

Schober Dragon

The Rotary Converting Solution
for Multi-Layer Products
– the Right Decision!

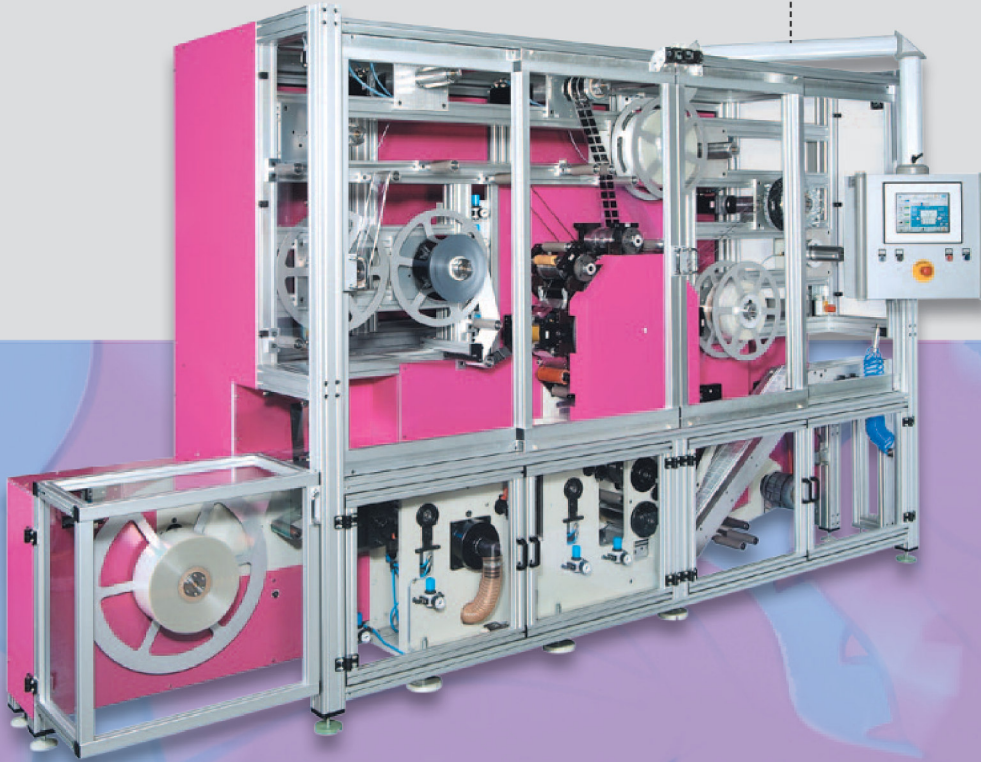


Multi Layer Product Processor (MLPP)

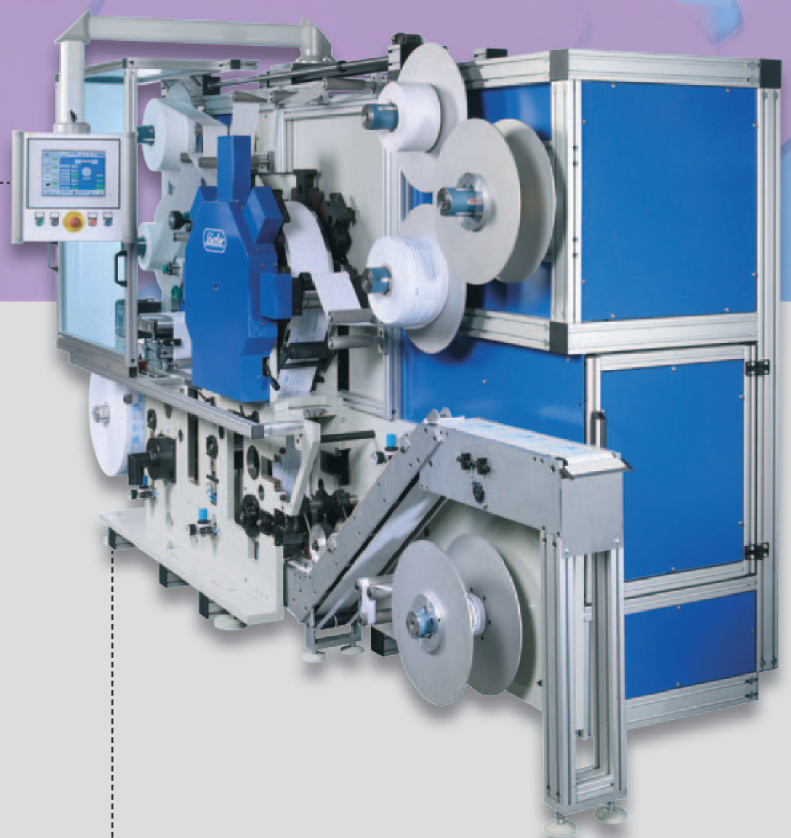
The high-tech solution
for the cost-effective
manufacture of high-
precision components.

