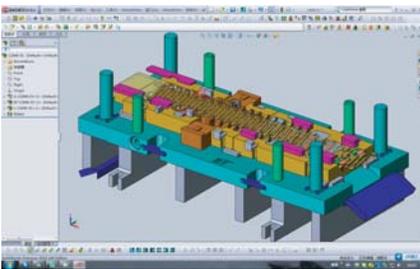
▶ Strip layout design



The use of 3DQuickPress speeds up the current capabilities of Meitai in in-die assembly, tapping, and staking. Additionally, it further strengthens their already strong experience in making tools for difficult steel materials such as high strength steels and stainless steels.

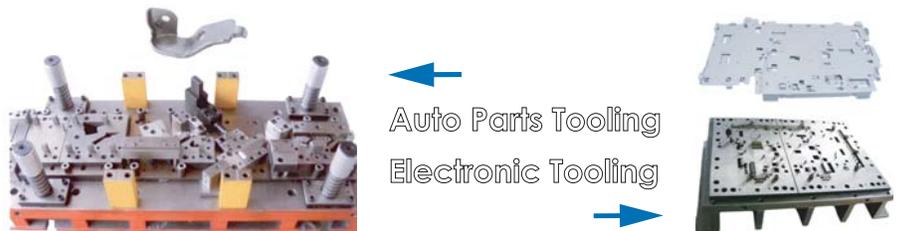
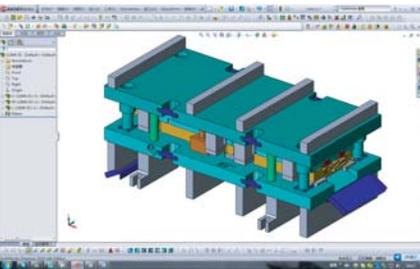
Meitai is applying the most sophisticated CAE tools to work in tandem with 3DQuickPress to develop optimized tooling. It includes DYNAFORM, 3DQuickForm, and AutoForm. The combination of three different CAE tools allows Meitai to come up with the fastest and the best stamping process to minimize the need for many tryouts.

▶ Punch design



Today Meitai are not only equipped with the best tool design solutions and experienced designers. To cope with the growth of global tooling market, Meitai also expanded their business communication talents who master English, Japanese, Spanish and Chinese. Being an ISO 9001 certified company since 2007, almost all key car companies buy their die and services. Apart from auto parts tooling, Meitai also serves key Japanese electronics companies. In 2007, Meitai was granted the membership in US Precision Metalforming Association.

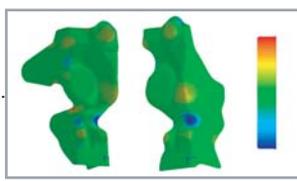
▶ Die set design



Auto Parts Tooling
Electronic Tooling



DESIGN



SIMULATION



MANUFACTURING



TOOL TRIALS



QUALITY



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