

Keeping Pace With  
Changing Technology!



Quality, no matter what.

Anish Pharma Equip Pvt Ltd. is engaged in manufacturing & supply of efficient pharmaceutical machinery & equipment. Established in Nashik, Anish has been catering to the needs of pharmaceutical & cosmetic industry for over 25 years.

Anish is a well-recognized brand for fluid bed systems. Seven out of top ten Indian pharmaceutical companies are using Anish machines. Anish has a well-established product development facility (Laboratory) which clients can use for testing of critical formulations that they wish to develop in future. Apart from a well-penetrated domestic market, Anish has machines installed in more than 30 countries including USA, Australia, New Zealand, etc.

### Industries we serve



Pharmaceuticals



Nutraceuticals



Foods &  
Beverages



Cosmetics

A well-recognized global brand  
for fluid bed system

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**ASPTF**

anish Seamless Process  
Transfer Facility



Anish Seamless Process  
Transfer Facility

## FOR OSD - GRANULATION

| Sr. No. | Stages                              | Equipment          | Capacity        | Min Capacity in kg | Max Capacity in kg |
|---------|-------------------------------------|--------------------|-----------------|--------------------|--------------------|
| 1       | Solution Preparation                | Strirrer Small     | 2.00 Litt       |                    |                    |
|         |                                     | Strirrer Small     | 70.00 Lit       |                    |                    |
|         |                                     | Strirrer Pneumatic | 200 Lit         |                    |                    |
| 2       | Granulation                         | RMG                | 10              | 2                  | 7                  |
|         |                                     |                    | 5               | 1                  | 3.4                |
|         |                                     |                    | 2.5             | 0.5                | 1.76               |
| 3       | Fluid Bed Processor for Granulation | APCG MINI C        | 1               | 0.2                | 0.77               |
|         |                                     | APCG NANO C        | 0.5             | 0.05               | 0.5                |
|         |                                     | APCG 175C          | 7               | 0.6                | 3.7                |
|         |                                     | APCG 225C          | 18              | 5.00               | 9.00               |
|         |                                     | APCG 300C          | 47              | 8.00               | 23.00              |
|         |                                     | APCG 450C          | 130             | 22.00              | 65.00              |
| 4       | Sifting Process                     | Vibro sifter       | 30"             |                    |                    |
|         |                                     |                    | 12"             |                    |                    |
|         | Milling                             | MULTIMILL          | 1HP             |                    |                    |
| 5       | Blending Lubrication                | Conta Blender      | 25              | 5                  | 17.00              |
|         |                                     |                    | 15              | 3                  | 10.20              |
|         |                                     |                    | 10              | 2                  | 7                  |
|         |                                     | Octagonal Belnder  | 10              | 2.00               | 7.00               |
|         |                                     |                    | 5               | 1.00               | 3.4                |
|         |                                     | V Blender          | 10              | 2.00               | 7.00               |
| 6       | Measurements                        | Weighing Balance   | 0.025 To 6.00kg |                    |                    |
|         |                                     |                    | 0.025 To10.00kg |                    |                    |
|         |                                     |                    | 0.05 To 100kg   |                    |                    |

## FULL FLEDGE GMP COMPLIANT FACILITY WITH

- Total Process Support
- Technology Support
- Seamless Process Transfer
- GMP Compliant Facility To establish your product at a nominal cost.
- A Team of Professionals to assist & support
- Full Fledge Trial with all utilities & controls
- Flexible batch size from 100gm to 60kg

### Accessories & utilities

- Chiller
- Boiler
- Humidification system
- Dehumidification system
- Necessary Instrumentation- Air balancing & latest Control system
- Comply The Actual Conditions As On Site