Multi Layer Product Processor (MLPP)

The ideal machine to manufacture high-precision, self-adhesive assembly parts and components for the automobile, telecommunication and electronic industry.



This high performance rotary converting machine includes 9 processing stations for cutting, punching, laminating, delaminating and an additional cut & place unit. The innovative processing technologies incorporated in this equipment ensure cost effective production of laminated components and insulators for the communication, electronic and automobile industries. High-precision, self-adhesive assembly parts, belts, gaskets and other products of varying materials can be produced with the rotary die cutting process.

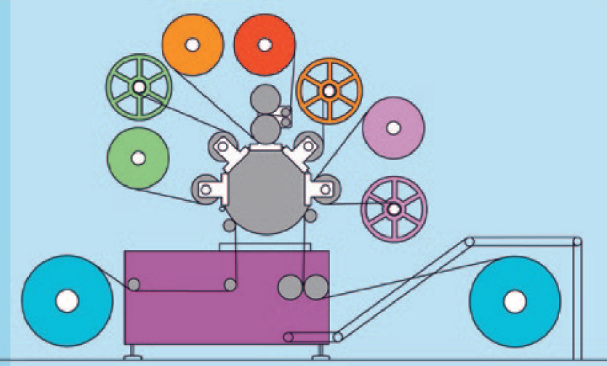
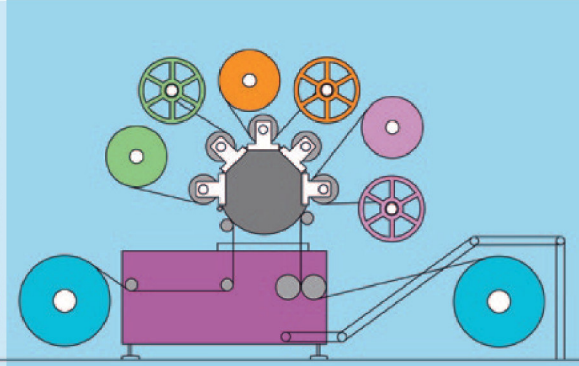
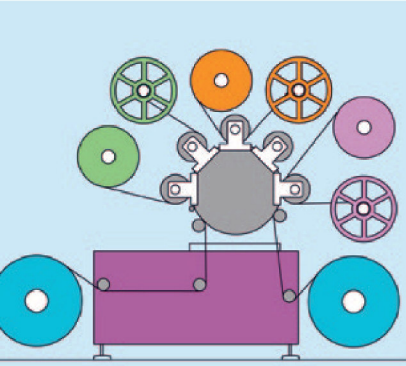
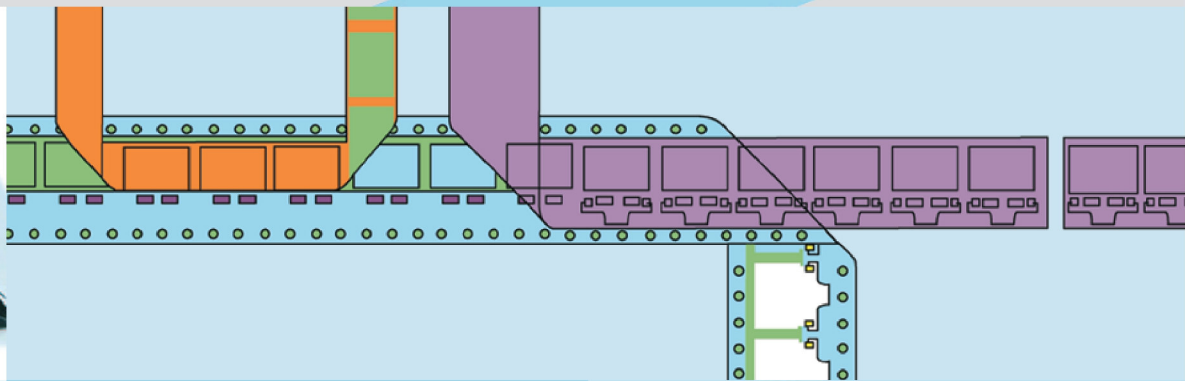
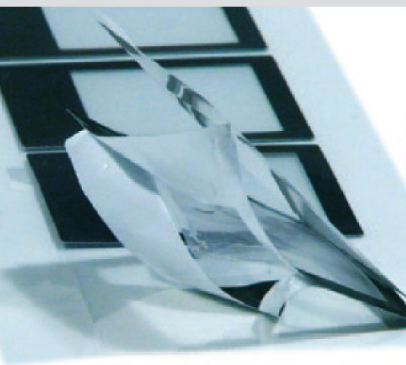
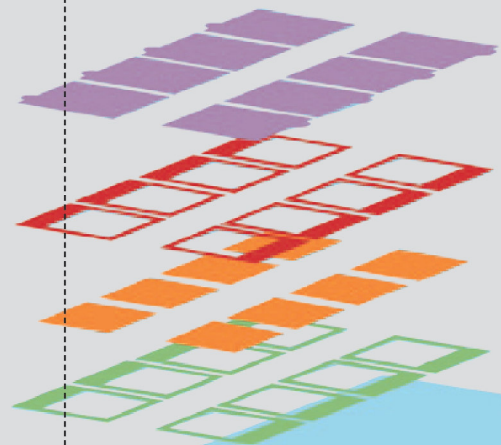


