

P.E.P. TECHNOLOGY[®]

Tomorrow's Automated Manufacturing Technology Today!

P.E.P. PART SEQUENCING – PUNCH APPLICATION

The “30 minute” job discussed below was completed in 5 minutes using P.E.P

The P.E.P. PUNCH SEQUENCING routine saves Streator Dependable time and money, again and again. The interview with Dale Summers talks about jobs that previously took up to 30 minutes that are now being done with P.E.P. in 5! The automation in PEP is the difference: CAD files converted & corrected, tools assigned, sequencing done - All automatically!

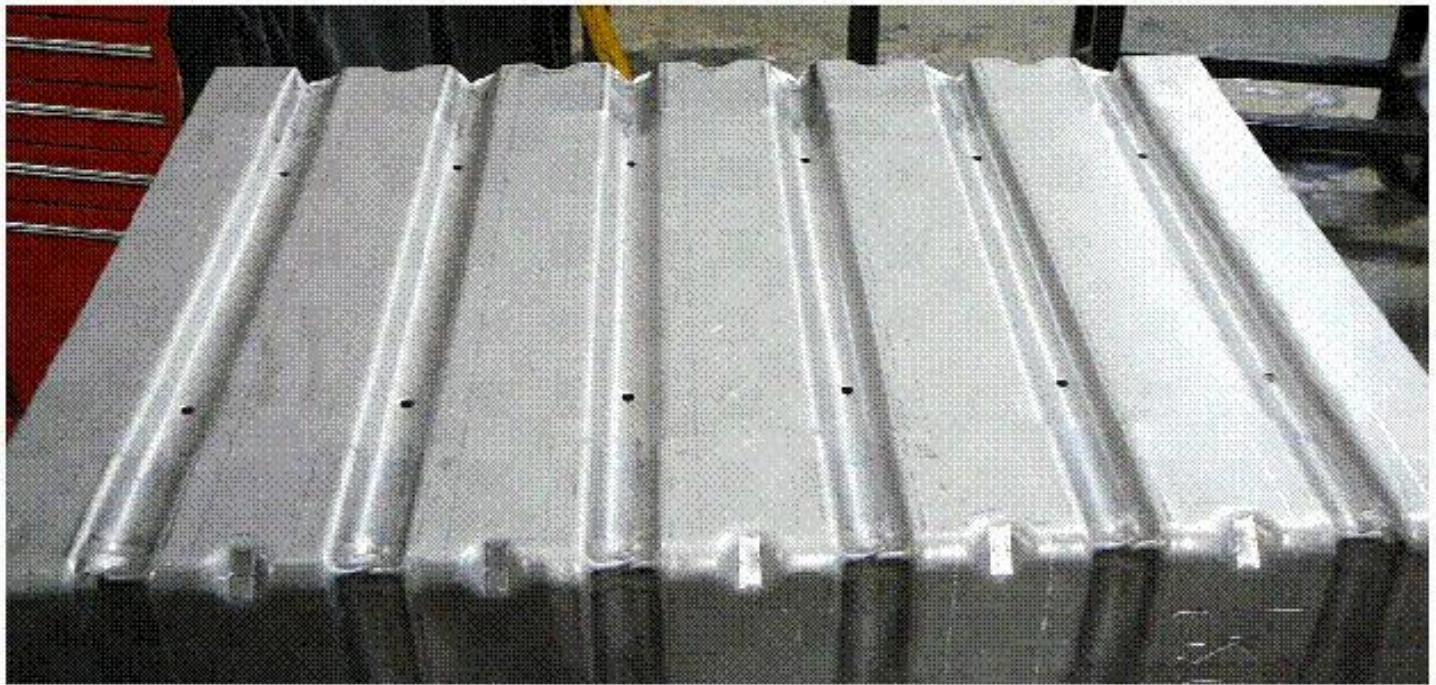
Customer: Streator Dependable

Contact: Dale Summers

Former Software: Metalsoft

File: PINPALLET.dxf

Process → P.E.P. converted, nested, and sequenced the parts in 10 minutes



Process: →Metalsoft required 30 minutes to DRAW, convert, sequence, nest and tool the parts.

AN INTERVIEW WITH Dale Summers @ Streator Dependable.

1. What is your title? **Laser / Punch Programmer**
2. What are you responsible for? **Fabrication Department**
3. How long has Streator been operating cutting machines? **12 years**
4. How many lasers / punches are you responsible for? **1 laser / 1 punch**
5. How many years of experience does the most experienced programmer have? **15 years.**
6. How many years of CAD experience does the most experienced programmer have? **5 years**
7. How long would it have taken for you to program this part in Metalsoft? **The approximate programming time is 30 minutes through Metalsoft.**
8. How has this feature affected business? **We can easily program and change existing programs with P.E.P. When using Metalsoft, we could not even import the DXF file. Every engineering change had to be re-drawn through a**

cumbersome Metalsoft interface. Using P.E.P. we just import the new DXF, nest and tool the plate. I foresee less scrap, and parts being correct the first time resulting in more on time deliveries and more up time at the punch.

9. What is the time difference now that you are using P.E.P. for the Wiedemann 4560? **The average programming time in the P.E.P. punch module is 5 minutes, when using Metalsoft it took me 15 minutes.**
10. Dale noted that before PEP Punching, he was the only one who could program for the punch. They now have a backup programmer. Previously, if Dale was not there to program the Weidemann, the required part could not be run that day. Now, because PEP automates so many of the tasks, it is easy to train a backup punch programmer.
11. Dale commented many times on the benefits of using one software package for his Cincinnati CL707 Laser and Wiedemann 4560 punching machine. If one machine is down for maintenance, or just too busy, production is quickly shifted to the other.