Company and Manufacturing Capabilities

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SSP manufactures helical piles, related components, helical flights and custom screw shafts in China, with Canadian engineering support. We help specialist pile companies, distributors and project teams turn drawings and product requirements into manufactured steel components.

Who we support

Customer	Manufacturing support
Helical pile companies and distributors	OEM and custom manufacturing, customer branding, product details and repeat supply.
Foundation contractors and EPCs	Supply to approved drawings, coordination of pile components, inspection documents and delivery.
Project developers and owners	Initial product discussions and manufacturing input for review by the appointed project team.

Manufacturing scope

- Round shaft helical pile lead sections and extensions.
- Helical anchors, pile caps, brackets, couplings and custom connection parts.
- Custom helical flights and fabricated screw or auger shafts.
- Fabrication, welding, assembly, surface treatment, identification and packaging to the agreed order requirements.

Our production is based in China. Product geometry, materials, welding details, inspection requirements and coating specifications are agreed before manufacture.

Engineering collaboration and order delivery

Our Canadian engineering team can participate in product selection discussions, production drawing development, manufacturability reviews, connection interfaces and material or fabrication questions. Installation equipment selection and general installation guidance can also be discussed where required.

A practical route from enquiry to supply

Stage	What we agree with your team
1 Share requirements	Drawings or reference details, quantities, application, delivery destination and required date.
2 Review the product	Geometry, materials, interfaces, coating, quality documentation and any missing technical inputs.
3 Confirm the order	Commercial scope, approved drawing revision, inspection plan and packaging requirements.
4 Manufacture and inspect	Production and inspection to the agreed requirements, with traceable records within the order scope.
5 Pack and deliver	Identification, packing list, agreed quality documents and shipment coordination.

Working with your brand and project team

OEM supply can include customer-approved marking, packaging and documentation. We respect customer drawings, confidential information and commercial relationships. Changes affecting fit, performance or acceptance are referred to the customer for approval.

The customer and its appointed professionals retain responsibility for final project design, local engineering approval and site execution. Any calculation or design-support submission is provided within its agreed scope and review status.

Start a manufacturing discussion

Send your drawings, quantities and delivery requirements to ryanzhang@ssppile.com. If you need help defining the product, include the project location, application, loads and available ground information.