



VENANGO

Contract Machining

- Blanchard & Surface Grinding
- Gundrilling
- Large Scale Machining





VENANGO

Contract Machining

Venango is a full service contract manufacturer dedicated to servicing the complete machining needs of customers throughout eastern United States. Our reputation for quality machining upholds a Venango tradition of excellence in rotary and surface grinding, deep hole drilling, planer milling and horizontal boring. The quality of our service is reflected in the lasting client relationships we have generated since 1954. Our promise to you is superior work, good value and on-time delivery...on-budget.

This brochure describes our contract machining services. Out-sourcing machining work offers excellent product quality and reasonable pricing with pick-up and delivery directly to your facility.

If we can be of service, no matter the size or scope of the project, please call our Customer Service Department...814.739.2211 or visit our plant located in Wattsburg, PA.



Cut to Order

Two large oxyfuel and high definition plasma tables can process sheet steel measuring 120" wide x 520" long and weighing up to 40,000 lbs.

Our fleet of trucks are at your service for pick-up and delivery as needed.



Grinding

Blanchard or rotary grinding removes large amounts of surface stock providing excellent flatness and parallelism with a quality finish. Our rotary grinding facilities include a 72" rotary table accommodating an 84" swing and 22" height.

Our Supertec horizontal surface grinder provides precision flatness and parallelism as well as a smooth finish. Venango's surface grinder accommodates parts as large as 80 inches in width, 118 inches length and 18 inches in height.

For a quote on your grinding needs, please call 814.739.2211.

Rotary Grinding:

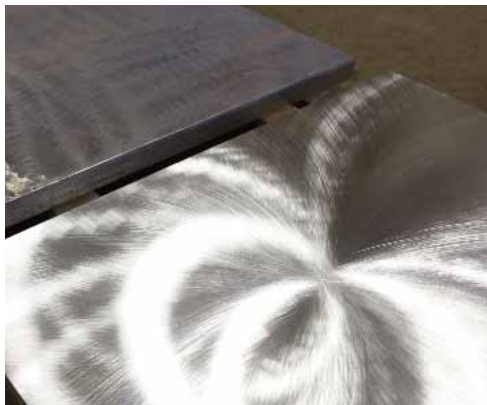
- 72" Rotary Table
- 84" Swing
- 22" Height

Surface Grinding:

- 80" Width
- 118" Length
- 18" Height



Blanchard Grinding
High horsepower rotary grinders quickly and efficiently remove large amounts of stock.



Blanchard grinding removes large amounts of metal, normally leaving a cross-hatched surface finish.



Surface grinding provides a precision surface finish while maintaining superior flatness to close tolerances.



Horizontal surface grinding maintains precision ground finishes on parts up to 10' long.

Deep Hole Drilling

Deep hole drilling is a unique process requiring special tools to produce long and accurate holes with a smooth finish. Venango is capable of drilling holes with diameters ranging from 1/4 inch to 2 inches and up to 20 feet in length in most materials.

Venango offers high quality and quick turnaround.

For a quote on your drilling needs, please call 814.739.2211.

Deep Hole Drilling

- Depth limit- 20'
- Diameters -1/4" to 2"



Deep Hole Drilling

Gundrilling of long shafts or large plates, as shown above, is a specialty at Venango.



Venango specializes in parts of all sizes and shapes. These gundrilled plates are being cross drilled for heating and cooling applications.



This deep hole gundrill machine can drill steel bar, plates or shapes up to 2 inches in diameter and 20 feet in length.



The part shown above is a typical application of gundrilling. Holes are drilled in both directions reaching 18 feet.

Milling

Venango offers a wide range of precision milling machines: Planer mills, CNC and manual horizontal boring mills up to 84 inches wide x 22 feet long.

Our experienced craftsmen routinely mill precision base plates, platens, fixtures, virtually any operation requiring planer milling, boring, drilling, slotting and keyway cutting.

If you require precise milling as part of your machining project, please call 814.739.2211.

Planer Milling:

- 84" x 22' Capacity

Horizontal Milling:

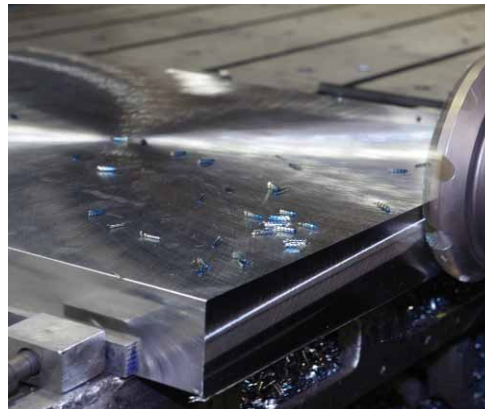
- 73" x 168" Capacity



Horizontal Milling
This horizontal ground boring machine is creating a series of slots in a large steel part.



Achieve close tolerance, flatness and parallelism through surface milling for parts up to 168" wide x 264" long.



Edge milling squares your plates on four sides to specific tolerances.



12" cutter allows fine blends to achieve close flatness and parallelism tolerances.

Machinery & Equipment

Cranes

- (2) 10 ton
- (4) 5 ton
- (2) 2 ton

Gundrill

Capable of drilling mild steel, stainless steel, aluminum, copper and most other alloys. Depth limit of 20' with diameters of 1/4" to 2"

- (1) High-speed twin spindle BTA
- (4) Conventional gundrills with vertical travel and digital readout
- (1) Horizontal twist drill
- (1) Radial arm drill

Grinders/Planer Mills

- (2) Rotary blanchard grinders, 72" rotary table (84" swing)
- (2) Planer mills, piece capacity 82" x 22' x 15' with 30 and 50 H.P. rail and side heads
- (1) Supertec surface grinder, 40" x 118" table (up to 80" wide with blend)

Horizontal Boring/Milling

- (2) CNC horizontal boring mills: one with 4" and one with 5" spindle
- (1) 5" Giddings and Lewis horizontal boring mill, table size: 73" x 168" w/DRO
- (1) Manual horizontal boring mill with 4" spindle w/DRO

Welding

- Wire Feed and Stick Electrode Welders
- Mig, Tig and Fluxcore

Delivery Service

- (1) 15' flat 18,000 G.V.W capacity
- (1) 1 1/2 ton stake

Testing Facilities

- Hydrostatic Testing
- Flow Testing Facilities

Large Scale Machining Capability



Custom Engineering
www.CustomEng.com

Precision Machining Capability



Lamjen, Inc.
www.Lamjen.com



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