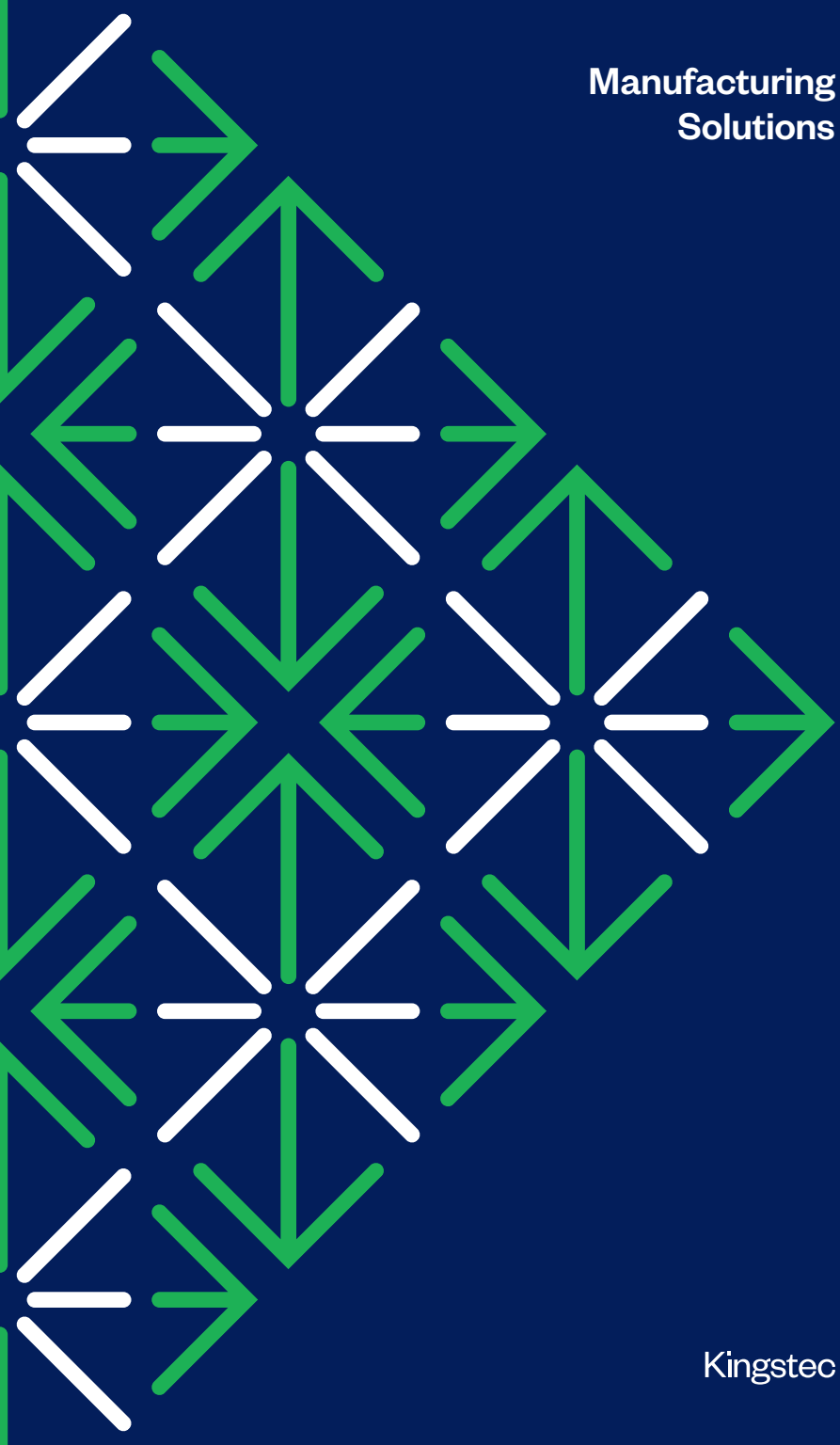


Manufacturing  
Solutions



Kingstec

## Our capabilities

We offer complete solutions to an array of design, engineering, manufacturing, and logistical challenges.



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Custom cable  
assemblies and  
wire harnesses

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PCBs and assemblies

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Stamped metal  
components

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Precision  
machined parts

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Plastic injection  
molded parts

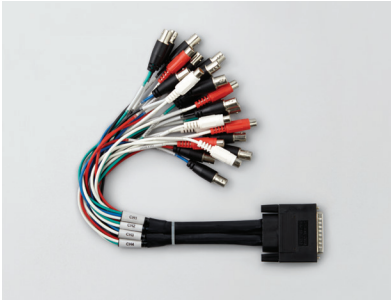
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Box-build turn-key  
assemblies

## **Completing the connection**

For over three decades, Kingstec has connected Western companies with our high-quality, cost-efficient manufacturing partners in Asia. We take care of all the details — and add value at every step — to help you achieve your business goals.





