

GASKET FABRICATION SERVICES

San Diego Seal, Inc. is your one-stop shop for the fabrication and manufacture of your custom gaskets and custom seals. Every year our in-house manufacturing capabilities increase. Our modern facility houses the latest technology to provide you seal and gasket fabrication services that support our 35+ year reputation of excellence and commitment to superior customer satisfaction.

Different gasket materials or a specific application may dictate the best process for fabricating your gasket.

- Die Cutting
- Water Jet Cutting
- Flash Cutting
- Laser Cutting
- Hand Cutting
- Slitting

Full Engineering Support

As an additional service, our engineering department will ensure full accuracy in the reverse engineering of your sample parts.

Quality Assurance

San Diego Seal, Inc. is a performance driven organization. We recognize our responsibility as your supplier and partner to provide you with the highest possible value for the fabricated gaskets and seals SDSI supplies to you. Our only focus is your complete satisfaction in every step of the process. From inquiry to invoice, you will experience our focus on quality. A single point person will be assigned to your project to answer your questions and coordinate a team of experts to ensure on-time delivery of accurate, high precision parts. You should expect nothing less from your gasket fabricator.



TYPES OF GASKET FABRICATION PROCESSES OFFERED BY SAN DIEGO SEAL, INC.

STEEL RULE DIE CUTTING

ADVANTAGES OF STEEL RULE DIE CUTTING

- Low Tooling Cost
- Fabricate from wide range of exotic materials.
- Tight Tolerances of up to $\pm .0005$.
- Large and small run quantities.
- Large volume of on-hand material means reduced lead times.
- Used on Traveling Head and Clicker Presses



TRAVELING HEAD PRESS



CLICKER



STEEL RULE DIES

WATER JET CUTTING

ADVANTAGES OF WATER JET CUTTING

- Avoids heat and stress of the material, ensuring the highest structural integrity
- No tooling cost
- Clean cuts with high tolerances
- Cutting material too thick to cut by means of die cutting
- Quick turnarounds
- Nested cutting arrangements for better material yield
- Cuts materials that laser cutting cannot
- Prototyping parts to later be die cut in volume production



WATER JET CUTTER



OSCILLATING KNIFE CNC CUTTING

ADVANTAGES OF OSCILLATING KNIFE CNC CUTTER

- Eliminate cutting dies and related problems & costs
- Increase production flexibility
- Reduce time to market-design a component and produce it within seconds
- Rapid prototyping, samples & pre-production runs
- Short, medium runs & 1 off production is viable
- Material savings and reduced scrap rate
- Shapes are either simple or too complex for die cutting
- No cutting by hand or with templates
- CAD system used to design patterns

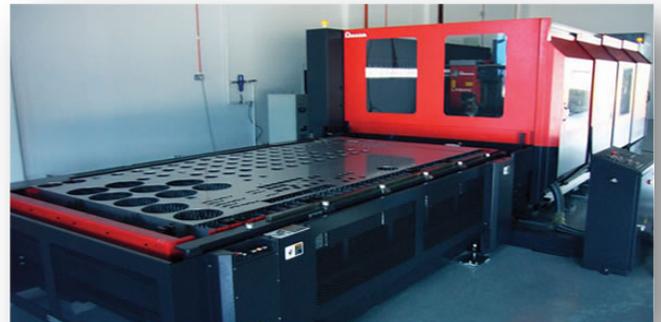


**OSCILLATING KNIFE CNC CUTTER
"FLASHCUT"**

LASER CUTTING

ADVANTAGES OF LASER CUTTING

- Cleaner and more precise
- Able to high-volume projects completed in a timely manner.
- CAD Programming
- Able to cut harder materials



LASER CUTTER

OTHER TYPES OF GASKET FABRICATING SAN DIEGO SEAL, INC. OFFERS



HAND CUTTING



SLITTING