

ICD International Cutting Die

NonWoven Specialist

International Cutting Die (ICD) is the newest addition to the Maxcess brands. With 20 years of experience in producing high-speed nonwoven tooling solutions, ICD has helped grow Maxcess's end-to-end products, service and support.

AntiBounce Technology

Moves the pressure cylinders from the outer side frames inward, adjacent to the cut — eliminating bounce and virtually transforming the application from wide-web to narrow-web performance, delivering more output and less die damage.

Patent # US.11.292.146 B2

Bounce Detection Technology

ICD has the fastest laser measuring system to detect separation between the die and anvil surface (usually caused by an out-of-phase core). It lifts the die away from the anvil in less than a quarter of a second, preventing bounce and catastrophic die and blade damage.

Learn More About ICD's Patented AntiBounce Technology



Durable Tooling

Choose from powdered metals and tungsten carbide offerings for next level durability and reliability for 100M+ cuts before resharpening.

ICD Exclusive



Elastic Entrapment

No glue, no mess. Works better than the rest.

Ultrasonic Bonding

Thermal Bonding

Pressure Bonding

International Cutting Die excels in all forms of bonding. Contact an ICD representative to get the right equipment for your product lines, from hygiene to healthcare products, and beyond.

End-to-End Solutions

Maxcess understands how each stage of web flow impacts the next, underlining the importance of high quality equipment that you can rely on. Maxcess provides dependable end-to-end solutions that increase productivity and help eliminate errors in the nonwoven industry.



Fife-500 Max



The Fife-500 MAX is an advanced web guiding system designed to enhance precision and efficiency in web handling processes, making it particularly suitable for the delicate materials in the nonwoven industry.



Fife DSE-17 Sensor



Fife DSE-17 is a digital wideband infrared sensor designed to address the challenges of web guiding in industries where materials exhibit variations in opacity or density, such as the production of personal hygienic products.



Tidland Air Shaft



Nonwovens are often lightweight and delicate, requiring careful tension control to avoid web breaks or wrinkling. Tidland Airshafts provide uniform and secure core gripping, ensuring consistent roll integrity even with high-speed runs.



MAGPOWR DLCA-Net



The DLCA-NET is a load cell amplifier equipped with embedded dual-port communications, supporting EtherNet/IP, PROFINET, Modbus TCP, and EtherCAT. This facilitates seamless integration into modern industrial networks, enabling real-time data exchange and remote monitoring.



Componex & WEBEX Plasma Spray Coatings



Componex and WEBEX plasma spray coatings provide exceptional wear resistance and a consistent coefficient of friction, preventing material damage, slippage, adhesive buildup or static issues during high-speed web transport.

Learn More Online maxcess.com

Speak to a Specialist [1-844-MAXCESS](tel:1-844-MAXCESS)

