





# Joint Development Manufacturing — The Future of Contract Manfacturing

Accelerate your product development with Manz's proven technical and manufacturing expertise

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# Manz Asia — Innovating across domains to unlock new applications

Delivering innovative, efficient solutions to set new standards and drive next-generation semiconductor packaging manufacturing excellence.

Manz Asia is a leading provider of advanced semiconductor equipment and solutions, specializing in integrated systems built on core technologies including wet chemistry, plating, inkjet printing, automation, and software integration.

With strong expertise in equipment design, fabrication, installation, and process validation, we deliver seamless transitions from R&D to high-volume manufacturing. Our business scope encompasses system solutions and contract manufacturing, enabling strategic growth for our customers and partners.

# Contract manufacturing with engineering excellence

As an engineering specialist with over 40 years of experience, Manz provides comprehensive contract manufacturing services — from prototype to mass production and after-service of customized and standard equipment.

We serve a broad range of high-tech industries with Joint Development Manufacturing (JDM) for precision manufacturing, flexible production capacity, and strict quality standards.

With production facilities in China and Taiwan, and a strong presence across key global regions, Manz Asia empowers customers to:

- · Accelerate time-to-market
- Focus on core competencies
- Scale with technical and operational confidence



#### Manz Asia

- Founded in 1986
- Location in Taiwan, China, and India
- Approx. 400 employees worldwide, 130 engineers

### Core technologies

- Wet Chemistry
- Plating
- Automation
- Digital printing

#### Business areas

- System solutions
- Contract manufacturing
- Sales representative

Markets for our production solutions:

## Versatile Manufacturing Capabilities

Our expertise accelerates time-to-market and

Leverage decades of engineering expertise and co-develop innovative solutions — fully

sharpens your focus on core strengths

supported by advanced manufacturing capabilities.

From equipment upgrade & refurbishment to full-scale new build services.

## Customization and Flexibility

Provide highly customizable service to adapt client specifications from product design and engineering to packaging.

## Quality Control and Certifications

Maintain strict quality control throughout every stage, backed by international certifications.

## Trusted JDM Expertise

We combine technical strength with collaborative development to bring innovative products to market through Joint Design Manufacturing.

In today's high-tech environment, standard outsourcing falls short. Manufacturers demand speed, agility, and true technical collaboration to stay competitive.

# Joint development manufacturing offers a hybrid approach

You drive the core design; Manz Asia manages integration, manufacturing, and final assembly, supported by expert engineering teams in China and Taiwan.

This model bridges traditional outsourcing and full customization — enabling faster innovation, scalable production, and cost efficiency through complete workflow support.

With robust IP protection and proven execution, we empower your growth with confidence.

Operating over 30,000 m<sup>2</sup> of production space in Asia, Manz Asia delivers:

- Comprehensive supply chain management
- · High integration and system commissioning
- Lean production processes
- Smart logistics via Bonded Logistics Park expertise
- Certified bonded factory operations

## Serving diverse high-tech industries

Our JDM capabilities support:

- Semiconductors equipment
- Medical equipment
- Food packaging equipment
- System solutions
- High-End Parts Manufacturing

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# Technical co-development meets manufacturing excellence — efficient, reliable, and capital-light.

With decades of experience and state-of-the-art, fully equipped production facilities, Manz Asia is your reliable partner for high-precision equipment manufacturing and contract services.

Manz Asia's Joint Development Manufacturing (JDM) service offers a powerful hybrid model — customers drive the core design, while we manage integration, manufacturing, and final assembly, supported by experienced local teams in China and Taiwan

With 40 years of process expertise, we ensure smooth, efficient, and high-quality production. Our strength lies in combining deep technical knowledge with highly integrated capabilities, delivering tailored, innovative solutions that scale with your needs.

From co-development and product design to manufacturing and after-sales support, we are your end-to-end partner.

Whether you're ramping up production or expanding into new markets, Manz Asia gives you the momentum to move faster, leaner, and smarter.

# Beyond Manufacturing — Enabling Sustainable Success

Manz Asia isn't just a builder; we are your long-term operational partner.

We help customers establish localized, efficient, and sustainable production operations in China and Taiwan, supporting international growth with deep regional integration.

# Comprehensive Manufacturing & Service Support

We offer a full-service contract manufacturing solution — from new builds to refurbishment:

- Equipment manufacturing, testing, and pre-delivery inspection
- On-site installation, commissioning & technical support
- Operator training and long-term service
- Refurbishment & upgrade support at your site or your customer's



# Your Strategic Edge: Manz Asia's JDM Services

JDM bridges the gap between traditional contract manufacturing and full product customization.

With your product vision and Engineering Support from Manz Asia, we deliver innovation across every production stage — enabling faster time-to-market and cost-effective scaling.

Backed by strong IP Protection and proven execution, Manz Asia gives you the confidence to grow, the agility to compete, and the efficiency to lead.

### Accelerate Innovation Through JDM

- Proven OEM & ODM Expertise
- Optimized Efficiency & Cost-Effectiveness
- Integrated Operations & Quality Systems
- Rigorous quality controls and inspection protocols maintain the highest product standards

Partnering from the ground up — Manz Asia collaborates closely with customers across the entire product lifecycle, from system planning and process integration to development, installation, and beyond.



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