User Friendly

PLC controlled. Swivel mounted TFT control panel with a 10.4" touch-screen for data input and display. Numerous product protocols can be stored and easily recalled, reducing downtime for changeover and adjustments to a minimum. The intelligent single drive technology provides extremely close registration and low web tension, which makes this machine ideally suited for difficult to process and sensitive materials.

Multi-layer self-adhesive products are converted in a single pass. Typical converting process depicting the following production steps:

- Profile Punching
- Laminating/De-laminating
- Die cutting
- Length- and Cross-Cutting
- Waste Removal



MLPP 5 - R

High-Performance Rotary Processing Machine - standard version with **5 cutting/laminating stations** and **3 each unwind/rewind stations** positioned in the periphery.

MLPP 5 - R/S

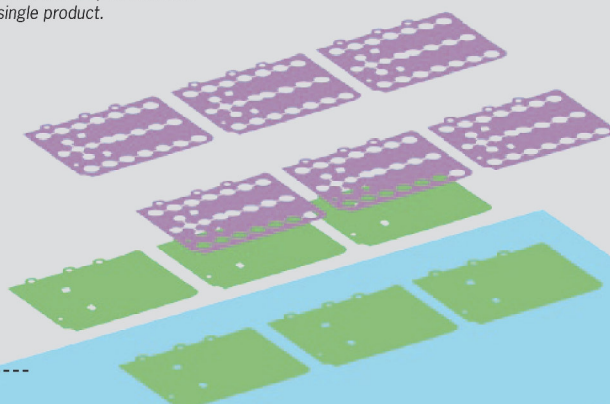
High-Performance Rotary Processing Machine with **7 processing/laminating stations**. The finished product can either be rolled up or delivered as single product.

MLPP 5 - R/S/C&P

High-Performance Rotary Processing Machine with **9 processing stations** such as punching, cutting, laminating and a cut & place unit.

The finished product can be delivered on rolls or as single product, individually or in shingle style.

Additional unwind and rewind stations can be added easily to the individual process stations.