## FOR OSD - PELLETIZATION

| Sr.No | Stages  | Equipment              | Capacity         | Min Capacity in kg | MaxCapacity in kg |
|-------|---|------------------------|------------------|--------------------|-------------------|
| 1.    | Solution Preparation                              | STIRRER SMALL          | 2.00LIT          |                    |                   |
|       |   | STIRRER                | 70.00LIT         |                    |                   |
|       |   | STIRRER PNEUMATIC      | 200 LIT          |                    |                   |
| 2.    | Wurster coating technology                        | APCG MINI C            | 1                | 0.2                | 0.7               |
|       |   | APCG NANO C            | 0.5              | 0.05               | 0.500             |
|       |   | APCG 175 C             | 5.4              | 0.6                | 3.00              |
|       |   | APCG 225 C             | 15               | 5.00               | 10.00             |
|       |   | APCG 300 C             | 40               | 8.00               | 27.00             |
|       |   | APCG 450 C             | 110              | 22.00              | 60.00             |
| 3.    | Coating pan coating/ layering technology          | COATING PAN            | 4.00             |                    |                   |
|       |   |                        | 5.00             |                    |                   |
|       |   |                        | 10.00            |                    |                   |
| 4.    | Measurements                                      | WEIGHING BALANCE       | 0.025 to 6.00kg  |                    |                   |
|       |   |                        | 0.025 to 10.00kg |                    |                   |
|       |   |                        | 0.05 to 100.00   |                    |                   |
| 5.    | DOUGH, PREPARATION FOR EXTRUDER, SPHERONISER TECH | RMG                    | 10               | 2                  | 7                 |
|       |   |                        | 5                | 1                  | 3.4               |
|       |   |                        | 2.5              | 0.5                | 1.7               |
| 6.    | EXTRUDER & SPHERONISER TECHNOLOGY                 | EXTRUDER (AEXT-20)     |                  | 0.500/HR           | 10.00/hr          |
|       |   | SPHERONISER (ASPH-250) |                  | 3.00KG/HR          | 9.00KG/HR         |
|       |   | EXTRUDER (AEXT-80)     |                  | 10.00KG/HR         | 60.00KG/HR        |
|       |   | SPHERONISER (ASPH-400) |                  | 12.00KG/HR         | 30.00KG/HR        |
|       |   | EXTRUDER (AEXT-130)    |                  | 60-00KG/HR         | 180-00KG/HR       |
|       |   | SPHERONISER (ASPH-700) |                  | 45.00KG/HR         | 900.00KG/HR       |
| 7.    | SHIFTING PROCESS                                  | VIBRO SIFTER           | 30"              |                    |                   |
|       |   |                        | 12"              |                    |                   |
| 8.    | BLENDING LUBRICATION                              | CONTA BLENDER          | 25               | 5                  | 17.00             |
|       |   |                        | 15               | 3                  | 10.2              |
|       |   |                        | 10               | 2                  | 7                 |
|       |   | OCTAGONAL BLENDER      | 10               | 2.00               | 7.00              |
|       |   |                        | 5                | 1.00               | 3.4               |
|       |   | V BLENDER              | 10               | 2.00               | 7.00              |



## Products Range:

### a. Antihypertensive

- Amlodipine Tablets 5 mg, 10 mg
- Amlodipine + Atenolol Tablets 5 mg + 50 mg
- Atenolol Tablets BP 50 mg, 100 mg
- Diltiazem SR pellets
- Enalapril Maleate Tablets 10mg
- Metoprolol SR pellets
- Nifedipine Tablets 30 mg Extended Release
- Perindopril Tablets, 2 mg, 4 mg, 8 mg
- Valsartan Tablets, 160 mg, 320 mg

### b. Antacids proton pump inhibitors

- Esomeprazole EC pellets
- Lansoprazole EC pellets
- Omeprazole EC pellets
- Pantoprazole EC pellets
- Rabeprazole EC pellets

### c. Antibacterial

- Azithromycin Tablets 250 mg, 500 mg
- Azithromycin SR pellets /Granules
- Ciprofloxacin Tablets USP 500 mg
- Clarithromycin Tablets 500 mg
- Doxycycline Tablets
- Erythromycin Granules
- Ofloxacin Tablets 200 mg

### d. Non steroidal anti-inflammatory drugs

- Aceclofenac SR pellets
- Diclofenac Potassium Granule
- Diclofenac Sodium Granules
- Dipyrone Tablets 500mg
- Desketoprofen Tromethamin Granules
- Indomethacin Tablets / Capsules 25 mg
- Ketoprofen SR pellets
- Mesalamine pellets
- Paracetamol Granules

### e. Antidiabetic

- Metformin Hydrochloride Tablets
- Metformin + Glyburide Tablets
- Glibenclamide Tablets BP 5 mg
- Gliclazide Tablets BP 80 mg

### f. Antipsychotics

- Levosulpride SR pellets
- Haloperidol Tablets BP 2mg

### g. Antifungal

- Griseofulvin Tablets 500 mg
- Ketoconazole Tablets USP 200 mg
- Itraconazole SR pellets

