



Modular Steel-Framed Processing Plant Automobile Component Workshop Roof Drainage Assembly Foundation Anchor Parts Project Drawings Supply

Our Product Introduction

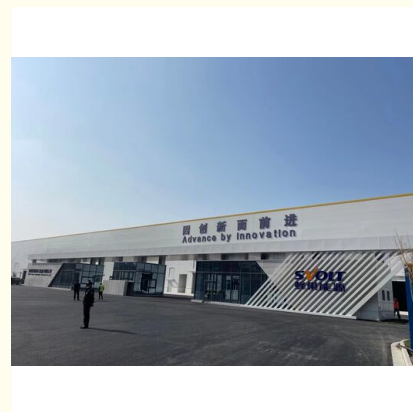
Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 300 square meters
- Price: \$30-45 square meter
- Packaging Details: In general, for steel structure, we use the steel frame packing to keep goods not to be broken. For sandwich panel and color steel sheet, we use the plastic packing. If the clients need special packing will according to their requirements.
- Delivery Time: 30 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability: 100000 Square Meter/Square Meters per Month

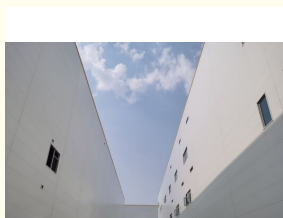


Product Specification

- Product Name: Modular Steel-Framed Processing Plant Automobile Component Workshop Roof Drainage Assembly Foundation Anchor Parts Project Drawings Supply
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Installation Guide: Installation Drawings And Video
- Bracing: Round Bar/Angle Steel/Steel Rod
- Design: SAP2000/AutoCAD /PKPM /3D3S/TEKLA
- Corrosion Protection: Hot-Dip Galvanizing
- Windows: Aluminum/ PVC Sliding Window
- Sail Finishing: PVDF/PTFE, Pvc Coated
- Roof And Wall: Corrugated Steel Plate Or Sandwich Panel
- Parapet Wall: As Requested
- Highlight: **modular steel-framed processing plant, automobile component workshop roof drainage, steel structure warehouse foundation anchor**



More Images





Product Description

Modular Steel-Framed Auto Component Workshop

Complete supply solution for automobile component processing plants including modular steel frame, roof drainage assembly, foundation anchor parts, and comprehensive project drawings.

Key Specifications

Building Size 78×30×8.5m (Customizable)

Steel Column H(300-550)×200×6×10mm Q345

Steel Beam H(300-550)×180×6×8mm Q345

Roof Purlin C180×75×50×2.5mm

Wall Purlin C180×75×50×2.5mm

Roof Panel 50-200mm Sandwich Panel

Wall Panel 50-200mm Sandwich Panel

Anchor Bolts M24 Q235

Technical Specifications

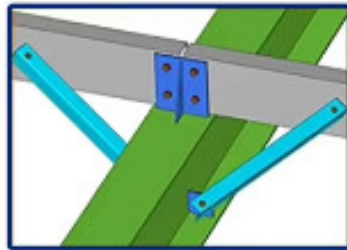
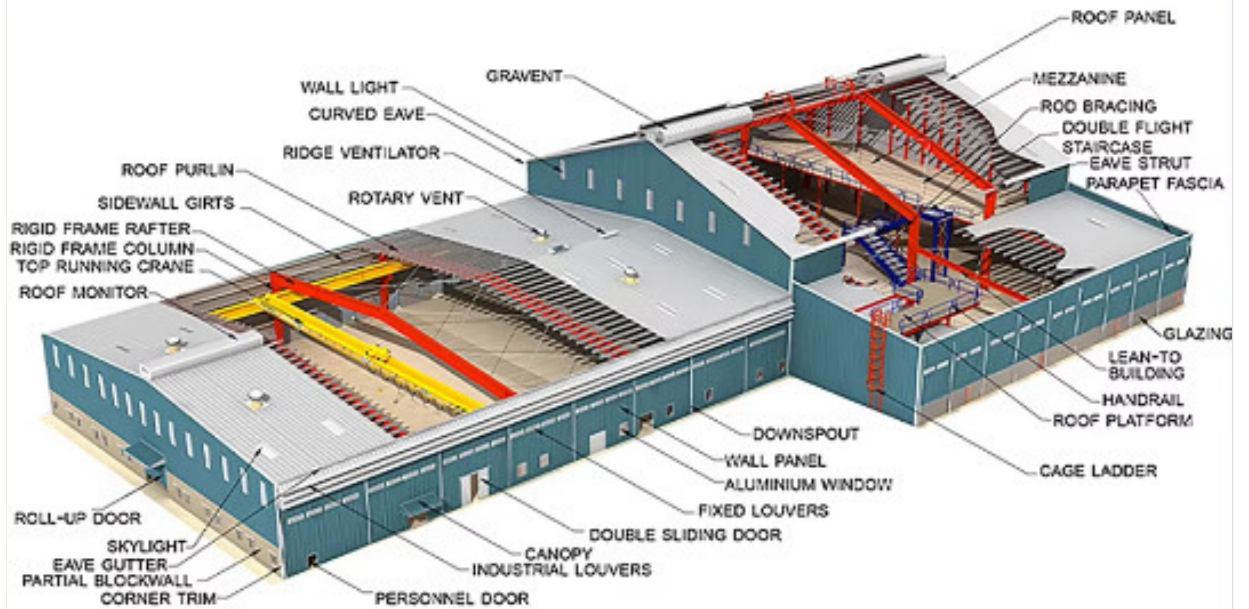


