

DOTT. BONAPACE & C.

Pharmaceutical Machinery Division



IN-CAP[®]

**Automatic Bench Top Capsule
Filling Machine
for Powders, Pellets, Tablets and Liquids**



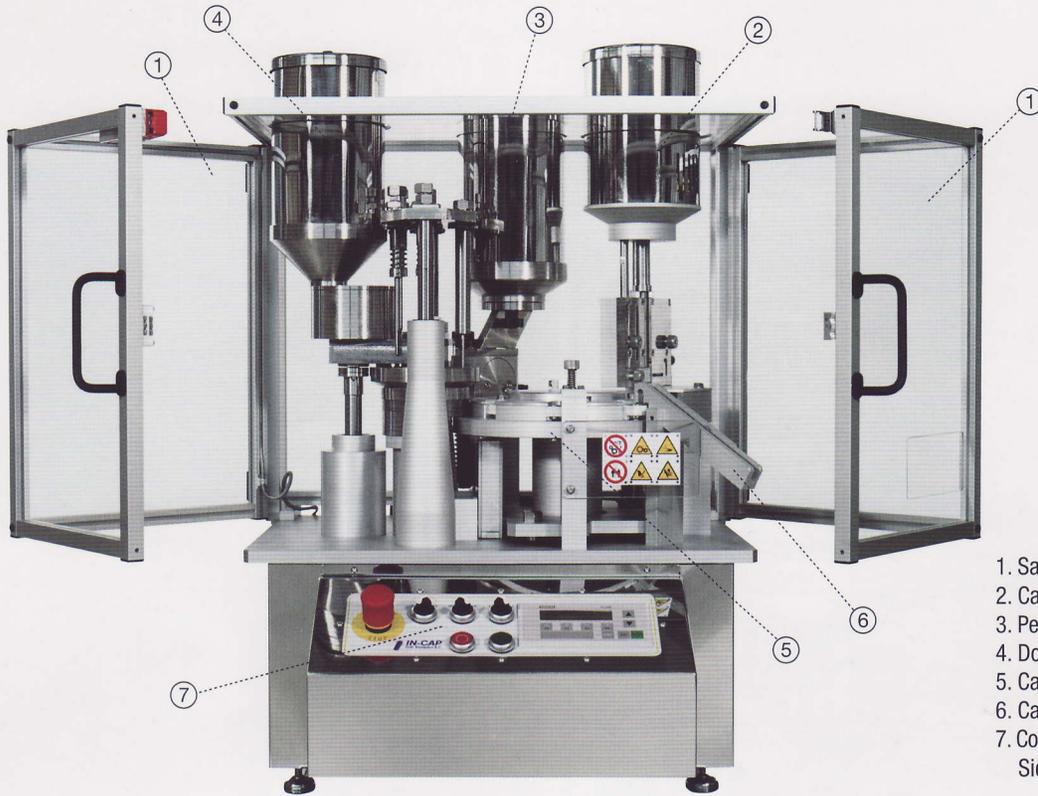
Output: 3.000 capsules/hour

IN-CAP: the first bench top capsule filling machine fully automatic.

In a few years, it has become rather popular all over the world among R&D laboratories, pharmacies, hospitals, etc. for trials research, batch productions, and in laboratories for full production utilisation. Now available with filling station for liquids or semi-dense products.

Machine manufactured according to CE and GMP rules. Validation IQ/OQ available upon request.

IN-CAP MACHINE EQUIPPED WITH POWDER AND PELLETS DOSING STATIONS



1. Safety guards
2. Capsule hopper
3. Pellets feeder
4. Dosing group for powder
5. Capsule cap closing
6. Capsule ejection
7. Control panel incorporating Siemens PLC

IN-CAP MACHINE EQUIPPED WITH POWDER AND LIQUIDS DOSING STATIONS



1. Capsule hopper
2. Jacketed heated hopper with mixer
3. Dosing adjustment for liquid filling
4. Dosing group for powder