### h. Antiasthmatic

- Salbutamol CR pellets

### i. Antiemetic

- Domperidone SR pellets

### j. Vitamins

- Ascorbic acid pellets
- Folic acid pellets

### k. Cholesterol minimizing agent

- Atorvastatin Tablets 10 mg, 40 mg

### l. Antianginal

- Nitroglycerin Tablets 0.5 mg
- Nicorandil Tablets 10 mg

### m. Antimalarial

- Quinine Sulphate Tablets BP 300 mg

### n. Antispasmodic

- Drotaverine HCl Tablets 80 mg

### o. Anti Gastritis

- Mosapride SR pellets

### p. Antiplatelet agents

- Clopidogrel Bisulfate Tablets 75 mg

### q. Antiviral agents

- Acyclovir Tablets BP 200 mg, 400 mg

### r. Anti allergic

- Cetrizine HCL pellets
- Levocetizine SR pellets
- Pseudoephedrine SR pellets

Some of the major Products in Pellets /Granules form standardized on our Fluid Bed Coater/Fluid Bed Processor installed in our GMP Compliant facility.



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# APCG-175C

Anish Particle Coater Granulator-175 Combo

R&D scale module  
ideal for R&D scale batches

Model Variant:

1. Table Top
2. Composite model

Options available with variant

- a) Bottom spray for Pellet/Particle/Powder coating
- b) Top spray with drying for Granulation
- c) Tangential spray with Rotor inserts for powder drug layering application

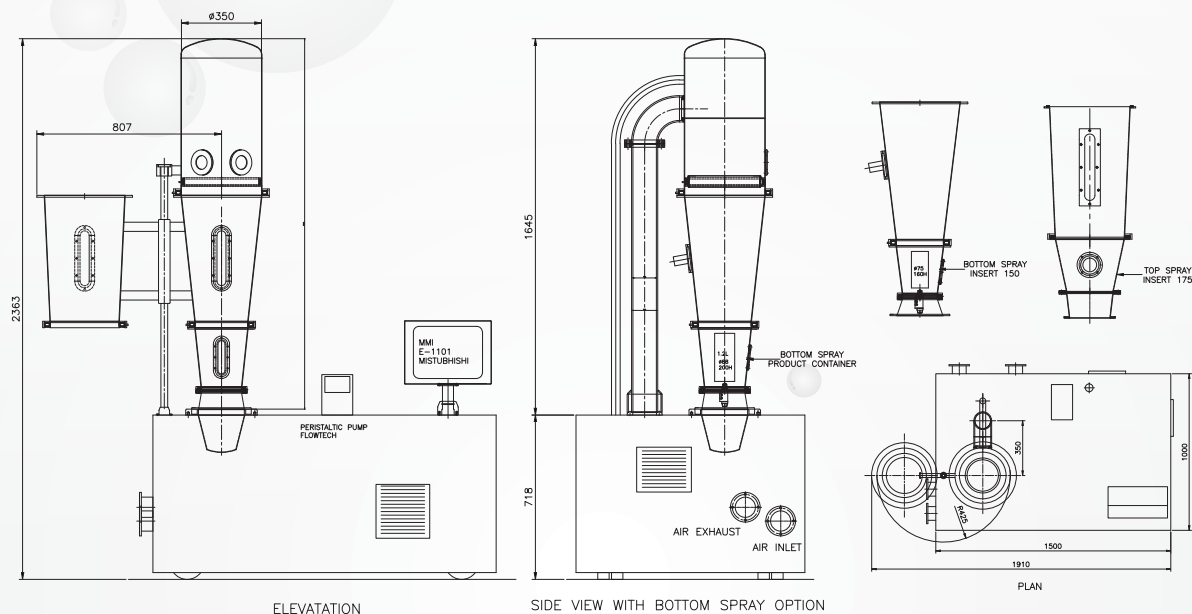
## Salient Features: -

- Ease of handling & operating
- Batch volume -300 gm to 3 Kg.
- Reduced capacity bowl/container available
- Separate AHU with air balancing can be provided with both humidification as well as dehumidification options
- Standard spray nozzle for bottom as well as top spray application.
- Completely pre-installed & tested module.
- Best suitable for total containment applications.
- Hassle free cleaning.
- Advanced automation Remote monitor + SCADA base operation with regulatory compliance (21 CFR part 11 & zone 2 compliance)



# APCG-175C

Anish Particle Coater Granulator-175 Combo



## APCG-175 COMBO - Technical Details

|   |          |
|---|----------|
| Bottom Spray – Pellet / Particle Coating in Lit | 5.4      |
| Top Spray-Granulation in Lit                    | 7        |
| Tangential Spray Powder drug layering in Lit    | 3        |
| Additional Bottom spray Bowl (APCG 150) in Lit  | 3.5      |
| Additional Top spray Bowl (ATSG 150) in Lit     | 3        |
| Electrical Power for Blower in HP               | 3 HP/7.5 |
| Inlet Air volume in CFM                         | 230/300  |
| Air Heater electrical in KW                     | 3.7      |



