



MACHINERY

HELP REDUCE YOUR
CARBON FOOTPRINT.
GET PACKAGING
RIGHT THE FIRST TIME.

PRODUCT SPECIFICATIONS

Paper Folding Machine

www.topazpacktech.com





TOP-NOTCH PACKAGING SOLUTIONS

Produced according to world-class standards, our innovative product gives you the protection of world class level with the curbside recyclability that consumers desire.

GOOD CONSULTING DEVELOPING TAILORED SOLUTIONS.

To optimize protective packaging and ergonomic procedures – in the Topaz Packaging process, we combine comprehensive consulting, technical expertise, and innovation in order to develop the right solution for you. We analyze the existing packaging and production processes and the current cost situation. On this basis, we ensure ergonomic workflows, optimal value for money, and protective packaging, which can be integrated into your processes with ease. We can use components of our comprehensive portfolio or customize something new just for you. Thanks to our network of sites around the world, we manufacture in close proximity to you, deliver just in time, and are personally available at all times to assist you with our technical know-how.



Operational Efficiency

INTO-THE-BOX

How effective, efficient and ergonomic is your packing process?



Product Integrity

IN-THE-BOX

How well are your products protected?



Brand Experience

AROUND-THE-BOX

How well is your packing integrated into your intralogistics?



Package Optimization

OUT-OF-THE-BOX

How are your customers' unboxing-experiences?



INFLUENCING FACTORS



Humidity



Weight



Cost

...

and more

CONSIDERATIONS THAT WILL HELP YOU DETERMINE YOUR PACKAGING REQUIREMENTS

Weight	- Consider the strength and durability of the packaging box - An appropriate box should be able to securely hold the weight of the contents being shipped
Size and Shape	- Items should not touch the outer wall of the box - Odd-shaped or rounded packaging may need extra attention
Form of Contents	Special packaging materials and packing techniques are required for shipping liquids and powders
Value of Contents	Extra cushioning and protection may be required for high value goods
Fragility	- Extra cushioning and protection are required for fragile items - Apply special handling label
Final Use	- Does the box need to be retail ready? - Do you want to avoid any markings on the box?
Regulations	Some regulated items may require specialist packaging

CHALLENGE

Consumer expectations are higher than ever before. Their packaging preferences are driven by functionality to protect the product from damage and ease of disposal. Their satisfaction level is also closely tied to whether their item was over or under-packaged. As a result, having the ability to provide the optimal level of protection with solutions that offer varying degrees of durability is critical to ensuring consumer satisfaction.

Paper Folding Machine



01	Model number	Topaz-780-Paper Folding Machine
02	Web working width	780mm
03	Maximum unwinding diameter	1000mm
04	Maximum roll weight	1000Kgs
05	Running speed	5-300m/min
06	Fold size	7.25-15 inches
07	Machine weight	5000kgs
08	Machine size	6000mm*1650mm*1700mm
09	Power supply	380V 3Phase 5 wires
10	Main motor	22KW
11	Paper loading system	Automatic hydraulic loading
12	Unwinding shaft	3 inch inflatable air shaft
13	Switch	Siemens
14	Touch screen	Mikom
15	PLC	Mikom

16	Electrical	Mikom
17	Tension control	Wenew
18	Web guide device	Dongdeng
19	Touch screen fault alarm device	1 set
20	Cross rolling line device	1 set(optional)
21	Bearing	NSK(import)
22	Conveyor belt	Nita(import)
23	Lubrication method	Automatic oiling
24	Sitting device	1 set
25	Paper output mode	Electric machinery
26	Waste discharge mode	Air blower
27	Main driving part	High precision gear
28	Wallboard	45mm thick Overall
29	Whole machine	Baking varnish

Packaging Function					
Type of Material	Cushioning	Void Fill	Protection	Divider	Other Function
Bubble Wrap	✓	✓	✓		
Small Cell ¼ inch Suitable for lightweight items					Interleaving
Large Cell ½ inch Suitable for medium weight products					Blocking
Foam Wrap	✓	✓	✓		
Foam Peanuts/Pellets	✓	✓		✓	
Air Bags		✓			
Crumpled Paper		✓	✓		
Corrugated Inserts		✓	✓	✓	
Shredded Cardboard		✓	✓	✓	Shock Absorption