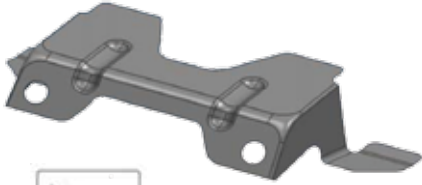


eta/DYNAFORM

THE DIGITAL PRESS: TRYOUT BEFORE TOOLING

BLANK SIZE ENGINEERING (BSE) MODULE FOR



The new BSE module for NX users is a complete tool for accurately estimating Blank Size and generating Blank Nests. BSE optimizes material utilization and outputs reports for quoting and estimating. The BSE module also includes a one-step FEA solver that gives you an early indication of formability through thickness change, forming limit diagram, major and minor strain and much more. BSE is built for cost estimating and evaluating process feasibility.

BLANKING & NESTING MADE EASY

INSIDE THE NX ENVIRONMENT

Provides tool & die makers with an easy to use forming feasibility and cost estimating tool, without leaving the NX environment. No data translation is required.

PART & SURFACE PREPARATION

Split the part top and bottom (inside & outside surfaces) to generate the middle surface automatically. There is an array of helpful functions that fix and fill surface holes and gaps.

AUTO TIPPING

Recommends the best forming position. Auto tip also shows undercut and depth of draw. Manual tip is also available.

BLANK OUTLINE GENERATION

Industry proven blank outline generation from the formed part design.

NESTING

1-up, 2-up, bq pair, mirrored and multiple blank nesting. Material utilization and scrap are calculated & output.

(FEA) FINITE ELEMENT ANALYSIS

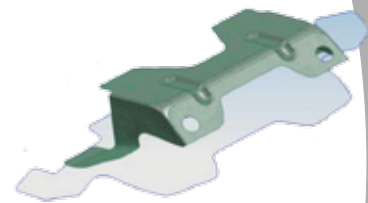
This leading edge one-step solver calculates the forming conditions in minutes. Results include deformation, forming limit diagram, % thinning, % thickening, major and minor strain.

PRESSURE PAD / BINDER / DRAWBEADS

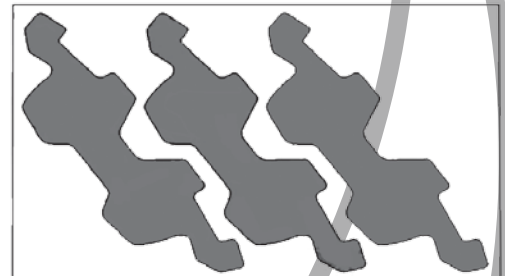
Quickly include pressure pads, binder and drawbeads in your feasibility study.

REPORT GENERATOR

Generates HTML Reports for Blank Nesting and costs.



BLANKING



NESTING



SIMULATION

NETWORK LICENSES AVAILABLE

BLANK, NESTING AND FORMING SIMULATION DONE IN MINUTES.



Engineering Technology Associates, Inc. • 1133 E. Maple Road • Troy, MI 48083
Phone: (248) 729-3010 • Fax: (248) 729-3020 • www.eta.com • www.dynaform.com