



SPARKMAN INDUSTRIES INC

Since 1976, Sparkman Industries, Inc. (SI) has provided machining, fabrication, and repair services to sectors like oil, gas, marine, medical, ASME U, NBBI R, aerospace, and petrochemical. Our mission is to deliver high-quality, reliable services tailored to our clients' needs. Our 18,000 ft² facility near Victoria Regional Airport offers easy access to major Texas cities and the Victoria Barge Canal. In addition to our core services, SI specializes in the inspection, testing, and maintenance of DOT and UN portable tanks and intermediate bulk containers, adhering to the stringent Hazardous Materials Regulations (49 CFR 180).

MACHINE SHOP

Precision-turned product machining – Key Features include:

- **Five-axis CNC machining** of carbon steel, alloy steel, aluminum, and composite products.
- Machining Capabilities:
 - *CNC 5-Axis Multi-tasking Machining Center(s):*
 - Mazak – **INTEGREX i-350H**
 - Mazak – **INTEGREX i-200H ***COMING SOON!*****
 - *CNC Vertical Mill(s):*
 - Mazak – **VTC-250D/50**
 - Mazak – **VTC-200/50**
 - Mazak – **VC-Ez 20**
 - *CNC Lathe(s):*
 - Mazak – **Slant Turn 60N**
 - Mazak – **Slant Turn 450**
 - *Conventional Lathe(s):*
 - Kingston – **HP3000**
 - *Conventional Mill(s):*
 - Alliant – **NC Vertical Mill**
 - Bridgeport – **NC Vertical**
 - *Keycutting:* D.C. Morrison – **Keyseater**
 - *Saws:* Vanguard – **Horizontal Band Saw**
 - *See below for full details on machining equipment capabilities.*
- In-house AutoCAD drafting for engineering drawings.
- Relationships with professional engineers for projects requiring a P.E. stamp.

FABRICATION SHOP

Fabricated metal product manufacturing, including:

- ASME “U” Certificate: for construction of new pressure vessels (carbon steel and stainless steel) in accordance with ASME Code (Section VIII, Division 1).
- NBBI “R” Certificate: for repairs and alterations to metallic items in accordance with the National Board Inspection Code and applicable jurisdictional requirements.
- Marine/offshore equipment per Det Norske Veritas (DNV) standards.
- Custom fabrication of metal products of various sizes and materials.
- Custom skid fabrication; including equipment placement and alignment.
- Weld build-up for final machining.
- 40-ton overhead crane capacity with 25 ft. hook height.

REPAIR SHOP

Industrial machinery and equipment repair services, including disassembly, cleaning, repair and overhaul of all types of rotating equipment, gearboxes, and pumps, both in plant and in the field.



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CNC 5-AXIS MULTI-TASKING MACHINING CENTER(S)

Mazak – INTEGREX i-350H

[MAZATROL SmoothAi](#)

Swing over bed:	26.0 in
Swing over carriage:	26.0 in
Distance between centers:	62.0 in
Spindle bore:	3.0 in
X Travel:	27.0 in
Y Travel:	12.0 in
Z Travel:	62.0 in
B Travel:	230 deg.
C Travel:	360 deg.
Turning Spindle:	35 to 4,000 rpm
Milling Spindle:	35 to 12,000 rpm

[Full Spec List Here](#)

Mazak – INTEGREX i-200H **COMING SOON!******

[MAZATROL SmoothAi](#)

Swing over bed:	23.0 in
Swing over carriage:	23.0 in
Distance between centers:	25.0 in
Spindle bore:	3.0 in
X Travel:	21.0 in
Y Travel:	8.0 in
Z Travel:	25.0 in
B Travel:	230 deg.
C Travel:	360 deg.
Turning Spindle:	35 to 5,000 rpm
Milling Spindle:	35 to 12,000 rpm

[Full Spec List Here](#)

CNC VERTICAL MILLING CENTER(S)

Mazak – VTC-250D/50

[MAZATROL Matrix Nexus 2](#)

Spindle:	6,000 rpm
Table travel (x):	69.3 in
Cross feed travel (y):	25.0 in
Vertical travel (z):	26.0 in
Rotary Table:	12 in x 4 in hole
Table load capacity:	2,491 lbs.
Table size:	25.0 in x 83.0 in

Mazak – VTC-200/50

[MAZATROL 640 Fusion](#)

Spindle:	6,000 rpm
Table travel (x):	44.1 in
Cross feed travel (y):	20.0 in
Vertical travel (z):	20.0 in
Rotary Table:	12 in x 4 in hole
Table load capacity:	1,760 lbs.
Table size:	20.0 x 57.0 in

Mazak – VC-Ez 20

Spindle:	12,000 rpm
Table travel (x):	41.34 in
Table travel (y):	20.08 in
Table travel (z):	25.00 in
Table load capacity:	2,204 lbs.
Table size:	42.91 in x 19.37 in

[Full Spec List Here](#)

CNC LATHE(S)

Mazak – Slant Turn 60N

[MAZATROL 640 Fusion](#)

Swing over bed:	36.0 in
Swing over carriage:	26.0 in
Distance between centers:	80.0 in
Spindle bore:	6.5 in

Mazak – Slant Turn 450

[MAZATROL 640 Fusion](#)

Swing over bed:	26.0 in
Swing over carriage:	22.0 in
Distance between centers:	42.0 in
Spindle bore:	3.5 in

CONVENTIONAL LATHE(S)

Kingston – HR3000

Swing over bed:	34.0 in
Swing over carriage:	25.1 in
Swing in gap:	45.6 in
Distance between centers:	120.0 in
Spindle bore:	4.0 in
Two-axis digital readout	

CONVENTIONAL MILL(S)

Alliant – NC Vertical Mill

Table travel (x):	25.5 in
Cross feed travel (y):	12.0 in
Vertical travel (z):	16.0 in
Table load capacity:	750 lbs.
Table size:	9.0 in x 42.0 in
Three-axis digital readout	

Bridgeport – Vertical Mill

Table travel (x):	30.0 in
Cross feed travel (y):	11.0 in
Vertical travel (z):	16.0 in
Table load capacity:	750 lbs.
Table size:	9.0 in x 48.0 in
Three-axis digital readout	

KEYCUTTING

D.C. Morrison – Keyseater

Maximum keyway width:	1.50 in
Maximum keyway length:	9.0 in
Table load capacity:	1500 lbs.
Table size:	24.0 in x 27.0 in

SAW(S)

Vanguard – Horizontal Band Saw

Round capacity:	11.0 in
Flat capacity:	14.0 in
Rectangular capacity:	8.0 in x 14.0 in