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# APCG-300C

Anish Particle Coater Granulator  
-300 Combo



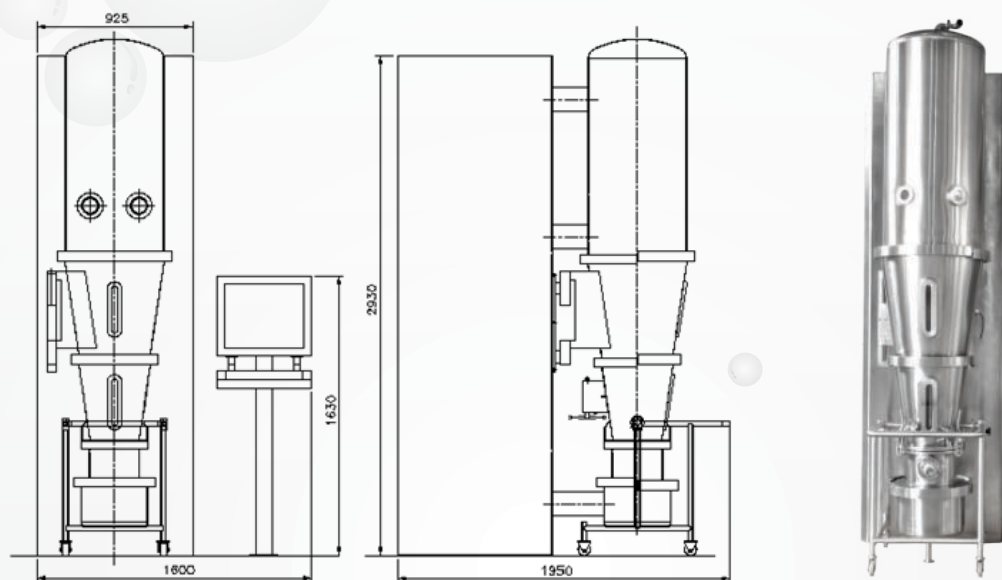
IDEAL for Pilot Scale to Scale Ups  
and a Perfect solution between R&D  
& Scale ups with OPTIMUM FLEXI

## Salient Features:

1. Ease of Operation
2. Batch Volume -2 Kg to 24 Kg
3. APCG - Wurster - Pellet Coating / Particle Coating
4. Granulation Insert
5. Drying Operation with Granulation Insert
6. HVLP - Nozzles available
7. Completely Pre-Installed & Tested Module
8. Operating Control - Touch screen Monitor  
Dust Proof /Atex Proof
9. UTMOST CARE for EHS - Environment / Health /  
Safety
10. Best Suitable for Total Containment Applications
11. Hassle Free Cleaning
12. Inbuilt utilities
13. Explosion vents • vertical horizontal

# APCG-300C

Anish Particle Coater Granulator  
-300 Combo



|   |                          |
|---|--------------------------|
| Volume of product chamber (In Litre)                        | 40                       |
| Bottom Spray - Pellet/ Particle Coating (Capacity In Litre) | 40                       |
| Top Spray - Granulation (Capacity In Litre)                 | 47                       |
| Electrical Power for blower (in HP)                         | 15                       |
| InletAir volume in CFM                                      | 800                      |
| Air Heater electrical in kW                                 | 12                       |
| Compressed Air for coating in CFM                           | 9 at 2 to 4 bar pressure |
| Machine Dimensions in Metres                                | 1.6W x 1.95D x 3H        |
| Machine weight in Kg.                                       | 1500 kg.                 |



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# APCG-C

Anish Particle Coater Granulator- Combo

Bottom Spray model with combination of top spray as an additional feature

## Equipment intended to be used for following purpose:

- Bottom spray option for pellet & particle coating
- Top spray option for Granulation purpose
- Drying with Granulation container

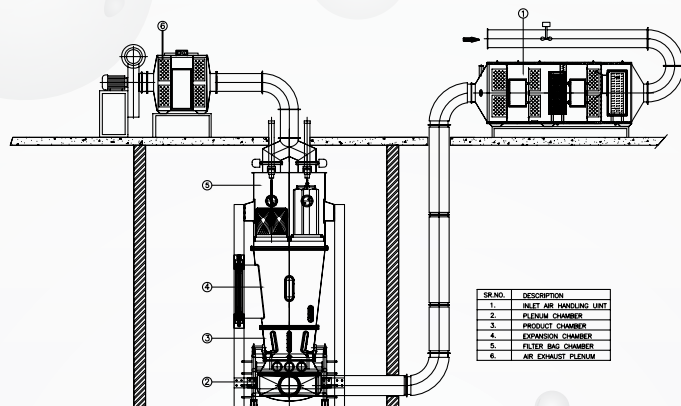
## Salient Features:

