

## Hitachi Inverters Extrusion Industry

Protect the productivity of your plastic, metal or food extrusion operations with the lineup of A/C Variable Speed Drives from Hitachi. Earning a reputation for low maintenance and everyday reliability, Hitachi inverters can be found in a range of demanding extrusion applications around the world.

18  
month  
warranty



**Hitachi inverters are the smart choice for applications that require performance and flexibility, with all the reliability Hitachi products deliver.**



### CONSISTENCY

Hitachi inverters ensure high torque with less ripple, so you can manage external variations and reduce product defect rates. Features like sensorless vector control offer accurate torque performance throughout the entire frequency range.



### COST-EFFECTIVE

Hitachi inverters can integrate blade, collector and cooler operations into a single drive—reducing the need to invest in additional hardware. And features like trip avoidance manage noncritical load variations automatically—helping to eliminate the expense of responding to false alarms.



### PRECISION

Providing multiple PID (proportional integrative derivatives), your operation and engineering team will receive actionable data from their Hitachi drives. That means better, cost-minded decision-making to maximize productivity of your extrusion operation.



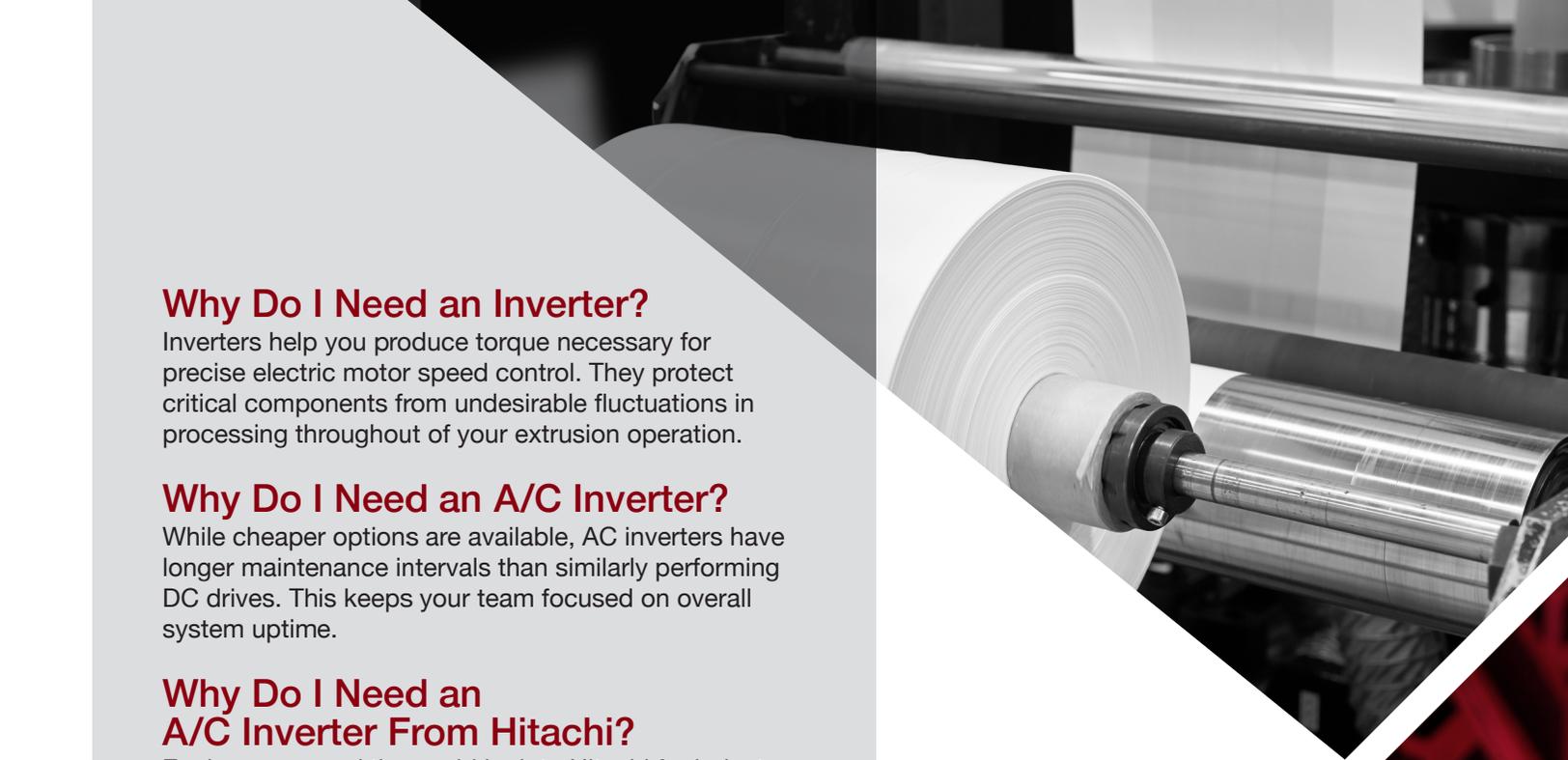
### FLEXIBLE

No extrusion system is the same as the next. That's why Hitachi offers a range of inverter models, each equipped with customizable drive firmware. Plus, the embedded software allows you to code in parameters for a highly personalized solution.



### RELIABILITY

With an expected lifespan of 10 years, it's common for Hitachi inverters to outlast the motors they are running. Standing up even in harsh conditions, you can count on them to help take your raw material to the end product day after day, year after year.



## Why Do I Need an Inverter?

Inverters help you produce torque necessary for precise electric motor speed control. They protect critical components from undesirable fluctuations in processing throughout of your extrusion operation.

## Why Do I Need an A/C Inverter?

While cheaper options are available, AC inverters have longer maintenance intervals than similarly performing DC drives. This keeps your team focused on overall system uptime.

## Why Do I Need an A/C Inverter From Hitachi?

Engineers around the world look to Hitachi for industry-leading quality and reliability. Plus, each Hitachi drive is backed by a network of technical support professionals.

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## Easy Setup and Support You Can Count On

### SETUP

Our innovative and intuitive keyboard makes navigating through the operational settings easy and highly informative due to a spoken language-based display.

### SUPPORT

Before making a purchase, consult an experienced Hitachi expert to help you select the most cost-effective inverter solution. After installation and training, and throughout the life of the product, we've got your back with unmatched support.