INTEGRATED NESTING SOLUTION FOR MECHANIZED CUTTING

UltraNest Software

KEY FEATURES

UltraNest™ Nesting Software is a simple and intuitive nesting software solution for mechanized cutting applications that use a Burny® Controller. UltraNest is embedded in the Burny controller software and can be operated using the touch-screen interface through wizard-based prompts. UltraNest allows the operator to make basic edits to the part geometry and modify lead-in and lead-outs. UltraNest software works seamlessly with the Burny 8 software allowing the operator to apply UltraSharp® Hole Technology to parts created from the standard shape library.

- Easy Programming with wizard-based prompts using the touchscreen interface
- Advanced Nesting for optimized plate utilization including part-in-part placement
- Automatic Tool Path Generation
- UltraSharp Hole Cutting Technology
- Remnant Nesting

Product Number»

X44-32426-18S

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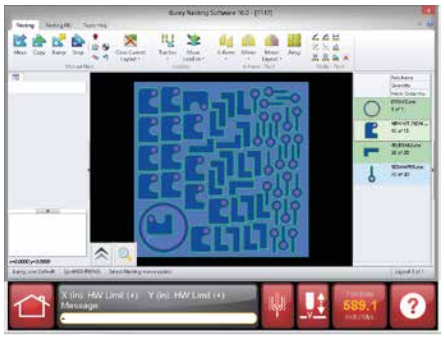
LINCOLN ELECTRIC Cutting Solutions



Advanced Nesting using UltraNest

Task Parameters Screen

UltraNest Boot-up Screen in Burny 8

BENEFITS

- Increases plate efficiency and reduces individual part cost
- Reduces remnant inventory by giving the operator the ability to trace remnants and nest parts into partially used plates
- UltraNest provides the ability to use UltraSharp Hole Technology that supports 3/4:1 bolt-quality holes for carbon steel and 1:1 bolt-quality holes for stainless steel †.
- Automatic toolpath generation and NC code generation
- Operator can add custom plate sizes and save them for later use
- Part geometries can be created using any offline SigmaNest® software package
- Users can customize all job settings including material type, thickness and amperage; sheet quantity, length and width, part clearance, edge distance, grain settings, torch quantity and spacing and minimum torch distance.
- Simple and Intuitive to use; easy to learn

† Limited material thicknesses available

TOOL PATH CREATION

Users can customize the toolpath for each task by entering preferences for -

- Block size
- Sort method (typewriter or zig-zag)
- Path direction
- Kerf - in control or computer
- Kerf look-up option
- Kerf radius and diameter

PART NUMBERS

Software Options	
X44-32426-18S	UltraNest Software
X44-32426-17S	UltraNest Remnant Nesting
X44-32426-18	†UltraSharp Hole Technology with 3/4:1 MS and 1:1 SS

† X44-32426-18 requires the purchase of X44-32426-18S

AVAILABLE ON BURNY CONTROLLERS WITH BURNY 8 SOFTWARE

Burny Phantom® II and Phantom® ST II

Burny 10LCD Plus™

Burny Dagger® NC

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