



CUSTOM FLIGHT

CUSTOM CONVEYOR SCREWS & FLIGHT

WITH PENGO, YOU HAVE IT MADE

Regardless of materials being moved, the dependability of your conveyor screw is a critical element in keeping your materials, production, and profits moving.

At Pengo we have the expertise to take raw stock and turn it to the correct helical configuration to exactly meet your specifications. Our flame and plasma cutting, welding, forming, and sawing capabilities enable us to work materials to your specifications. With having a manual and CNC turning and milling services means we can fabricate virtually any screw or auger you require.

- Flame and plasma cutting on stock up to 4" thick
- Punching and notching
- Hard surfaced or machined OD's; OEM & replacement
- Small or large dimension drilling
- Plate and sheet shearing up to ½" thick
- Milling up to 33" x 82" CNC
- Press brake forming up to 200 tons
- Short & long run production work
- Sawing of stock up to 18" thick
- Fabricated steel plate assemblies
- Milling & turning up to 24" x 240"
- VTL & boring mill capabilities

Pengo custom fabricates conveyor screws in a variety of materials, including, but not limited to:

- Stainless steel (most alloys)
- Monel steel (corrosion resistant)
- Carbon steel (most alloys)
- Inconel steel (corrosion resistant)
- Abrasion Resistant (AR) steel
- Bronze
- T-1 steel (impact/AR)
- Aluminum
- 11-14% Manganese steel (work hardening)

Simplify Your Supply Needs with Pengo Versatility!



Our complete, in-house hard facing applied to shaft outside diameter and flighting provides extended wear life.

We've supplied helicoid, centerless, and sectional conveyor screws and flighting, pharmaceutical, chemical, mining, aggregate industrial applications, and material handling original equipment manufactures for over seventy years.

EXTENSIONS | Cost-Effective Solutions with Pengo

Ground and polished to your specifications, your Pengo conveyor screws assure optimum material movement in your continuous or batch processing operations in mixing, agitating, spreading or material conveying applications. Solid, or tubular, continuous or sectional, with Pengo you can trust your conveyor screw will fit into your process system perfectly, with time-saving ease.



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PENGO ASSURED PERFORMANCE

That's why Pengo is so important to you. Pengo supplies custom designed conveyor screws, heavy-duty helical or sectional flighting on demand to original equipment manufacturers and after-market end users. Everything built to your specifications. For more than 70 years, we've been a recognized leader in the conveyor screw manufacturing industry. This is know-how in which you can be confident. Pengo exceeds industry tolerances and meets your particular specifications perfectly. We work for speedy delivery and easy installation to help keep your production up and running.

PENGO METALWORKING HERITAGE

From very small designs to move the most delicate, flowable products, to very large screws to literally move mountains of bulk materials, Pengo brings a corporate metalworking history that reaches all the way back to 1878. Fabrication, conveyor screws, augers and flighting for more than seven decades, Pengo's history testifies to the reliability and long-life performance of Pengo products for our customers.

CONTROLLED COST MEASURES

No one knows how bulk materials have to move through your process better than you. Better than anyone, you know exactly the tolerances necessary to achieve optimum performance for every application.

At Pengo, our manufacturing practices meet or exceed industry required codes, standards and tolerances. We build to your supplied specifications, using your designated materials of manufacture, to help expedite fabrication and speed delivery of a finished part that fits perfectly into your machine. This helps avoid heavy engineering costs other manufactures may add on. You and your cash flow are protected.

PROTECT YOUR PRODUCTION PROCESS WITH PENGO QUALITY MANAGEMENT

Quality control is second nature to Pengo conveyor screw manufacturing. We place emphasis on in-process inspection capabilities. Also, Pengo welders are AWS-certified. If your current conveyor screw supplier doesn't measure up to these quality inspection standards, you're not getting your money's worth in quality conveyor screws and parts.

Our inspection tools/measures include:

- Inspection Grade 4' x 6' Granite Plate
- Gage Master Optical Comparitor Series Twenty with GM5 control
- Federal Profilometer

MISCELLANEOUS INSPECTION GAUGING INCLUDES:

- Standard gage block sets
- Bore gages to 24"
- Height gages to 24"
- Mitutoyo Height Stand with digital readout
- Thread Micrometers and Gages
- Micrometers – ID and OD to 24"
- Verniers to 80"
- Thread & Plug Gages



Reinforced support stanchions installed to reliably hold ribbon flighting.

Conveyor screw is ground and polished to meet customer requirements.

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