CAE

- Sheet Metal Forming : **Z-Stamp**

| About | Case Study | Testimonial | Package |

⊞ About 🖻 🖺 ✉
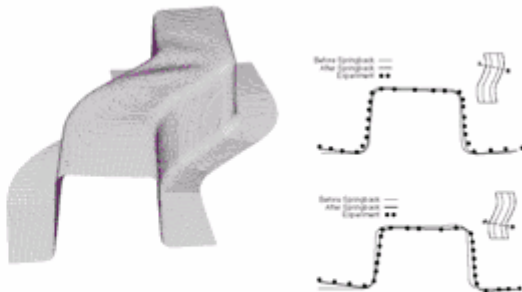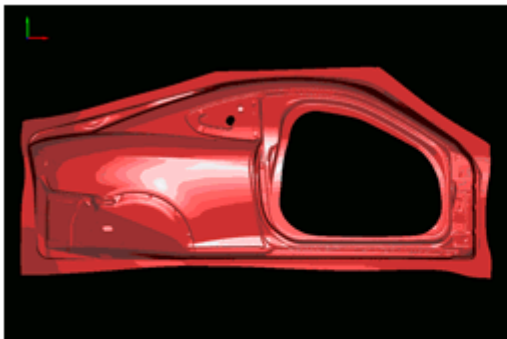
▶ Concept
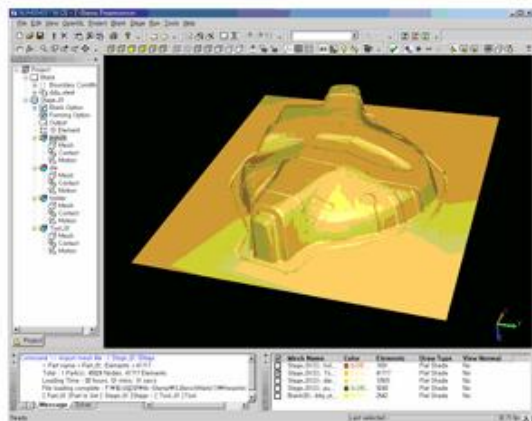
- Z-Stamp is the first sheet metal process CAE System for Windows in Korea, which was Co-developed by University and Cubictek
- Credible Results through Automotive, Press-Die, Electric-Appliance, etc.
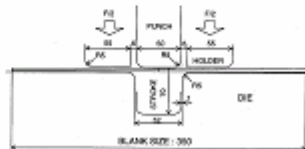

▶ Feature

Forming Analysis Engine

- Strain HardeningNormal Anisotropy
- User-Defined Material DB
- Tailor welded blank analysis
- Thickness, Strain, Stress, FLD analysis
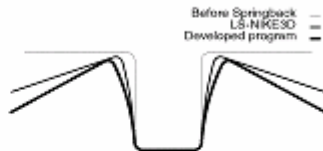
Spring-Back analysis Engine

- The state of the art Spring back Engine
- High speed super Computing Algorithm
- User-defined coordinate system

Pre-Processor

- Analysis Input File Generation
- PC-based OpenGL Interface
- Intuitive Data Input Process using Object Tree
- Mesh Format : Nastran, Pam/Stamp, STL
- Automatic Blank Mesh Generator
- Process Parameter Setup
- Automatic Tool Positioning
- Element Normal Check & Reverse
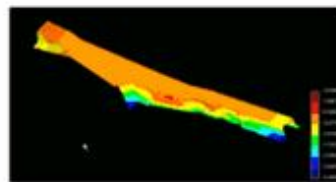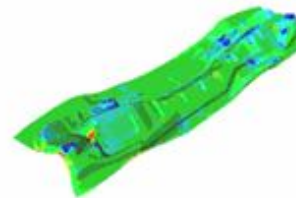- Tool Mesh Offset
- Tool Movement Check
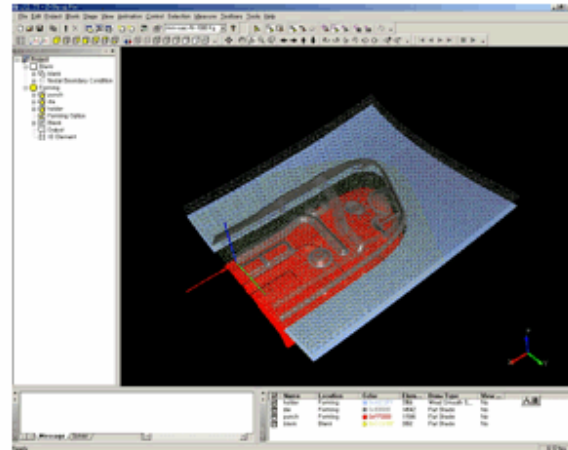
Post-Processor

- PC-based OpenGL Interface
- Contour Plot of Simulation Result
- Time History Graph
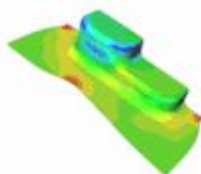- Animation
- Section plot
- Forming limit diagram (FLD)

Fender
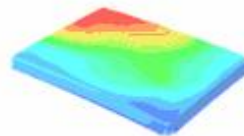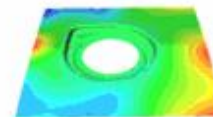

Side Rear Member

Dash-upper (inner panel)

Oil-pan

Shadow mask

Drum washer

▶ System Requirements

	Minimum	Recommendation
CPU	Pentium Ⅲ	Dual Core
MEMORY	512MB	2G
HDD	500MB	10G
GRAPHIC	1024X768	1024X768
VRAM	64MB	128MB
OS	Windows 98 / NT / 2000 / XP	