



ST SIDDHI TOOLS

Unit - I

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MAHARASHTRA - 401208 -

Unit – II

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COMPANY PROFILE

SIDDHI TOOLS

Greetings!!

Welcome to SIDDHI TOOLS

Here is a brief of our company, we are in the business of mold construction and our specialty is in the production of high performance fully hot runner, semi hot runner & cold runner injection molds in the field of caps and closures. From single cavity pilot tools/ molds as well as 32 cavity commercial molds can be produced and delivered in a very short period of time.

The tools used for the production of Beverage & Drinking water caps, Flexible Packaging Spouts & Caps, Closures for Medical and Pharmaceutical Application, Flip-tops for Tubes & Bottles, Caps for Cosmetic & Personal Care, Caps for Industrial Packaging etc. are manufactured in our factory by our team of highly experienced toolmakers on the latest state-of-the-art machinery.

Our Range of Services Includes:

- Concepts and Improvements in the field of mold manufacturing, tool design & construction.
- R&D towards design of new plastic products, continuous development of existing plastic parts for betterment, modernization & high productivity.
- High speed manufacturing of Pilot molds/ tools followed by conversion of those into full-fledged production molds.


Who We Are

SIDDHI TOOLS is a growing young company, based in the Industrial Township of Vasai. The Director, Mr. Anand Kumar, established the company in the year 2017 after 16+ years of rich experience in mold manufacturing.

Research & Development

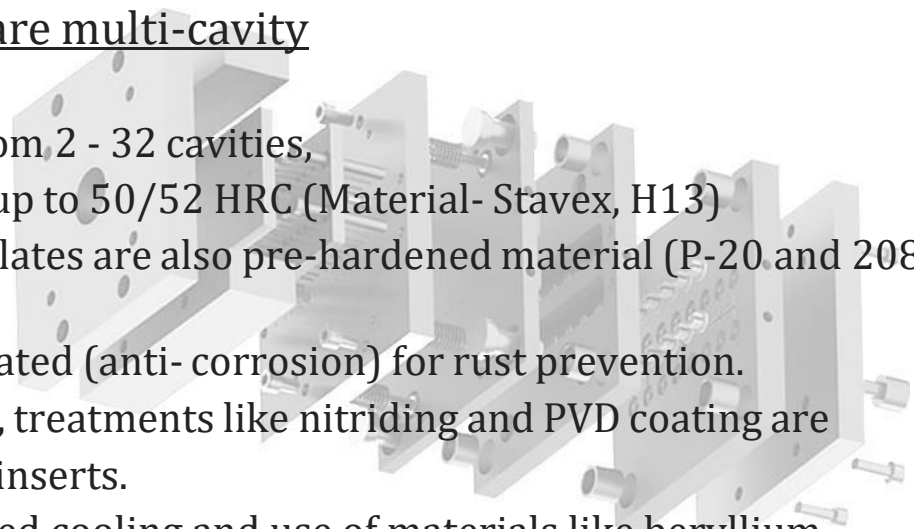
We are able to make all these efficient and reliable molds because of our continuous technological research and all our past experiences.

For this we follow the step-by-step procedure.

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- First, we understand the exact requirement of our customer. For that we take references of their sketches, dummy models etc.
 - After this we do the product designing considering all above points and make 2D drawings as well as 3D models.
 - While doing the engineering drawings as well as 3D models we also consider in mind that the product should be feasible to make the mold as well as the mold should not be too complicated to function.
 - After the approval of model of the product from customer we generally make the pilot mold for the same.

- With the help of this pilot mold the customer gets the samples with which they can take various line trials for leakage, hinge functioning, auto capping, dispensing of product etc.
- This pilot mold also helps us to know exact shrinkages, cycle time and functionality of mold.
- After the pilot tool we can start the production tool considering all the factors which we have experienced during the whole procedure.

All our molds are multi-cavity

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- Ranging from 2 - 32 cavities,
 - Hardened up to 50/52 HRC (Material- Stavax, H13)
 - Our main plates are also pre-hardened material (P-20 and 2085 S.S grade)
 - Surface treated (anti-corrosion) for rust prevention.
 - In addition, treatments like nitriding and PVD coating are offered on inserts.
 - Our balanced cooling and use of materials like beryllium copper also plays a significant role in reducing the cycle time.
 - We developed our in- house HOT RUNNER SYSTEM ranges from 1 Drop to 32 Drop, to timely delivery and able to easily provide services to the customer.

These processes guarantee our molds to perform at least one million shots without the need of an overhaul.

Looking forward for long term business relationship.

