

XINHENGDA

SCULPTURE ART

Foundation and Installation Checklist

What to confirm before delivery day so a finished sculpture does not wait on site

The base plate and the anchor pattern cause more delay on site than anything else, and they are the easiest part to settle in advance. Work through the checklist at the back before the piece is dispatched.

- Minimum order: 1 piece across the whole range
- Size: set from your drawing or from the dimensions of the space
- Materials: stainless steel, bronze, weathering steel, iron, fiberglass, resin
- Workshop: 12,000 square metres in Pingshan District, Shenzhen
- Enquiries answered within 24 hours, seven days a week

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Get the Anchor Pattern Before the Piece

The single most useful thing a sculpture supplier can send early is the base plate and anchor pattern drawing. With it, the foundation is cast, cured and drilled while the piece is still being fabricated. Without it, a finished sculpture sits in a crate on site waiting for concrete to cure.

The Usual Detail

A steel base plate bolted to a reinforced concrete pad cast below finished level, then hidden by gravel, paving or planting. The pad carries the overturning load, not just the weight, which is why its size follows the height and wind exposure of the piece rather than its mass.

Wind Is the Load That Catches People Out

A large hollow sculpture weighs very little and presents a great deal of area. In an exposed position the overturning force in a storm is far greater than anything the weight suggests. Exposure has to be part of the brief, not an afterthought.

Setting Out and Orientation

Mark the intended orientation on the foundation drawing. A piece with a clear front is easy to install facing the wrong way when a crew is working from a crate label and a bolt pattern that happens to be symmetrical.

Access Before Anything Else

Check the route from the truck to the position: gate widths, overhead cables, ground bearing for a crane or a telehandler, and whether a finished lawn or paving will take the plant. Where access is tight, the piece is split at joints chosen during design, trial assembled in the workshop, then marked so it reassembles in order.

Protect the Surface During Installation

Most damage to a polished sculpture happens in the last five metres. Keep protective covering on until the piece is bolted down and the area is clear, and keep grinding and drilling for other trades away from it. Iron dust settling on stainless steel will rust in spots no matter what grade was specified.

Drainage and the First Year

Check the piece drains as designed once it is standing. Keep the base clear of leaf litter so water leaves rather than sits. For Corten, expect the patina to go on settling through the first year, which is normal.

Pre Delivery Checklist

Anchor pattern received	Before the foundation is poured
Foundation cast and cured	Sized for overturning load, not only weight
Orientation marked	On the foundation drawing, before delivery
Access route checked	Gates, doors, lift car, overhead cables, ground bearing
Lifting plan agreed	Crane or telehandler, and what the ground will take
Surface protection	Stays on until the piece is bolted down and the area is clear
Other trades	No grinding or drilling of carbon steel near a stainless surface
Drainage checked	Piece drains as designed, base clear of leaf litter

Fixings	Stainless or galvanised, supplied with the piece
Sections	Marked in assembly order where the piece ships split

Frequently Asked

Do you supply the fixings

Stainless or galvanised fixings and anchors are supplied with the piece, and sections are marked in assembly order. The concrete foundation itself is normally cast by your own contractor to the drawing we issue.

Can a sculpture be installed on an existing paved area

Often yes, by cutting out a section, casting a pad and reinstating the paving around the plate. It needs to be planned rather than discovered on delivery day.