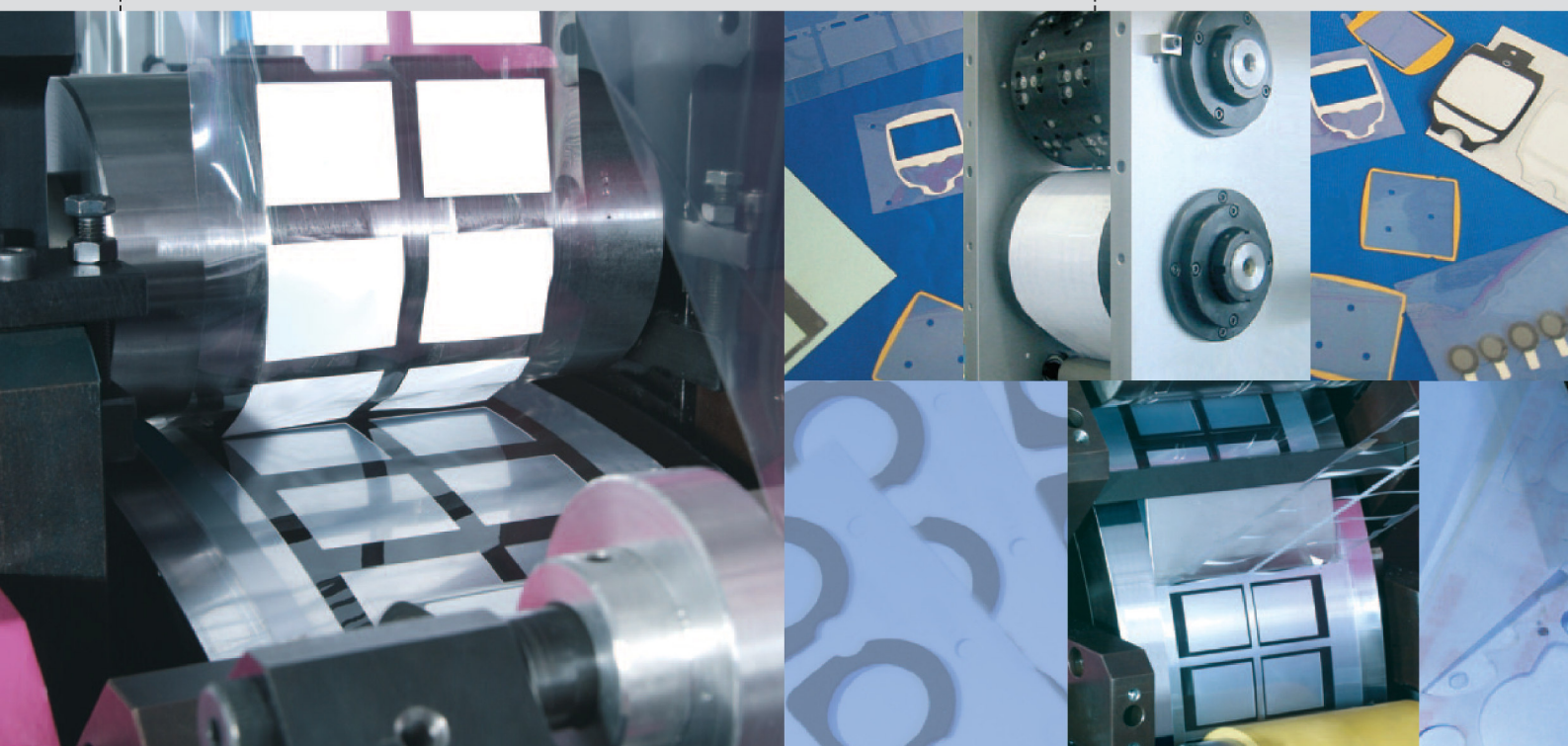


Schober Process Development

The cut parts are consistently pulled-off and removed even at top machine speeds.

Rotary Punching Technology

The design concept of this machine allows for the integration of punching modules at different positions in the machine. The reliable Schober Technology ensures precisely punched products in perfect registration and thanks to this sophisticated punching technology it is possible to process multi-layer self-adhesive materials, even for product patterns with hole sizes as small as 0.5 mm, precise, clean and burr-free.



Based on the concept of the MLPP, this machine is a step-up version and includes additional punching stations for the production of Dom Sheets.

Integrated smart technology ensures constant web tension for unwinds and rewinds.

Matrix Rewind

Each rotary cutting station is equipped with a matrix rewind. Thanks to the single drive technology, additional unwind and rewind units can be added easily.

