

MPS Saves 38% on Machine Cutting

Paul Chocklett at MPS has reported P.E.P.'s advanced common cutting called Combine Cutting is saving...

- 12.5% on material
- 38% on their Omax Waterjet machine cutting costs.

Where the Material Savings are coming from...

By nesting the parts at kerf, P.E.P. Technology's Automatic Combine Cutting fit the job below onto one sheet of expensive plastic. Before they had P.E.P.'s software to automatically combine cut their parts, it took 1.125 sheets to nest the parts. This was a 12.5 % savings in material. **Do you cut expensive material?**

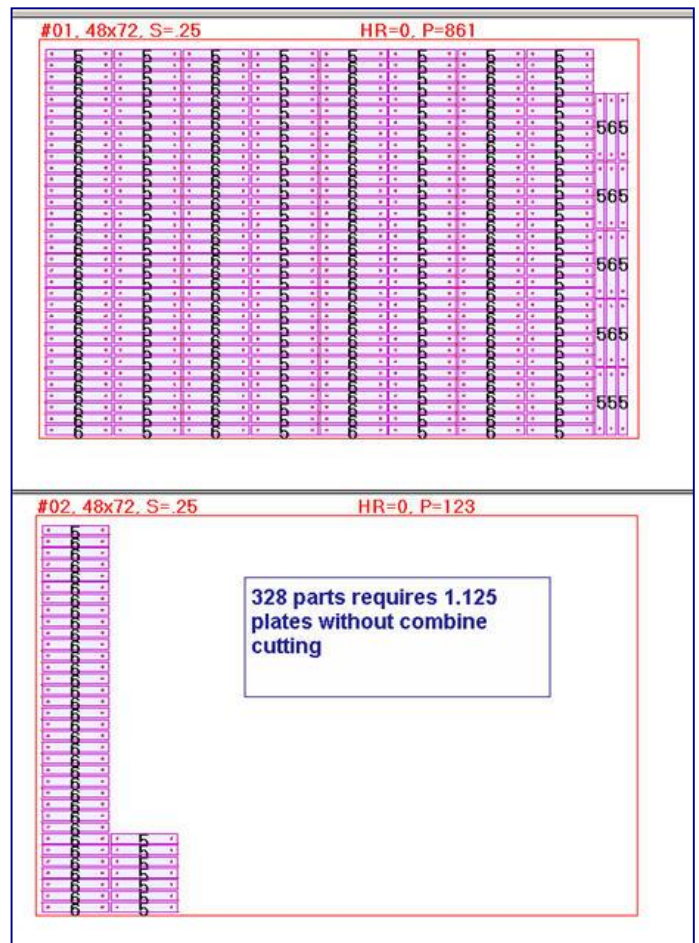
Shorter Cutting Distance = Faster Production

| | Inches cut | Speed (IPM) | Time (Minutes) |
|--------------------|---------------|-------------|----------------|
| Before Combine cut | 6,725 | 90 | 74.72 |
| After Combine cut | 4,169 | 90 | 46.32 |
| Savings | 2,556 | - | 28.40 |
| % Savings | 38.01% | - | 38.01% |

How many common cut type parts do you cut?

How slowly does your waterjet have to cut?

What would a 38% increase mean to your bottom line?



| Drawing | Revision | Qty / Req | Loops (D1) | Part | Auto Combine cutting fit all 328 parts onto 1 plate |
|-----------|----------|-----------|------------|------|---|
| D122103-3 | | 328 / 328 | 4 | 0.00 | |

POSTED FILES: -, 10-25-06, P01 Size: 159876
 Plate #01, 48x70, Spacing= 25 Total CPT head raises=312, Normal pierces=976

A Conversation with Paul Chocklett

1. What is your title? **Programming Engineer**
2. What are you responsible for? **Fabrication Department**
3. How long has MPS been operating cutting machines? **6 years**
4. How many Waterjets are you responsible for? **1 waterjet**
5. How many years of experience does the most experienced programmer have? **7 years**
6. How many years of CAD experience does the most experienced programmer have? **5 years**
7. How will this help your sales? **We now have much more manufacturing flexibility for more sales.**