AUTODESK
3DS MAX

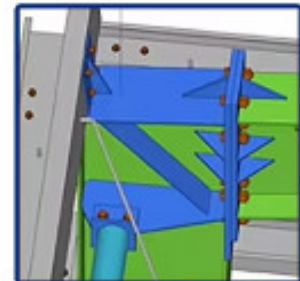
SAP 2000



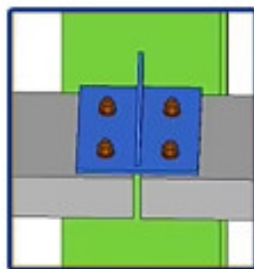
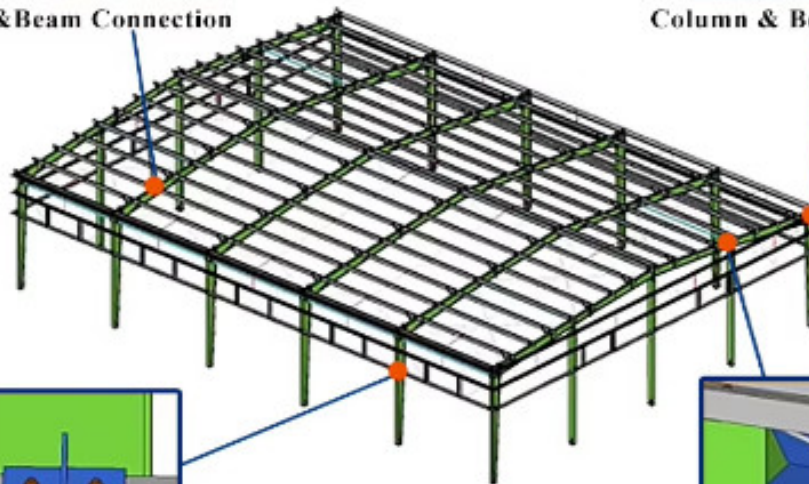
AUTODESK
AUTOCAD



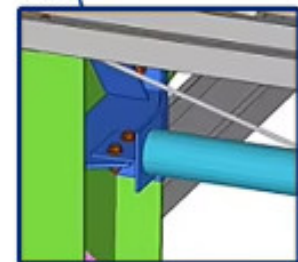
Purlin & Beam Connection



Column & Beam Connection



Purlin & Column Connection



Tie & Column Connection

System Components

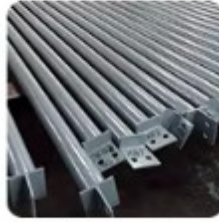
Products materials



Embedded bolts
for foundation



Structure frame
for columns or
beams



Bracing material



Connected plate



Purlin



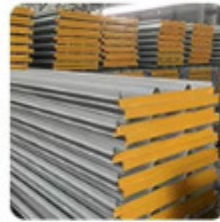
Cladding material
1-steel sheet



Cladding material
2- EPS panel



Cladding material
3-glass wool panel



Cladding material
4-rock wool panel



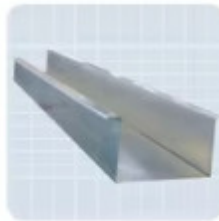
Door option
1-sliding door



Cladding material
2-rolling door



Aluminum window



Water gutter



Water pipe



Sealing materi



Ventilation
equipment on roof



FRP panel for
lighting



Bolts



Steel decking



Stair (if neede

Baodu Steel Structure specializes in pre-engineered buildings including warehouses, workshops, and industrial facilities with comprehensive structural systems and custom additions.

