



Behbud Sanat Shams

شرکت فنی مهندسی بهبود صنعت شمس

XMQ-1520/XMQ-1650 SEMI AUTOMATIC DIE CUTTING&CREASING MACHINE



PRODUCT FEATURE:

1. High-grade Advanced Electrical Equipment.
 2. With die cutting frame automatic lock design, high safety and convenient and easy operation.
 3. Clutch from Italy
 4. Main drive chain in RENOLD from UK.
 5. The feeder with 4 suction and 4 feeding makes paper feeding smoother.
 6. Long Life of the Machine, Higher Income on Investment.
 7. PLC in SEMENSE, Electrical components from SCHEEIDER.
 8. Fully automatic non-stop paper feeding and stacking trolley improve the production efficiency.
- semi-automatic die cutting machine pad printing machine.

XMQ-1520/XMQ1650 Semi-automatic Die Cutting and Creasing Machine is commonly used for the die cutting and creasing work. It is widely used on paper-made packaging materials such as paper boxes, cartons, trademarks, invitation greeting card, and corrugated carton.

This machine adopts numerous advanced pneumatic and servo driving processing technology from home and abroad. After the strict assembly quality control, it has advantage of simple operation and safe reliable.

Superior ability to adapt and convenient operation which make machine work stable and safety when machine speed reach 4000 sheets per hour. This machine will provide you to enjoy the comfortable operation and faster return on investment.



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TECHNICAL SPECIFICATION:

Brand/Model	XMQ-1520	XMQ-1650
Max Paper Size	1520x1100mm	1650x1210mm
Min paper size	550x500mm	650x550mm
Max die cutting size	1500x1100mm	1620x1190mm
Stock range	Cardboard 120-2000g Corrugated ≤ 7 mm	Cardboard 120-2000g Corrugated board ≤ 8 mm
Semi Auto Max speed	4500 sheets/hour	4000 sheets/hour
Full Auto Max speed	5000sheets/hour	4500sheets/hour
Die-cutting Pressure	300T	300T
Cutting Accuracy	$\leq \pm 0.2$ mm	± 0.5 mm
Pressure adjustment	± 0.1 mm	± 0.5 mm
Minimal griper edge	8mm	9mm
Total power	16.5kw	21kw
Weight	About 19 ton	About 24 ton
Overall dimension	6700x5100(platform incl.)x2300mm	6900x6000(platform incl.) x 2500mm

LOCAL DESCRIPTION:



Feeding Section: c semi auto die cutting machine

Apply to various size and thickness.

Apply to corrugated board less than 9mm.

Provide gripper feeding way.





	<p>Die-cutting Section: semi auto die cutting machine</p> <p>Use imported components with high quality. Ensure more accurate control. Have high standardization and generalization. Apply to mass production. Cut down the cost.</p>
	<p>Main -machine Interface s cutting machine</p> <p>special equipment designed and developed applicable to the die-cutting and creasing of advanced colorful boxes and cartons with high production efficiency, multi-function high safety and easy operation to be combined.</p>
	<p>Die-cutting Section</p> <p>Use imported components with high quality. Ensure more accurate control. Have high standardization and generalization. Apply to mass production. Cut down the cost.</p>
	<p>Delivery Section</p> <p>Adopt non-stop automatic delivery system. Increase the work efficiency. Adopt safe photoelectric detection device. Ensure smooth and steady delivery.</p>
	<p>Main Chain Drive</p> <p>Adopt high accuracy over loading chain. Have high tensile strength and abrasion-resistance</p>
	<p>Electrical control Part semi auto die</p> <p>Adopt PLC control system. Equipped with safety protection device. Have sound & light alarm and automatic shutdown when accident occurs.</p>



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	<p>Ensure the safety of man and machine.</p> <p>Main Driving System: semi auto die cutting machine</p> <p>Adopt worm wheel and worm gear</p> <p>Adopt shell bearing connection.</p> <p>Ensure smooth and steady operation.</p> <p>Ensure high pressure of die-cutting</p>
	<p>Die-cutting & Creasing Part</p> <p>Adopt overload protection mechanism. Separate the driving and driven parts automatically when overload accident happens. The unique die-cutting frame can prevent the die-cutting board from dropping and separating.</p>

1. Worm gear made of **tin bronze** from Germany, features with high abrasion resistance, processed and scrapped by high-class technology as least 2 weeks, which improves the die cutting precision, extend the service life up to 8- 10 years.
2. Chains adopt **RENOLD** Brand from UK, featured with high abrasion-resistance, high stretching resistance, to make sure the precision of the die cutting.
3. die cutting steel plate made of imported **65 manganese steel**, with huge hardness.
4. Entire machine adopts **NSK bearing**, improves quite running poverty
5. Gripper bars processed by hard **aluminum alloy**, with anode treatment on the surface, featured with high-intensity.

Behbud Sanat Shams Asia

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