Mold MANUFACTURING: OUR IN-HOUSE Mold MAKING

FACILITIES:-CNC Lathe_Ace Micromatic, VMC_Feeler (VMP-32A), EDM_Electronica, Lathe Machine, Vertical Drilling Machine, 2 x Surface Grinding.



ACE CNC LATHE SUPER JOBBER
500LM (200mm Dia Chuck and
500mm Bed Size)

ELECTRONICA EDM 500*300



VMC FEELER-VMP-32A
X-820mm; Y-520mm; Z-505mm

VMC FEELER-VMP-45A
X-1100mm; Y-610mm; Z-600mm



COSMOS EARTH 7040-NC
BED SIZE-700X400(MM)



JP RADIAL DRILL



Chicago Pneumatic – CPM7 D
Air Compressor
Capacity – 7.5Hp
Installed with dryer



JAI PRAKASH LATHE
2 – MACHINES



JP BENCH DRILL



SURFACE GRINDING
3-MACHINES

Injection Molding Machines for In-House Trials and Testing



Brand - SUPERMAC

MACHINE - 1

- CLAMP STROKE - 430MM
- MAX DAYLIGHT - 500MM
- MIN HOLD HT - 180
- TIE ROD DISTANCE - 470MM
- T-SLOT SIZE - 16MM

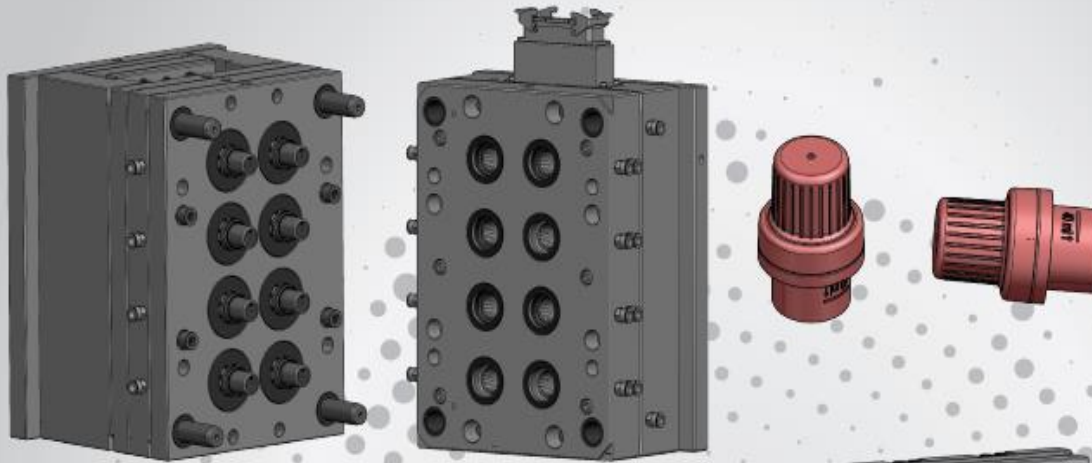
MACHINE - 2

- CLAMP STROKE - 800MM
- MAX DAYLIGHT - 1100MM
- MIN HOLD HT - 300
- TIE ROD DISTANCE - 560MM
- T-SLOT SIZE - 20MM

ST SIDDHI TOOLS

Mfg. of INJECTION MOULDS | Spl. in CAPS & CLOSURES

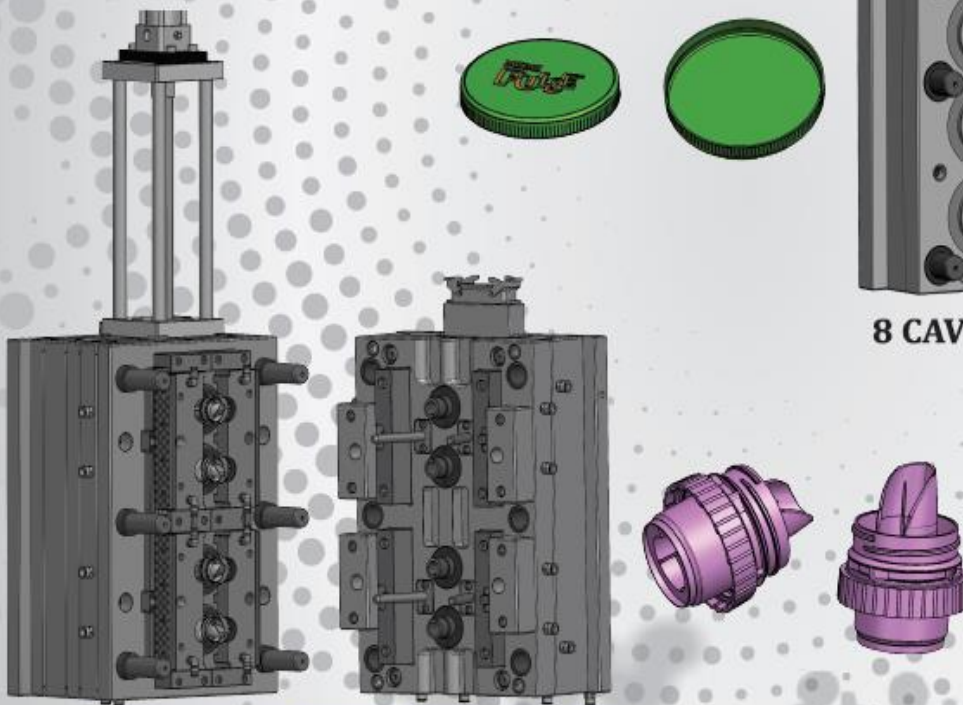
WHEN SUCCESS IS ESSENTIAL, SIDDHI IS YOUR QUALITY CHOICE



8 CAVITY SPOUT OVER CAP MOULD



8 CAVITY 83MM PULSE CAP MOULD



4 CAVITY SPOUT UNSCREWING MOULD





COSMETIC



PERSONAL CARE



BEVERAGES



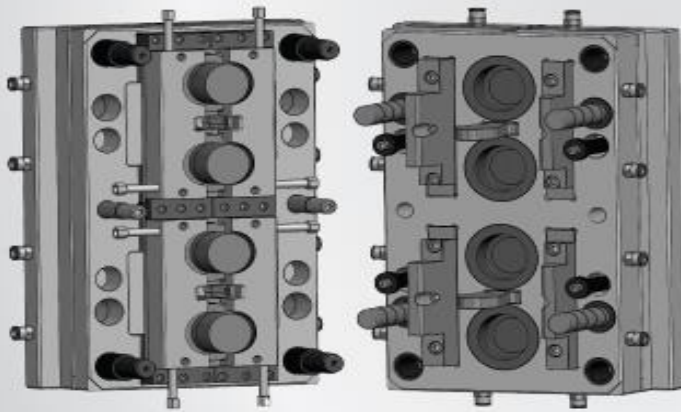
FOOD



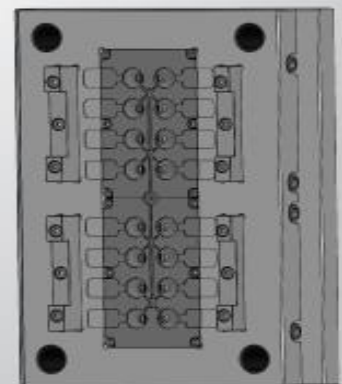
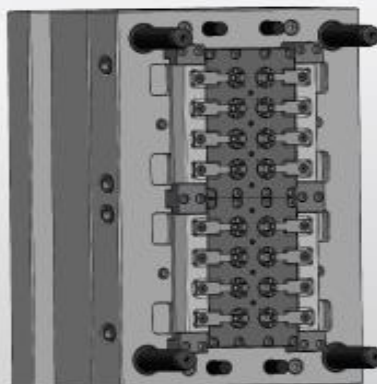
CONDIMENTS