Roof and Wall System

Advanced insulation and weatherproofing systems protect structures from environmental factors while ensuring energy efficiency and durability.

Main Steel Frame

Engineered for strength and stability, our steel frames provide reliable support for demanding industrial applications with long-term durability.

Additional Materials

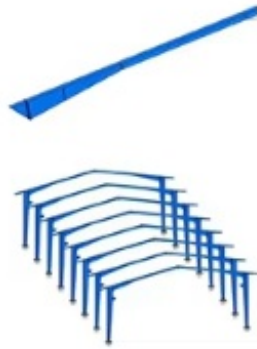
Complete range of accessories and safety features to ensure full functionality and performance of your steel structure project.

Construction Process

Support



Variable section steel column



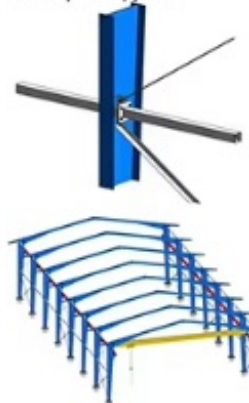
Bridge crane



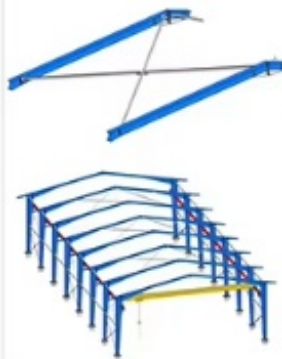
Weighing pole



Oblique support



Oblique pull strip



Cypress strips



Hand-pulled noodles



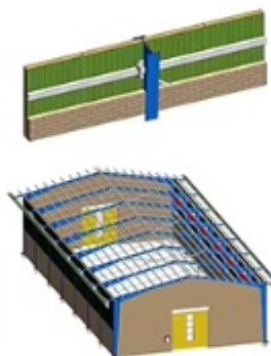
Gutter



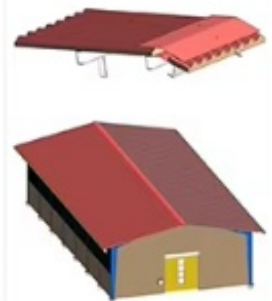
Wall column



Layered board



House panel



Project Portfolio









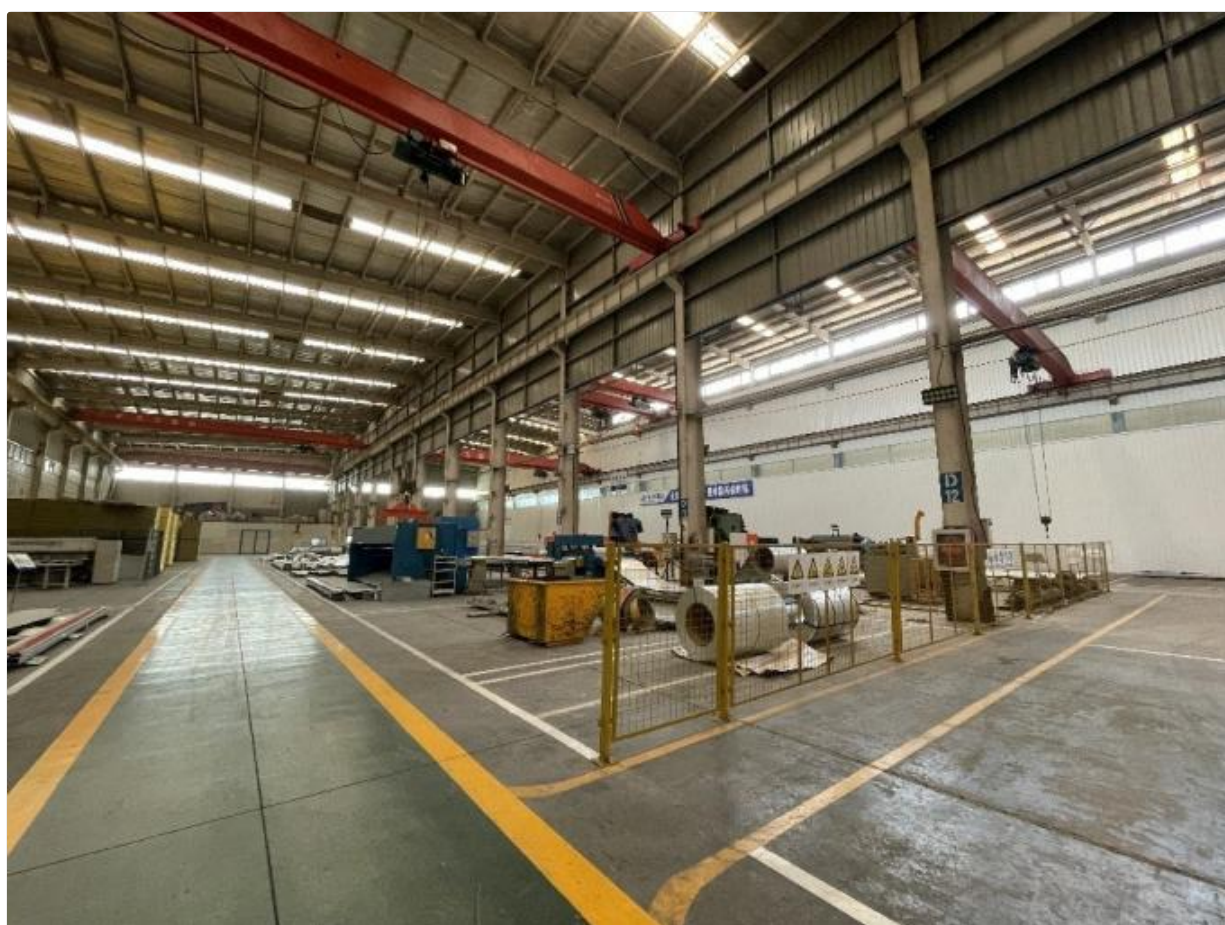
Our steel structures serve diverse applications including warehouses, workshops, factories, cold storage, commercial buildings, aviation facilities, and agricultural buildings.