- 2 bar/12 bar pressure shock resistant construction
- Auto bag shaking with telescopic cylinder/winch mechanism.
- Safety interlocks for operational ease.
- Spray nozzle advancement – higher spray rates can be achieved
- Less material handling – single pot technology
- Product consistency with defined operating parameter for desire batch
- Inlet & product bed temperature control  $\pm 2^{\circ}\text{C}$
- CFM control:  $\pm 50-70$
- Uniform distribution of binder/coating solution
- SCADA with 21 CFR part-11 compliance
- Customized BMR/ print parameter format as per requirement
- SHE policies compliant
- FLP/Atex-proof instrumentation & compliance available
- Being Combo with Twin partition – Pellet / Particle coating is also possible with max efficiency.
- Face & bypass flaps with pneumatic actuator with positioner control for optimum temperature changeover
- Steam base humidification
- Chilled water base or desiccant type dehumidification



# APCG-C

Anish Particle Coater Granulator- Combo



## Process Advantages of APCG Combo series

- Air velocity varies throughout expansion zone due to conical shape of the expansion zone with better retarding velocities
- Uniform fountain motion
- Gentle material travel
- Better coating and drying efficiency
- Less Fine Generation
- Higher spray rates can be achieved due to higher drying rates
- Fine powder coating without agglomeration
- Better yields with higher assay
- Coating of MUPS & Pellets less than 300  $\mu$  is highly recommended in conical series
- Suitable for Aqueous & Solvent base formulations
- Consistent batch results

## Models:

|  | R&D Model   |            |            | Pilot Model |            |            | Commercial Model |            |             |             |
|--|-------------|------------|------------|-------------|------------|------------|------------------|------------|-------------|-------------|
|  | APCG Mini C | APCG 150 C | APCG 175 C | APCG 225 C  | APCG 300 C | APCG 450 C | APCG 600 C       | APCG 800 C | APCG 1200 C | APCG 1400 C |
| Bottom Spray - container volume (in litre) | 1           | 3          | 5.4        | 15          | 40         | 110        | 250              | 500        | 900         | 1100        |
| Top Spray - container volume (in litre)    | 1           | 5          | 7          | 18          | 47         | 130        | 285              | 640        | 1080        | 1300        |

All models are available in 2 bar as well as 12 bar pressure shock resistant construction.



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# ATSG-C

Anish Top Spray Granulator Combo

Top spray model with combination of bottom spray as an additional feature

Equipment intended to be used for:

- Bottom Spray option for pellet & particle coating
- Top Spray option for Granulation purpose
- Drying with Granulation Container

## Salient Features:

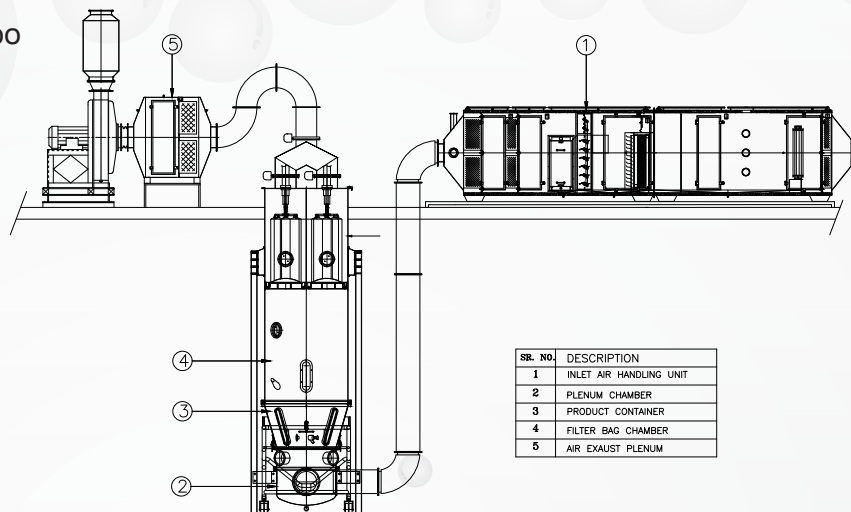
- 2 Bar/12 Bar pressure shock resistant construction
- Auto Bag shaking with telescopic cylinder.
- Safety interlocks for operational ease.
- Consistent batch results
- Less material handling – single pot technology
- Reproducibility with same parameters for every batch
- Inlet & product bed temperature control  $\pm 2^{\circ}\text{C}$
- CFM Control:  $\pm 50-70$
- Uniform distribution of binder/ coating solution
- SCADA with 21 CFR part-11 compliance
- Customized BMR/ print parameter format as per requirement
- Desired LOD can be achieved with the help of utilities
- Suitable for aqueous & solvent base formulations
- SHE policies compliant
- FLP/Atexproof Instrumentation & compliance available
- Combo with Twin partition – Pellet / Particle coating is also possible with max efficiency.





