

PALM TECHNOLOGY, INC.



TANKS

Palm Technology is the leading manufacturer of thermoplastic tanks in North America. We engineer and fabricate tanks in house in our modern 25,000 sq foot facility located in Nashville, TN. Palm matches the application to the material. Materials of construction include homo and co-polymer polypropylene, PVC, CPVC and Kynar® as well as steel and stainless steel. Palm can build a single tank or an entire process line.

Palm welders are trained to the European DVS standards for plastic welding and we use the latest plastic fabrication equipment available allowing us to fabricate a robust tank that is built to last.

Plastic tanks are cut out on a CNC router. Cut files are downloaded directly to the router eliminating measurement errors. The CNC router makes extremely accurate cuts allowing for complex designs and minimizing scrap.

Plastic sheets are joined on a Wegener CNC butt fusion welder. A fusion welder heats the entire edge of the plastic and then hydraulically presses the edges together to create a fusion bond across the entire depth of the weld. Traditional hand welding techniques only penetrate and fuse a few millimeters into the plastic. For cylindrical tanks, Palm can roll and butt weld polypropylene sheet 1/8" thick in a 16" diameter up to 1 1/4" thick in a 13-ft diameter.

When the chemistry requires, Palm can supply 304 or 316 stainless steel tanks as well as mild steel tanks. The stainless tanks are finished with a smooth, reflective, gray sheen and are custom built for the application.

Palm Technology finishes tanks with a wide range of instrumentation. Our tanks have customized guarding to prevent damage to sensors, heaters, and coils. Contact Palm Technology for your next project and put our expertise and experience to work for you.