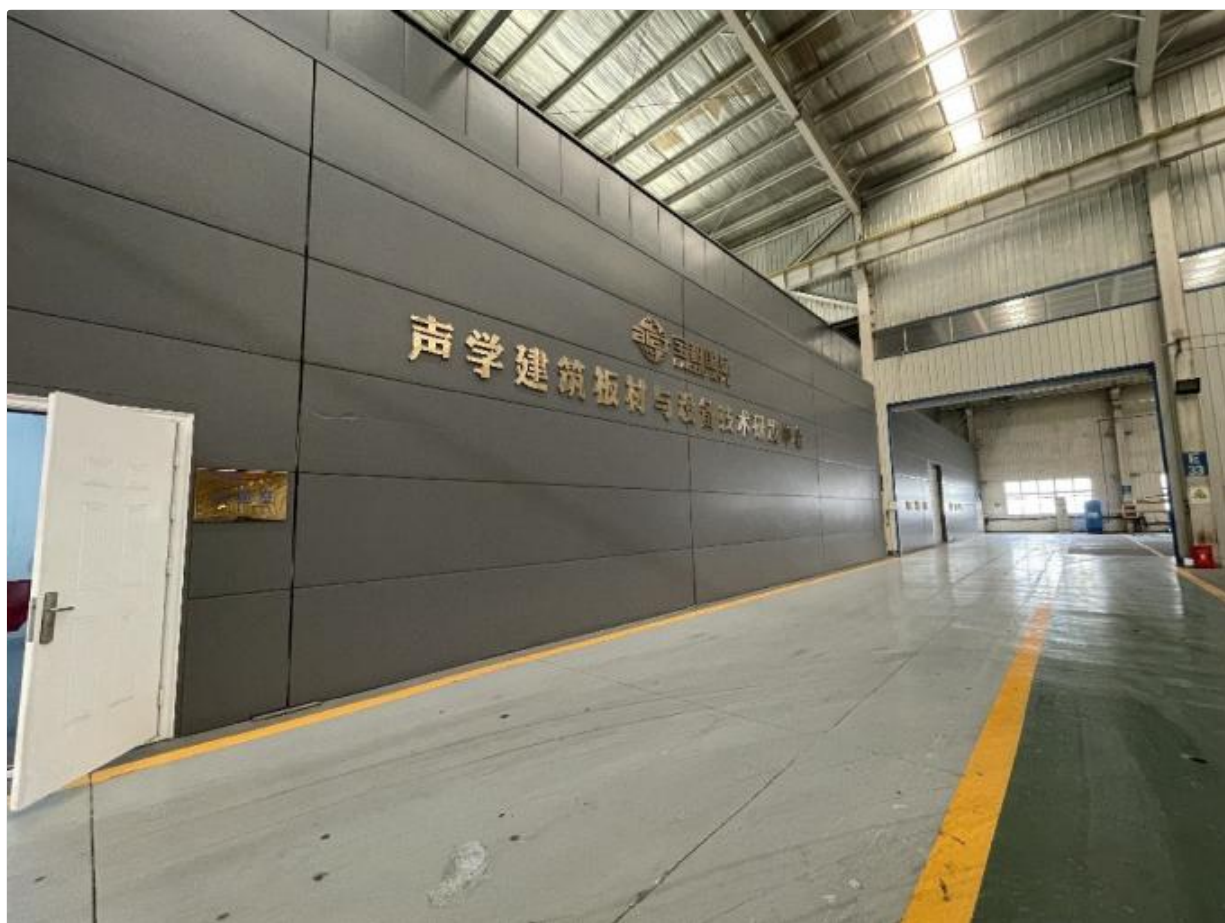
Quality Assurance



We implement comprehensive quality management throughout raw material supply, engineering design, manufacturing, and installation. Our professional quality team uses advanced inspection equipment and supports third-party certification by SGS, TUV, and BV.