# ATSG-C

Anish Top Spray Granulator Combo



## Models:

|  | R&D Model |           |           | Pilot Model |            |            | Commercial Model |             |             |
|--|-----------|-----------|-----------|-------------|------------|------------|------------------|-------------|-------------|
|  | ATSG-C-5  | ATSG-C-25 | ATSG-C-50 | ATSG-C-125  | ATSG-C-250 | ATSG-C-500 | ATSG-C-800       | ATSG-C-1300 | ATSG-C-1500 |
| Bottom Spray - container volume (in litre) | NA        | 20        | 40        | 110         | 200        | 400        | 600              | 1000        | 1300        |
| Top Spray - container volume (in litre)    | 5         | 25        | 50        | 125         | 250        | 500        | 800              | 1300        | 1500        |

All models are available in 2 bar as well as 12 bar pressure shock resistant construction.

## Additional desired features:

- BBD /SFM Sensor will be provided with adjustable sensitivity.
- Conidure sieve can be implemented as per requirement.
- Antistatic accessories can be implemented as per requirement.
- Spray Nozzle Advancement – Higher spray rates can be achieved
- Product container with Discharge mechanism
- Latest version of PLC Configuration to achieve precise parameter controls



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# AFB-C

Anish Fluid Bed Combo

Top Spray model with combination of bottom spray as an additional feature

**Equipment intended to be used for:**

- Bottom Spray option for pellet & particle coating
- Top Spray option for Granulation purpose
- Drying with Granulation Container

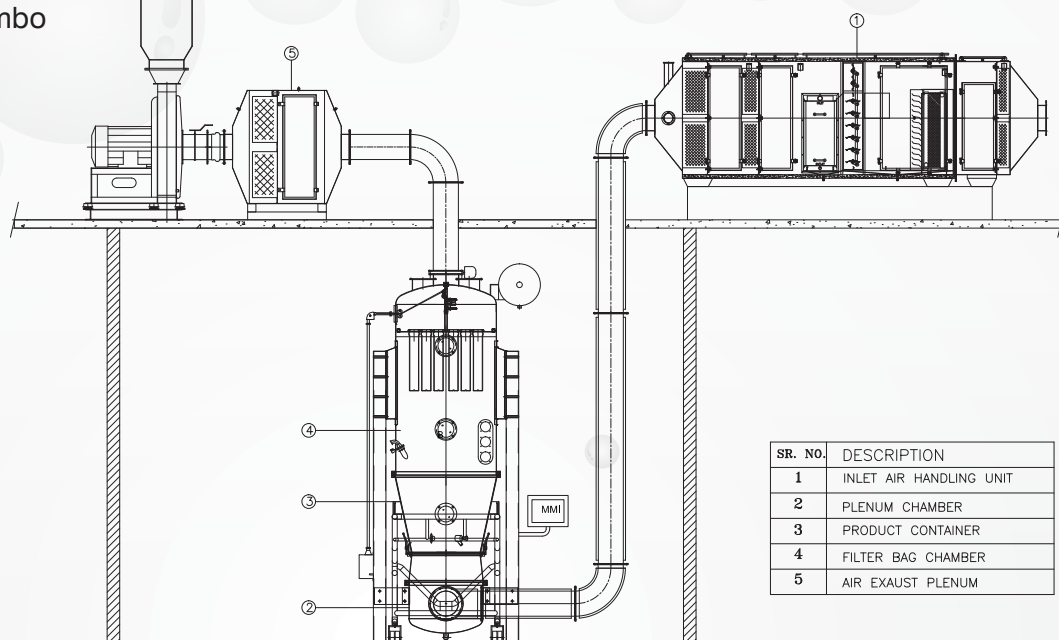
**Salient features:**

- 2 Bar pressure shock resistant construction
- Inverted socks with purging facility
- Safety interlocks for operational ease.
- Consistent batch results
- Less material handling – single pot technology
- Reproducibility with same parameters for every batch
- Inlet & product bed temperature control  $\pm 2^{\circ}\text{C}$
- CFM Control:  $\pm 50-70$
- Uniform distribution of binder/ coating solution
- SCADA with 21 CFR part-11 compliance
- Customized BMR/ print parameter format as per requirement
- Desired LOD can be achieved with the help of utilities
- Suitable for aqueous & solvent base formulations
- SHE policies compliant
- FLP/Atex-proof instrumentation & compliance available



