

# SMW acquires MAZAK PALLETECH System

Southern Machine Works (SMW) is pleased to announce implementation of a MAZAK PALLETECH System. Offering amazing production flexibility, our PALLETECH system brings high levels of efficiency to high-mix, low-volume production as well as high-volume operations. The PALLETECH System adds advanced pre-engineered automation and 24-hour "lights out" machining capability to our facility.

With our PALLETECH Manufacturing Cell controller software, managed over standard PCs and networks, shop management can monitor operations, view and change schedules on-the-fly, manage part program files from anywhere on the network, track tool life/breakage and issue instructions to the shop floor. Users are able to interrupt a planned machining queue and produce an emergency part with no cost penalty.



A few of the many benefits are:

- Scalability: add or remove machining centers as needed. Run a combination of horizontal and vertical machining centers, and 5-axis machining centers too.
- Multi-sided tombstone/pallet setups are robotically moved between machining centers to maximize the strength or speed of each machining center within the system.
- The tombstone/pallet setups can be quickly reconfigured allowing for fast changeovers that allow us to break into production to run prototype or small run jobs; and then quickly changeover to run production again.
- Job programs are electronically stored in the main console and are easily directed to the needed machining center with ease; no need to manually load the programs each time.
- "Lights out" automated machining for round-the-clock production.

By using this automated solution, we maximize speed and efficiency with high quality. The increased time savings are passed on to our customers in the form of attractively priced high-quality parts. Please reach out and let us put this workhorse to work on your next parts order.



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