

OUTDOOR & GARDEN

PRODUCT SOURCING

SOURCING DOCKET

NINGBO FURNITURE MARKET

Cast Aluminum Sourcing Docket

Why the Zhejiang belt casts the outdoor furniture the world buys, what to specify on a cast-aluminum frame, and how a programme sails from Ningbo–Zhoushan as one consolidated FCL. Built for brands and retail chains in North America and Europe.

#1 world port by cargo tonnage	1.37B metric tons handled (2024)	39.3M TEU handled (2024)	¥28.07B furniture & parts exports (2024)
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From OGPSGroup — an asset-heavy outdoor furniture manufacturer and sourcing HQ in Foshan, China, serving outdoor living brands and retail chains in North America and Europe.

www.ogpsgroup.com

The Zhejiang Cast-Aluminum Belt

Ningbo furniture is not made in one town. The trade runs as a belt across the city's districts and county-level cities — from the port-side plants on the coast, through the finishing and documentation core, out to the western casting and hardware towns that feed every frame. It is compact enough to audit several plants in a single week.

Area	Role in the belt	What it gives a programme
Beilun	Port-side cast-aluminum plants	Cast frames and the container terminal in one district — no provincial haul to a vessel
Yinzhou	Sourcing & finishing core	Coating, packing and export documentation; the line finished to your spec
Yuyao · Cixi	Casting & hardware belt	Mould work, hardware and the metal supply chain upstream of every frame
Haishu / Xiangshan	Trade, metal & assembly	Supporting capacity across the greater city and the southern county

The four lines that fill a Ningbo container

Line	Code	Product	Origin
LINE 01	NB-AL-DIN	Cast-aluminum dining & chat sets	Beilun
LINE 02	NB-AL-LNG	Lounge & deep seating	Yinzhou
LINE 03	NB-SL-STK	Sling & stacking chairs	Yuyao
LINE 04	NB-AC-FIR	Fire pits, planters & accessories	Cixi

Indicative line and origin mapping for a typical consolidated Ningbo programme. Your line plan determines the mix; OGPSGroup qualifies and consolidates across the belt from its sourcing desk.

Cast Aluminum, Specified

Cast aluminum is molten metal poured into a permanent mold, so the frame comes out as a single piece — no welded joints. That is why it survives salt air and holds a level of detail tubing cannot. Four stages turn it into a shippable line, and each stage has something you can verify on the floor.

Stage	What happens	What to verify
Cast	Molten aluminum poured into a permanent mold; the frame comes out as one piece.	Mold ownership; wall-thickness check; porosity inspection
Extrusion	6063-T5 tube drawn for sling frames, arms and stretchers.	Temper certificate; dimensional tolerance
Powder coat	Electrostatic powder cured in the finish and colour you specify.	Film build in microns; salt-spray hours; adhesion
Assembly	Weave, sling, cushion and hardware fitted to the finished frame.	Static load test; wet-abrasion; hardware torque

Cast aluminum vs tube & weld

Dimension	Cast aluminum	Tube & weld
Frame	One-piece — no weld joints to stress or rust	More joints, and each one is a corrosion start point
Design	Holds curves, lattice and pattern	
Weight	Heavier gauge; a load-plan problem we solve in consolidation	Lighter, and cheaper per kilo
Asset	The mold is an exclusive design asset you own	No mold, so no exclusive shape

Finish is signed off against the sample before production starts, and every listed plant is vetted and re-audited before it enters a buy list.

Loading at Ningbo–Zhoushan

The port facts that move your freight

Port fact	Figure	Why it matters
Container routes served	300+	Sailing options, so your ship window is a choice, not a constraint
International routes	250+	Direct services to North America and Europe — minimal transshipment
Ports reached	600+ in 200+ countries	Destination coverage for a two-market programme
Rail–sea volume	1.8M+ TEU a year	Inland cargo converges here, which keeps feeder schedules dense

The single biggest lever on your landed cost

Dimension	Sourcing the risky way	OGPSGroup consolidated
Freight	Three plants, three POs, three partial containers	One mixed-load FCL from Ningbo–Zhoushan, 15–25% freight savings
Stowage	Dense cast frames at the door, usable cube wasted	One load plan across four lines: cast low, sling and volume above
Quality	Defects discovered at the port	Pre-shipment AQL 2.5 against the signed sample
Documents	Chased across several brokers	One bill of lading, filed by us

Minimum annual programme level: \$400K+. We size a first phase to a single line or a single container before extending the mix.

From Open PO to Landed Container

Stow, seal and sail is one sequence OGPSGroup owns end to end. Book the slot, haul from the plant gate to the terminal, build the load plan across the four lines, and file the bills of lading — so the container that leaves Ningbo is the one you planned.

Step	What happens	What OGPS controls
01 · Book the Slot	Vessel slot and container reserved against your confirmed ship window.	The booking is made before the first line is packed.
02 · Haul from the Plant	Sealed container moved from the factory gate to Ningbo–Zhoushan.	A booked haulage plan, not a third-party scramble.
03 · Consolidate the Lines	The four product lines stowed to one load plan.	Dense cast frames low; lighter sling and stacking volume above.
04 · Sail and Document	Bills of lading issued, documents filed, FCL tracked.	One accountable partner from plant to destination port.

The service numbers behind the docket

Measure	Figure	Notes
Vetted partner factories	60+	Audited and re-audited before a buy list
Pre-shipment inspection	AQL 2.5	Against the signed sample, documented
Sample response	48h	First technical response to an enquiry
On-time delivery	98%	Against the confirmed programme window

Indicative ranges are set to your programme window after sample approval. Your confirmed quote states the locked date, not a range.

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PRODUCT SOURCING

NEXT STEP

Load a Container.

Tell us the line mix, target market and ship window. If it fits, we return a line plan and a delivery roadmap — a documented path from requirement to a landed container out of Ningbo–Zhoushan.

CALL US ON WHATSAPP

Or reach us direct:

Email	olivia.huang@ogpsgroup.com
WhatsApp	+86 158 1369 5321
Site	www.ogpsgroup.com/ningbo