# AFB-C

Anish Fluid Bed Combo



| SR. NO. | DESCRIPTION             |
|---------|-------------------------|
| 1       | INLET AIR HANDLING UNIT |
| 2       | PLENUM CHAMBER          |
| 3       | PRODUCT CONTAINER       |
| 4       | FILTER BAG CHAMBER      |
| 5       | AIR EXHAUST PLENUM      |

## Models:

|   | Pilot Model | Commercial Model |         |         |
|---|-------------|------------------|---------|---------|
|   | AFB-30      | AFB-60           | AFB-120 | AFB-200 |
| Bottom Spray -<br>container volume (in litre) | 110         | 250              | 500     | 900     |
| Top Spray -<br>container volume (in litre)    | 130         | 285              | 640     | 1080    |

## Additional desired features:

- BBD / SFM Sensor with adjustable sensitivity
- Antistatic accessories
- Spray Nozzle Advancement for higher spray rates
- Advance PLC version to achieve precise parameter controls



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# AGL

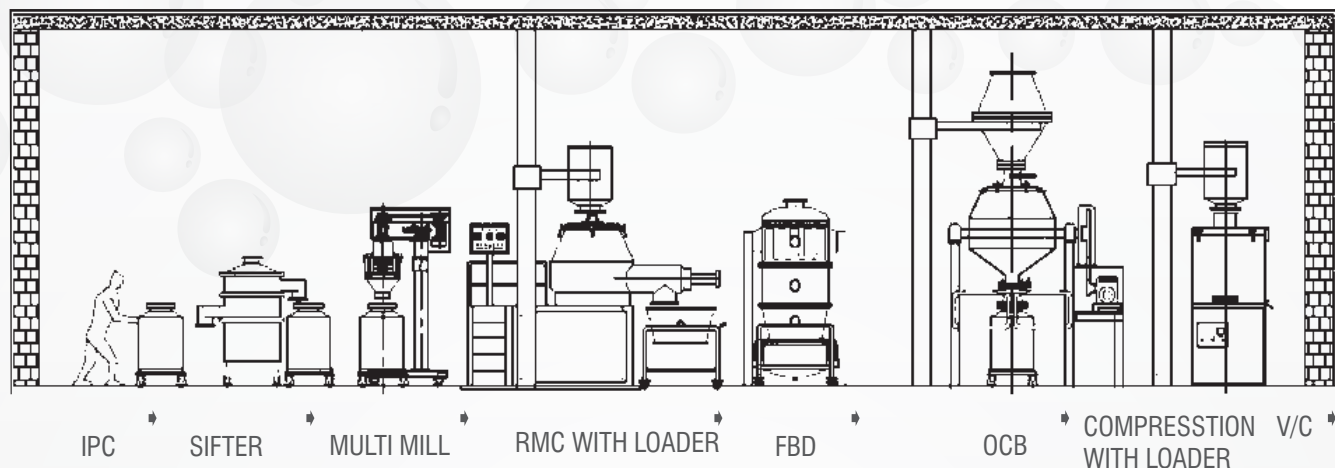
Anish Granulation Line



Anish Granulation Line is a complete process line involving stepwise operation, wherein the final product/ output is compressible granules of required size.

## Salient Features of anish Granulation line

- Closed loop system
- Intelligent recipe management
- Continuous process monitoring
- Minimal manpower
- Greater accuracy in determining & validating granulation end point
- Ease of operation
- Fully automatic as well as manual option
- Easy to Clean



## GRANULATION LINE PROCESS

### Anish Granulation line equipments:

- Paste preparation vessel
- Sifter
- Rapid mixer granulator
- Multimill / Dry-Comill
- Fluid bed dryer
- Lifting column
- Blender
- Auto coater

All equipments are available with variable capacities ranging from R&D, Pilot to Scale up.