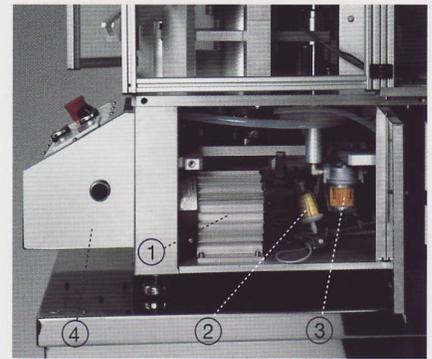
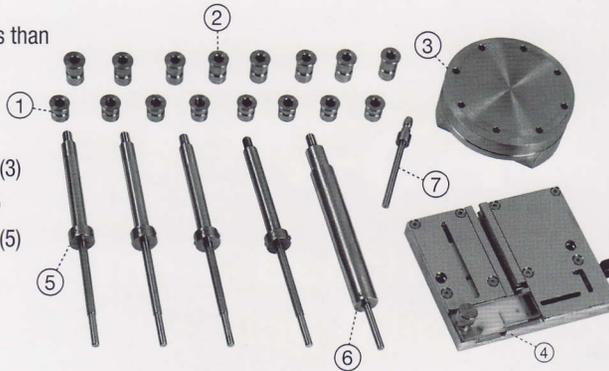
FILLING NOZZLE FOR LIQUID FILLING FROM 0,15 TO 1.000 MG.



Change size Kit

Change size operation takes less than 15 minutes. No tool required.

- 8 upper bushings (1)
- 8 lower bushings (2)
- 1 dosing disc with counter disc (3)
- 1 capsule orientating group (4)
- 4 pins for powder compression (5)
- 1 pin for powder transfer into the capsule body (6)
- 1 pin for capsule closing (7)



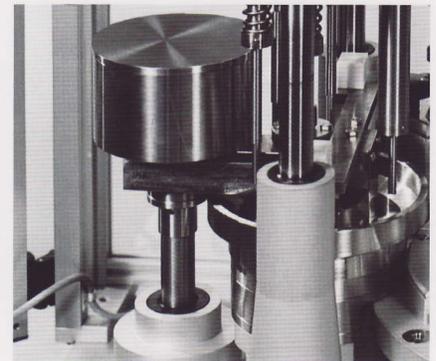
1. Vacuum pump for capsule opening
2. Vacuum switch with filter
3. Filter for vacuum pump
4. Manual switches (on both sides)

Possible dosing combinations for our IN-CAP machine

- Powder
- Pellets (microgranules)
- Pellets + powder
- Liquid or jelly
- Liquid or jelly + powder
- Mini-tablets + powder or pellets
- Tablet + powder or pellets

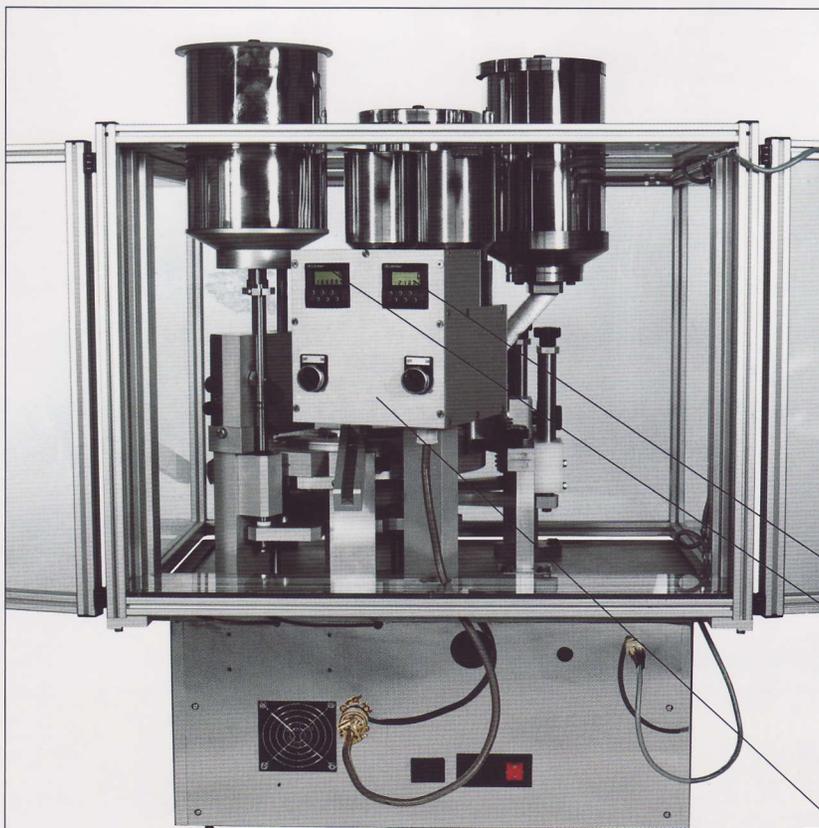
Special applications:

- Use of DB capsules
- Special dosing discs for minimal powder dosages (starting from 8 mg)
- Pellets + tablet + pellets
- Pellets + pellets
- Pellets + pellets + pellets
- Special execution in stainless steel
- Other applications upon request



Powder dosing station with reduced bowl ideal for small production batches.

MINI-TABLETS: DOUBLE FILLING STATION FOR PRECISE COUNTING

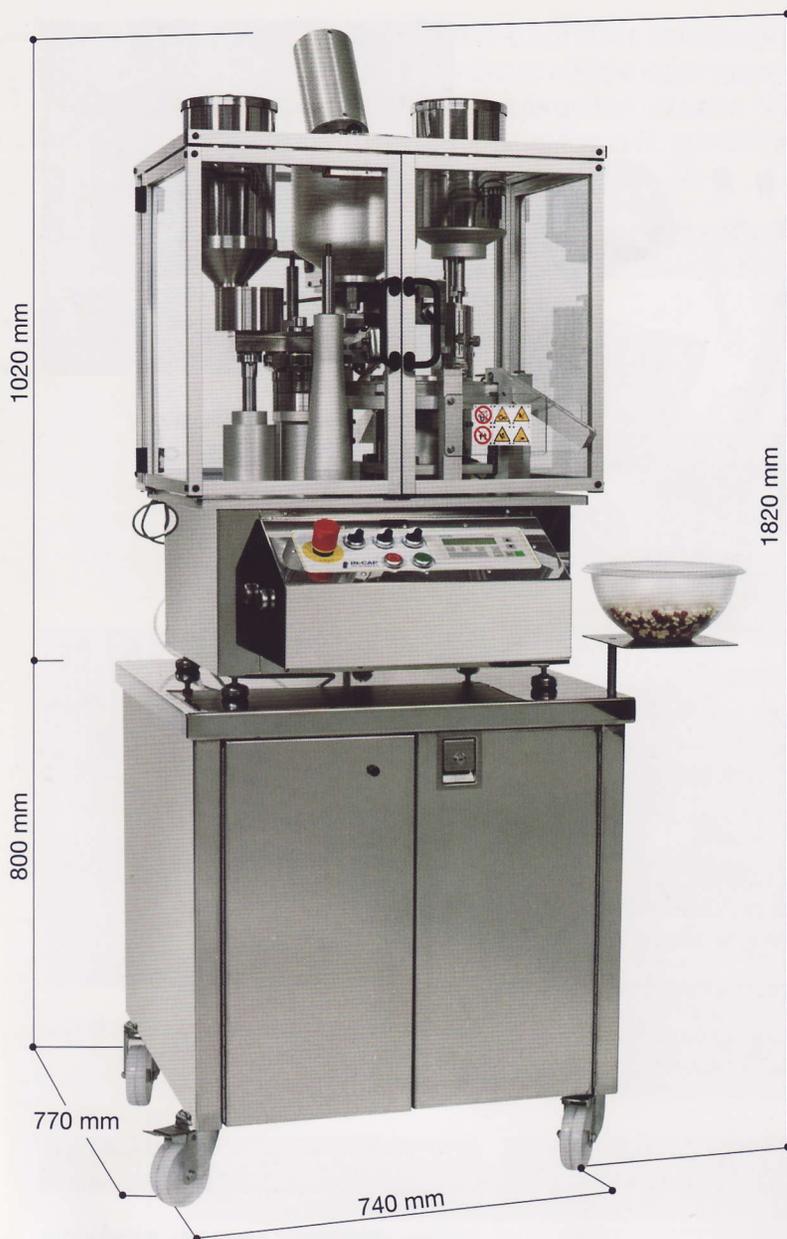


STAINLESS STEEL VERSION



s.s AISI 316 for all parts in contact with product
s.s AISI 304 for all the other parts

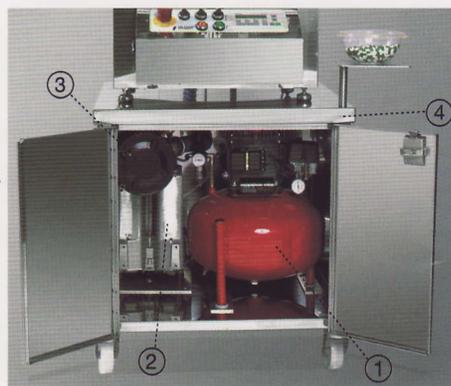
Setting for precise counting



1. Filter with gauge for compressed air adjustment
2. Vacuum pump aspirating pipe
3. Fan
4. Exhausted air from vacuum pump
5. Switch on/off of the machine
6. Ejection of un-opened capsules
7. Capsules hopper
8. Pellets filler
9. Powder filling group



1. Air compressor
2. Aspirating vacuum pump