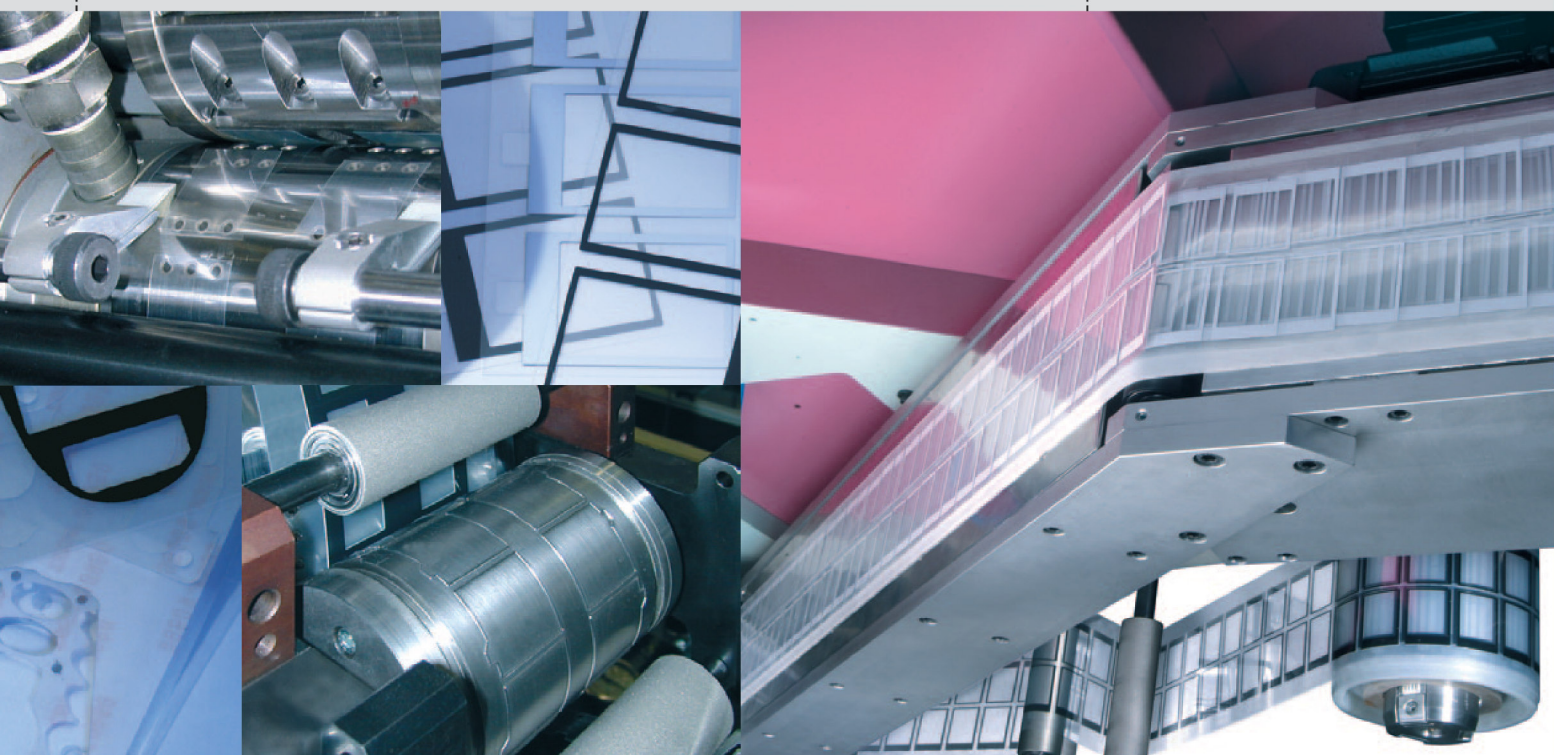
Rewinds with fine adjustments ensure constant web tension and reliable matrix removal.

Cut & Place Technology

The parts or products are transferred and placed onto a constantly moving web in registration at fixed or variable spacing.

Product Delivery

The delivery design is product specific and depends on the downstream process. The products can be rewound onto rolls, with or without splicing or be delivered at the shingle delivery.



Rotary Cutting Stations

Arranged around a Central Converting Drum, the individual stations can be equipped with either die cutting cylinders, die plates or rotary punching tools. The pressure adjustment is remote controlled and each station is equipped with length and cross register

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guarantees service!