SPICES

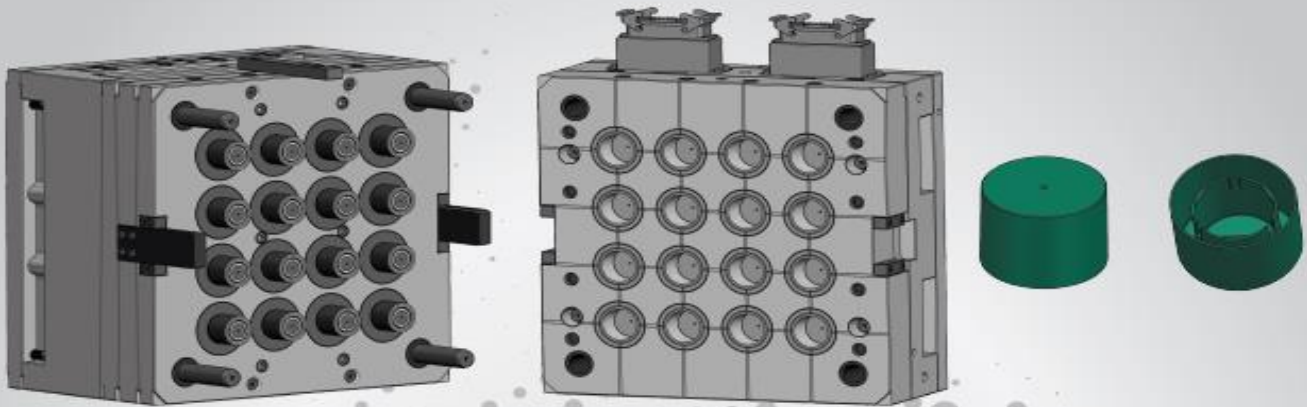


4 CAVITY 50GM SAN JAR SPLIT MOULD

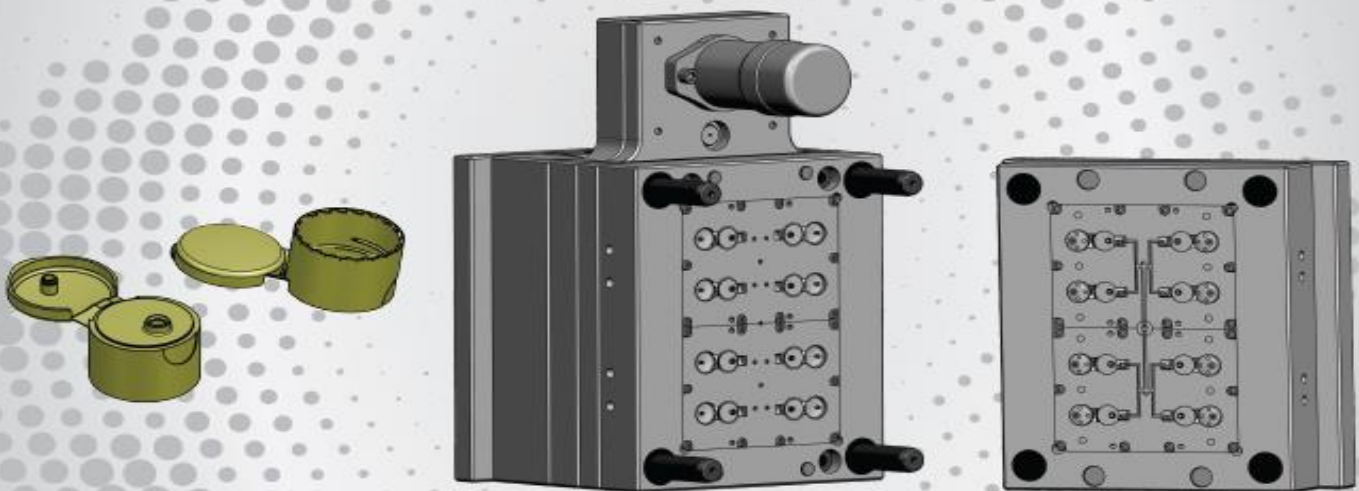


16 CAVITY DISC-TOP CAP MOULD

QUALITY, VALUE & PERFORMANCE



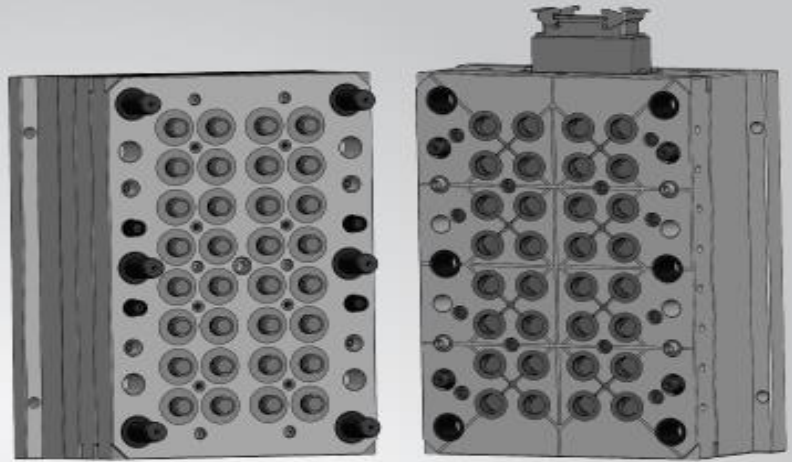
16 CAVITY DEO CAP MOULD



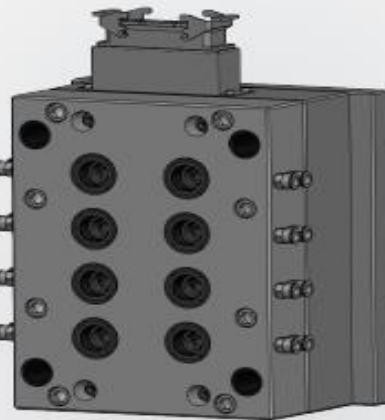
8 CAVITY 28mm FLIPTOP MOULD



8 CAVITY DISC-TOP BODY MOULD



**32 CAVITY TALCUM CAP
8 DROP SEMI HOT RUNNER MOULD**



8 CAVITY SANIFRESH CAP UNSCREWING MOULD

