

YG Machinery

Premier Container Pool Manufacturer & Modular Solutions

Innovation in Modern Outdoor Living & Commercial Leisure Spaces

The Modular Revolution

Why Container Pools are Outperforming Traditional Construction

Modular vs. Traditional Concrete Pools

Key Feature	YG Modular Container Pool	Traditional Concrete Pool
Installation Time	1–3 Days (Plug & Play)	3–6 Months (Construction Site)
Initial Cost	Predictable; 40-60% Lower	Variable; High Site Labor Costs
Mobility	High (Fully Relocatable)	Zero (Permanent Structure)
Maintenance	Minimal (Steel Shell & Liners)	High (Cracking, Algae in Grout)
Site Prep	Level Ground / Simple Slab	Heavy Excavation & Foundations

Core Strategic Advantages



Rapid Deployment

Factory-built units arrive swim-ready. Reduce project timelines from seasons to days.



Flexible Portability

Perfect for temporary resorts or home owners who may move. Take your investment with you.



Eco-Sustainable

Repurposing high-grade industrial steel reduces environmental waste and carbon footprint.

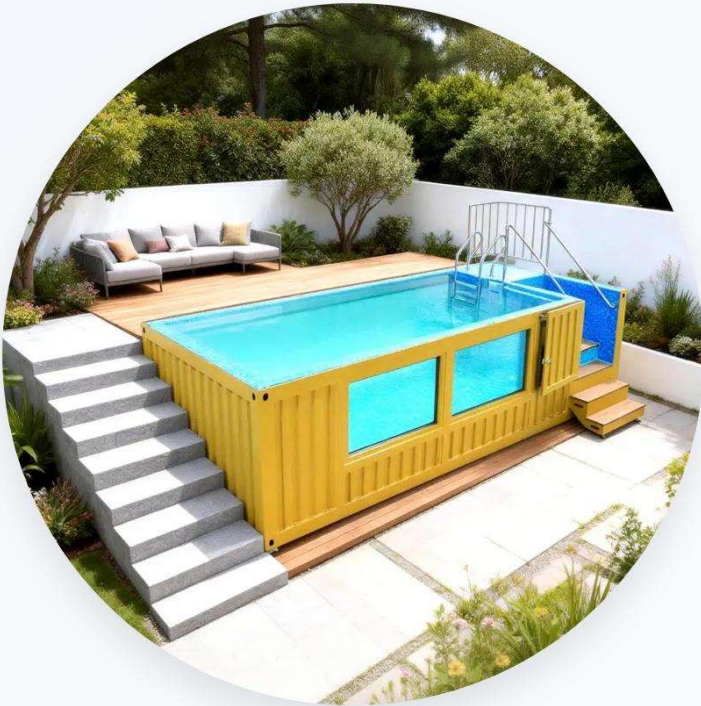
Heavy-Duty Structural Framework

Engineered for Integrity

- **Main Frame:** Galvanized cold-rolled sheet with 3.0mm thickness.
- **Section Height:** Robust 150mm cross-section for maximum load bearing.
- **Corners:** Cast steel fittings ($178 \times 162 \times 118 \text{ mm}$) ensure structural squareness.
- **Coating:** Choice of high-grade Powder or Fluorocarbon coating for salt/UV resistance.



Superior Thermal Enclosure



Multi-Layer Insulation System

Our pools utilize advanced materials to maintain water temperature and structure longevity:

Roof Panel: 50mm Rock Plate
Internal Panel: 0.5mm Nephrosis-colored Steel

- **Wall:** Glass-cotton colored steel sandwich panels for superior insulation.
- **Durability:** External 0.6mm and internal 0.5mm steel plates for impact resistance.

Foundation & Enclosure Parameters

Module	Component	Detailed Specification
Floor	Cement Board / Glue	15mm thickness board + 2.0mm floor glue
Support	Floor Purline	High-strength C120 galvanized steel
Roof	Purline / Panel	C90 galvanized purline + 50mm rock plate
Decoration	Edge Finishing	White/Grey edge decoration; Baseboard included

| Integrated Utility & Electrical System

220V

Standard Operating Voltage

Safety-First Engineering

The electrical system is pre-installed to international safety standards:

- **Main Power:** 3-pole, 32A plug and socket system.
- **Illumination:** High-efficiency 15W single-tube LED lighting.
- **Versatility:** Dedicated 16A A/C socket and 10A 5-pole wall sockets.
- **Protection:** Integrated central switch box for entire system isolation.

Precision Components

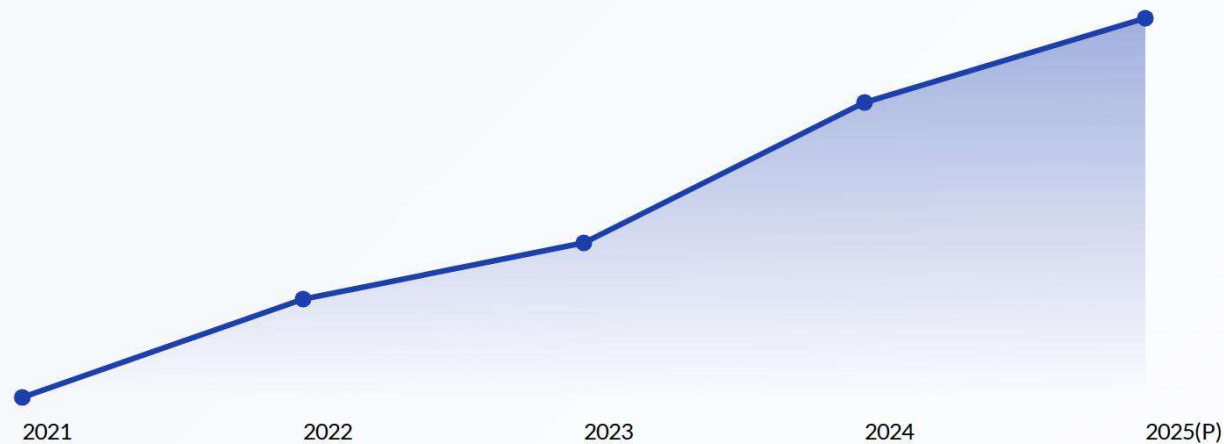
Industrial Grade Quality

Every opening is engineered for watertight integrity and user safety:

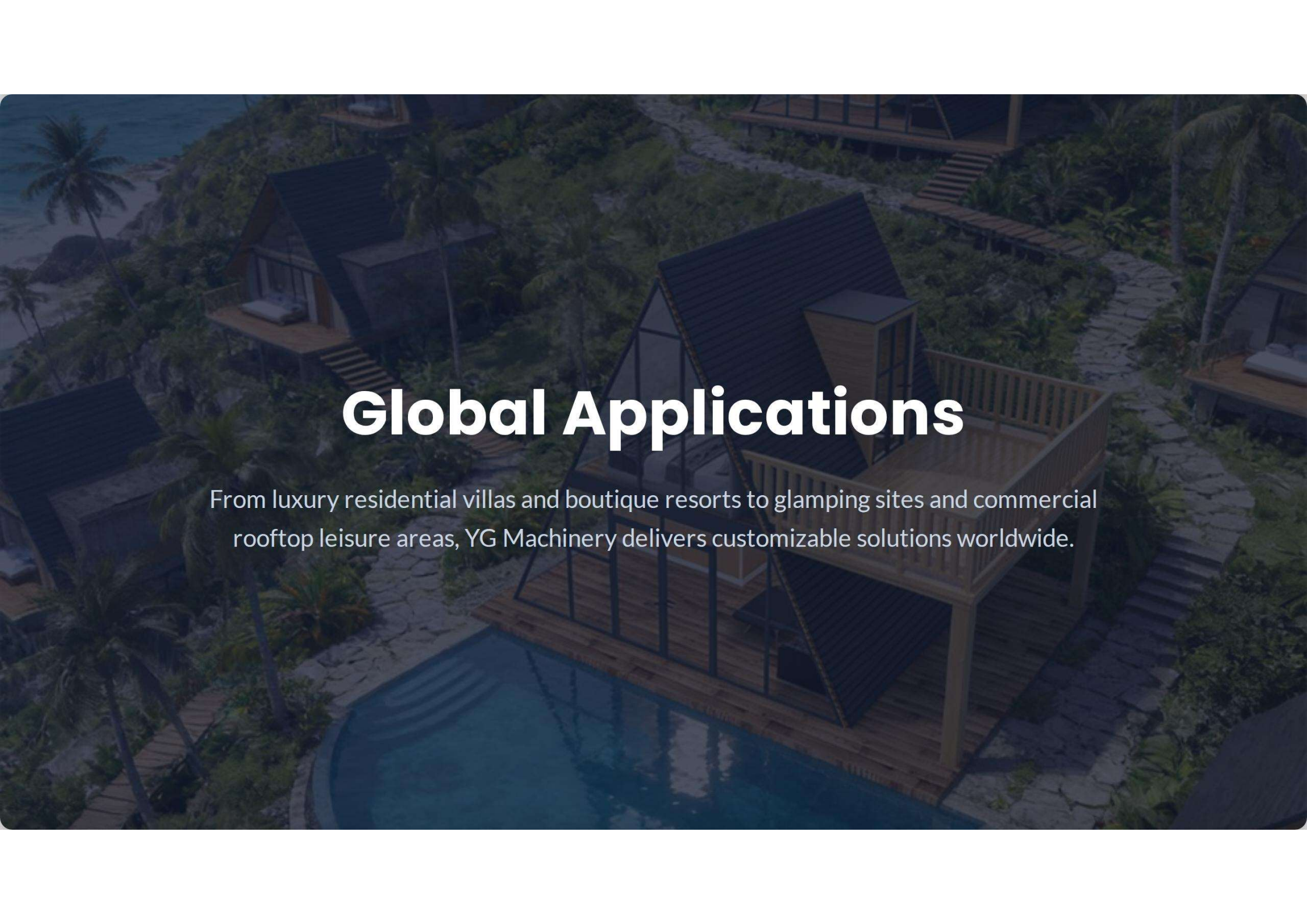
- **Windows:** High-quality PVC-steel (\$1110 \times 1100\text{mm}) with guardrails and screens.
- **Doors:** Heavy-duty steel doors (\$880 \times 2020\text{mm}) for utility access.
- **Drainage:** Galvanized and stoving varnished pipes available in \$2695\text{mm}\$ or \$5630\text{mm}\$.



Modular Construction Market Growth



Adoption of modular steel-framed pool systems has increased by ~35% annually, driven by tourism demand and rising traditional labor costs.

An aerial photograph of a tropical resort featuring several modern A-frame villas with dark roofs and wooden decks. The villas are nestled among palm trees and lush vegetation. A swimming pool is visible in the foreground, and stone paths lead through the property. The overall scene is serene and luxurious.

Global Applications

From luxury residential villas and boutique resorts to glamping sites and commercial rooftop leisure areas, YG Machinery delivers customizable solutions worldwide.

Ready to build?

Contact YG Machinery today for a custom modular quote.

Website: ygequip.com

Expertise: Modular Pools | Commercial Construction | Container Solutions