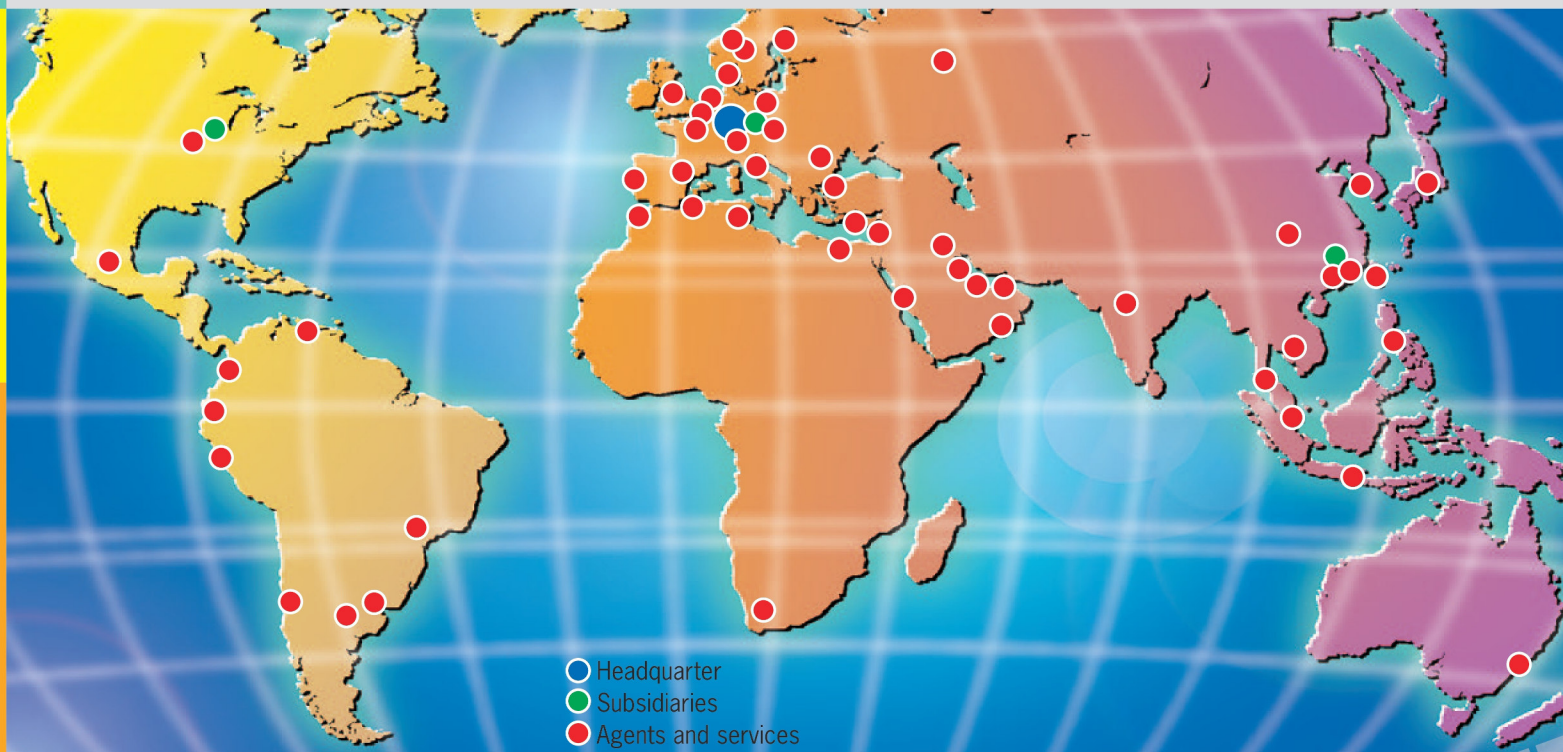


Whether your application calls for rotary tooling or a module for in-line process solutions or your focus is more directed to production results than unusual material combinations – Contact Us! because we offer our complete service to you. Profit from our competent consultation service available worldwide!

Take advantage of our engineering with its wealth of experience in a wide array of applications. Count on quality and reliability because Schober employs a DIN EN ISO 9001:2000 certified quality-management system. Put your trust in our professional customer service and our tooling and spare parts inventory offering un-

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- **Quality Products**
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- **Reliability**
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