## Custom cable assemblies and wire harnesses



**Kingstec's custom-built cable assemblies and harnesses are cost efficient, yet held to the industry's highest standards. Whether for medical, automotive, telecom, industrial, or other applications, rely on us for a hassle-free process and a fine-tuned product.**

### **We offer:**

- Custom cable and wire harness products, including power, coaxial, fiber optic, video, audio, and computer assemblies and harnesses
- Custom overmold connectors
- Low tooling cost for overmolding
- Lifetime warranty and service on tooling

### **Industry best practices including:**

- ISO 9000, ISO 13485, and TS 16949 certified facilities
- RoHS compliance
- Testing capabilities including hipot, continuity, insulation resistance, and a full range of other tests



## PCBs and assemblies



**From prototyping and pilot runs to high-volume production, we provide PCBs and assemblies up to ten layers. Our expert suppliers achieve fast turnaround for your custom designs, while adhering to strict quality assurance standards.**

### **We offer:**

- Fine-line and spaces PCBs (3 mils / 3 mils)
- Multi-layer PCBs (two to ten)
- Routing, punching, bevelling, and V-scoring
- Prototyping, pilot runs, full production
- Through-hole and surface-mount technology (SMT)
- In Circuit Tester (ICT) available

### **Industry best practices including:**

- ISO 9001, ISO 14001, TS 16949, and UL certified facilities
- AOI: automated optical inspection systems to provide efficient quality control
- Multiple, fully loaded SMT lines for efficiency and reliability
- Hot air reflow for precision manufacture



### Stamped metal components



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**Our clients demand precise metal parts, quickly produced at competitive prices. We provide mold design to your specs, from standard to progressive stamping, and a full range of high-end CNC, EDM, lathe, drilling, grinding, and milling capabilities.**

#### **We offer:**

- Custom tooling design
- Mold and die manufacture
- Presses from 35 to 500 tonnes
- CNC machining
- Wire-cut EDM
- Progressive and transfer stamping
- Sub-assembly and encasing lines
- Finishes including spray painting, powder coating, anodizing, and screen and pad printing

#### **Industry best practices including:**

- 3D CAD/CAM, Pro/ENGINEER, and SOLIDWORKS software
- ISO-certified facilities
- CMM and optical measuring equipment



### Precision machined parts



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**Working with Japanese and German precision machines, we prototype and manufacture only the highest quality parts. Our partners in Asia are cost-competitive, yet fully capable of serving the tight deadlines of the automotive, medical, electronics, and communication industries.**

#### **We offer:**

- CNC turning and milling
- Tolerance within +/- .005 mm (or .0002 in.)
- Materials including aluminum, titanium, stainless steel, copper, bronze, beryllium, copper, and others

#### **Industry best practices including:**

- ISO-certified facilities
- High-end six-spindle German and Japanese machines including Star, Citizen, Nomura, and Mazak



### Plastic injection molded parts



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**Kingstec's plastic parts fabrication and mold making services are fast and economical. Our trusted suppliers provide fine and precise parts to your custom designs, and we guarantee our tooling for life.**

**We offer:**

- Precision mold making and fabrication
- Custom mold design
- Injection, double-injection, vertical injection, and insert molding
- High-speed processes
- CNC, wire-cut EDM, drilling, milling, and grinding
- Fine, thin-walled and complex parts

**Industry best practices including:**

- ISO-certified facilities
- 3D CAD/CAM, Pro/ENGINEER, and SOLIDWORKS software
- CMM and optical measuring equipment
- Lifetime warranty and service on tooling with production order



### Box-build turn-key assemblies



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**Our box-build service brings all our capabilities together. Think of us as a one-stop shop for your custom-designed integrated systems. Let us handle the complexities of supply-chain management and deliver you a superior finished product, worry-free.**

**We offer:**

- Whole supply-chain management
- Vertically integrated manufacturing
- Subassemblies to completed products
- Branding and packaging
- Point-of-sale, turn-key solutions

**Industry best practices including:**

- ISO-certified facilities

# Offshore manufacturing, managed in Canada



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## **You need this to be easy. That's where we come in.**

You see the advantages of manufacturing offshore. But you can't afford to get caught up in a lot of distracting complexity. So make that our challenge. We'll look after everything, making sure the entire process is fast, efficient, economical and hassle-free.



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## **You have a great idea. We help make it even better.**

Everyone talks about adding value — with us you can see it. We have the electrical and mechanical engineering expertise to help fine-tune specifications, identify and fix problems, optimize manufacturers' facilities and provide guidance at every stage, from concept through execution.



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## **Make a list of what you expect. We'll tick every box.**

Competitive pricing. Guaranteed quality. Expertly managed logistics. Protection of your intellectual property. Long-term relationships with our Asian partners. We deliver all of this and more, backed by 30+ years of experience and trust.



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