

Typhoon series

Automatic rotary machine for packaging in cups and trays

Impac Engineering Ltd. developed the Typhoon series, the best cups fill & seal machine, to address the necessity of packaging in cups.

The Typhoon series is designed to fill premade plastic cups and trays with powders, pastes and liquids i.e. yogurt, mousse, jam, honey, creams, salads, alcoholic beverages, water and many other applications. The machines are suitable for a wide range of industries including:

- Cosmetics and pharmaceuticals
- Food, including dairy products
- Detergents and chemicals

Operation principle:

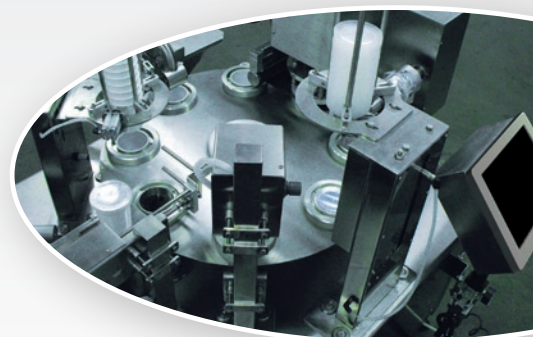
The machine consists of a monoblock base and a rotary indexing table which holds 6, 8 or 12 cups. The table transports the cups through the stations which are located around it.

The machine is available with a variety of stations according to the product's features and customer's needs:

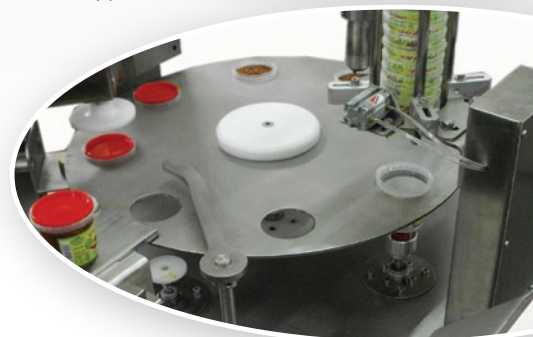
- Automatic cups/trays feeder
- Various options for the main filling device include a piston-filler for creams and liquids, an auger-filler for powders, a weighing device for granulates, etc.
- Various dosing units for toppings:
 - Spice toppings powdering unit (i.e. paprika on Hummus)
 - Grain toppings depositor (i.e. pine nuts or almond flakes)
 - Liquid toppings depositor (i.e. sauce, olive oil)
- Thermo-seal unit using pre-made aluminum lids that are fed from a magazine or foil fed from a roll-stock.

Gas-wash Anti-aging System - G.A.S™ to improve shelf life of the product.

- Automatic caps feeder
- Capping unit
- Coding device
- Discharging conveyor extension
- Labeling station
- Rotary table to collect the filled cups



Typhoon 80



Typhoon 50

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since 1974

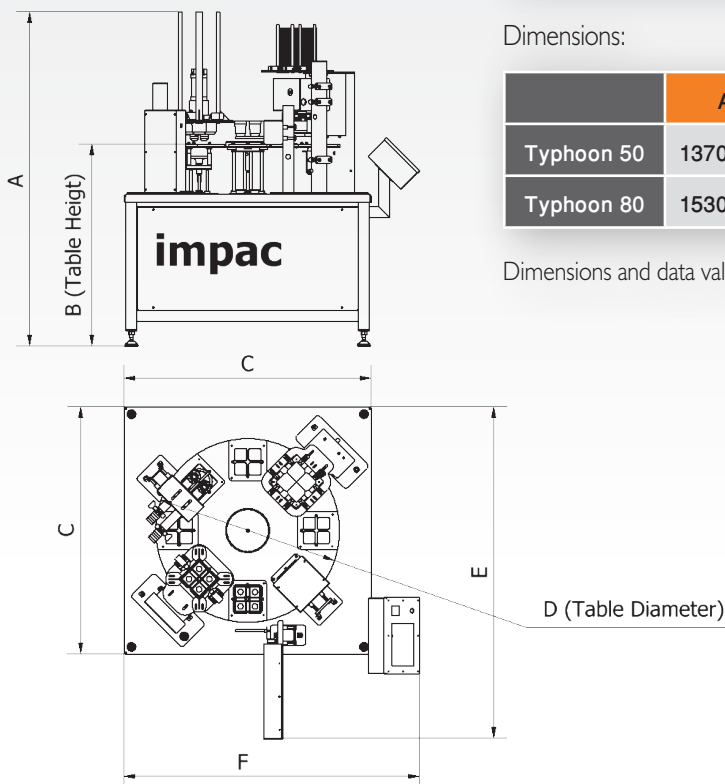
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Technical information:

- Construction and upper deck are built from 304 stainless steel (SS 316 as an option).
- Servo gear-motor or Geneva wheel to operate the index rotary table.
- Pneumatic and electric operation.
- Controlled by PLC and touch-screen.
- The machine is made with contact materials which comply with international standards for food grade materials

Model	Typhoon - 80		Typhoon - 50	
Max. cup dimensions (mm)	Ø130x 180	135x135x180	Ø 95X120	110x110x120
Max. output (cups/min)	18		24	
Power	220V 50Hz 12A / 110V 60Hz 24A			
Air pressure	5-6 Bar			



Dimensions:

	A	B	C	D	E	F
Typhoon 50	1370 mm	900 mm	812 mm	550 mm	812 mm	1030 mm
Typhoon 80	1530 mm	900 mm	1115 mm	850 mm	1500 mm	1330 mm

Dimensions and data values are subject to change without prior notice.

Impac Engineering Ltd. | Designing and production of machinery and automation

POB 747, givat haim ichud 38935, Israel.

tel: +972-4-6222 325 | fax: +972-4-6369880 | e-mail: impac@impac.co.il

www.impac.co.il