3. Filter for the vacuum pump
4. Stainless steel carriage with custer wheels



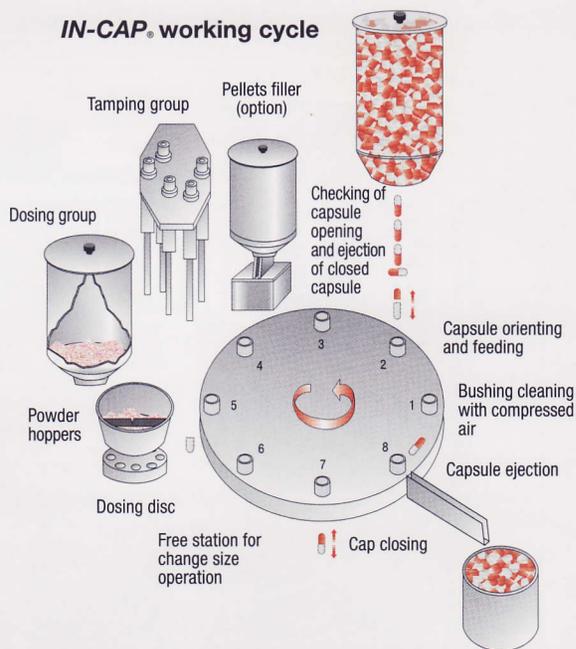
Technical data

- Capsule sizes: 00 - 0 - 0+ - 1 - 2 - 3 - 4 and "DB"
- Electric voltage: 230 Volts - 50 or 60 cycles - single phase
- DC Motor: 120 Watt - 24 Volts
- Vacuum pump for capsule opening: capacity 6 m³/hour
- Aspirating vacuum pump: capacity 90 m³/hour Delta P. 120 Millibar
- Air compressor: capacity 50.l/minute - working pressure 1,5 Bar
- Electric absorption: 0,5 kW (including the vacuum pump)
- Net weight of the standard machine: 130 kg approx.

Shipping details

IN-CAP®: gross weight 170 kg - case dimensions: 1.000 x 750 x 950 mm
 Carriage: gross weight 50 kg - case dimensions: 1.000 x 750 x 950 mm

IN-CAP® working cycle



Please consult our Web Site www.dottbonapace.com to get the complete sale program of our machines.



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