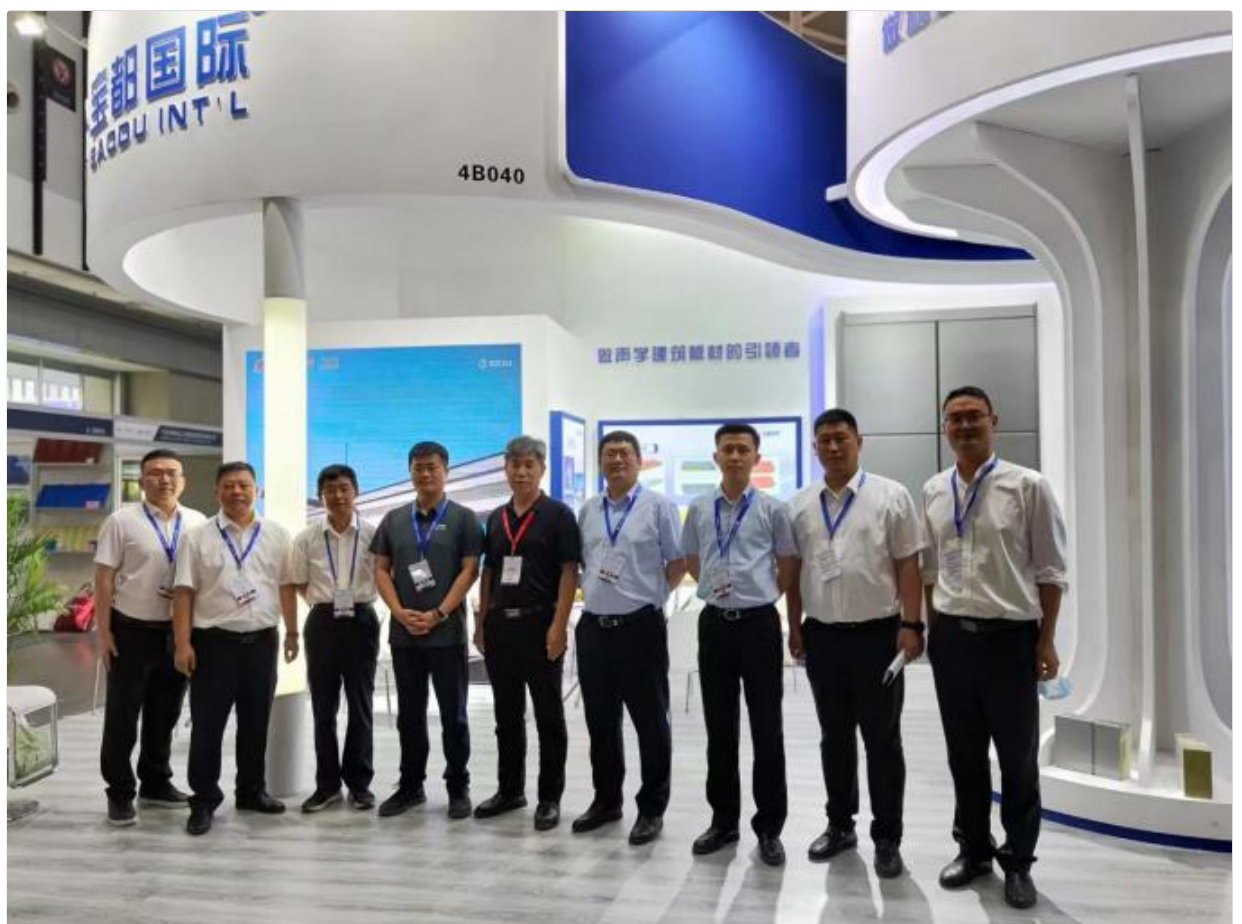
Certifications & Capacity







Technical Support & Services









Key Advantages

- Large-span, column-free interiors for flexible production layouts
- High-strength Q355/Q235 steel framework with superior load-bearing capacity
- 40-60% faster construction with prefabricated components
- Energy-efficient design with integrated ventilation and climate control
- Customizable and scalable solutions for future expansion

Company Profile

Established in 2010, Baodu International is a leading manufacturer of industrial construction materials with annual production capacity of 6 million square meters of acoustic sandwich panels, 100,000 tons of steel structures, and 1 million square meters of floor decking. Our professional design team has completed prestigious projects including Beijing Daxing International Airport and international power plant facilities.

Packaging & Shipping





河北省, 廊坊市 | 2026.02.02 09:54





Professional seaworthy packaging with waterproof protection, optimized container loading for 20GP/40GP/40HQ containers, and complete export documentation including structural test reports, quality certificates, and comprehensive project drawings.

Frequently Asked Questions

What are the advantages of your modular steel-framed auto workshop compared to ordinary steel buildings?

Our workshop is professionally optimized for auto parts production with anti-vibration, dust-proof, and high-precision structural design. We provide one-stop supply of modular steel frame, roof drainage system, foundation anchor parts, and complete project drawings, avoiding scattered procurement and design mismatches.

Can you provide complete official project design drawings?

Yes. We provide full sets of standardized project drawings including architecture, structure, foundation, and drainage systems. All drawings support overseas project review, construction guidance, and engineering acceptance.

What is the function of the matched foundation anchor parts?

The customized anchor parts enable precise positioning and firm fixation of the steel frame, enhancing overall wind and seismic resistance while preventing structural displacement from equipment vibration.

Is the roof drainage system professionally designed for large workshops?

Absolutely. Our industrial-grade roof drainage system features optimized slope design and multi-point drainage layout to quickly remove rainwater and prevent water accumulation, protecting internal production equipment from moisture damage.

Is the modular structure convenient for later workshop expansion?

Yes. The standardized modular steel frame and reserved anchor positions support free expansion, partition adjustment, and equipment upgrades without requiring complete reconstruction.

Does the workshop meet environmental and safety standards for auto parts production?

Yes. The structure meets international industrial safety standards with dust-proof, sound-insulated, and ventilated systems that comply with automobile component processing factory specifications.

How long is the service life of the modular steel processing plant?

With hot-dip galvanizing or multi-layer anti-rust treatment, the main steel frame has a service life of 40-50 years, ensuring long-term stable operation for auto parts production.

Product Video



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