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# ARMG

Anish Rapid Mixer Granulator



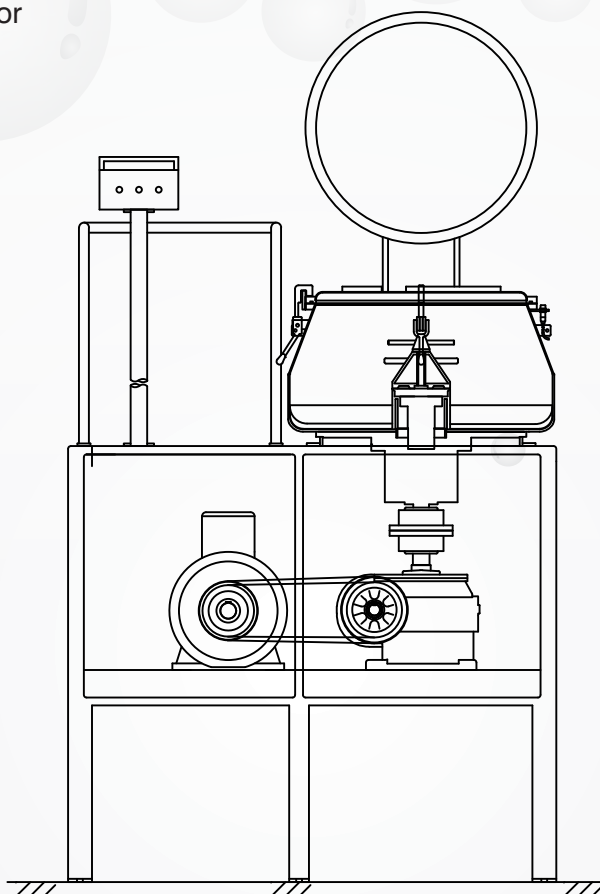
Anish Rapid Mixer Granulator is used for tablet formulation by wet Granulation to reduce processing time, homogeneous mixing, and uniformity of Granules size

## Salient Features:

- Consists of Mixing Bowl, Impeller, Granulator/chopper, inline Co-mill, Side discharge mechanism
- Mixing Bowl assist mixing of cohesive powders
- Unique impeller design significantly improves pre-mixing efficiency
- Impeller lifting option for ease of cleaning
- High speed granulator (Chopper): assist blending of powder & formation of granules & break lumps into required size granules. Granulator rotates at two speeds-1440/2880.
- Inline co mill with discharge port: to reduce oversized lumps resulting in reduced drying time
- Hydraulic / mechanical lid lifting arrangement
- Hassle free cleaning dismantling and assembling
- cGMP compliant safe cleaning & validation
- Advanced automation with regulatory compliance control
- Contact parts: SS 316/316L

# ARMG

Anish Rapid Mixer Granulator



## Models:

|                     | R&D Model |         |         |         | Pilot Model |          |          | Commercial Model |          |          |           |           |           |
|---------------------|-----------|---------|---------|---------|-------------|----------|----------|------------------|----------|----------|-----------|-----------|-----------|
|                     | ARMG-5    | ARMG-10 | ARMG-15 | ARMG-25 | ARMG-100    | ARMG-150 | ARMG-250 | ARMG-400         | ARMG-600 | ARMG-800 | ARMG-1000 | ARMG-1250 | ARMG-1500 |
| Capacity (in litre) | 5         | 10      | 15      | 25      | 100         | 150      | 250      | 400              | 600      | 800      | 1000      | 1250      | 1500      |



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# AEXT

Anish Extruder



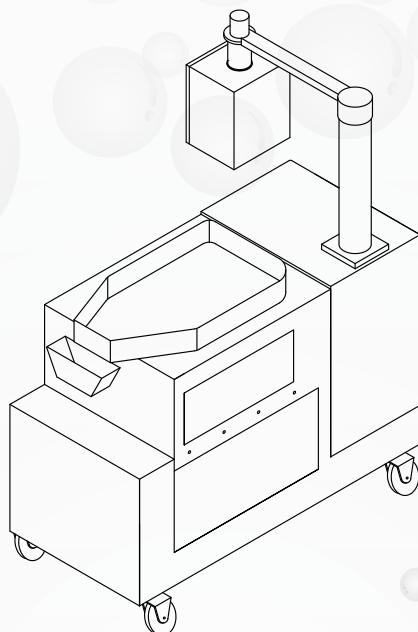
Anish Extruder is used to convert wetted powder/ dough material into uniform size extrudes with addition of binders.

## Salient Features:

- Available in Dome/Radial/Axial options
- Convenient batch size
- Extrusions length is adjustable
- Uniform & consistent product and standard size
- Robust construction & Compact design thus less footprint
- Hassle free cleaning, dismantling & assembling
- Complete process automation with PLC and HMI based control
- High productivity and low maintenance cost
- Complying with cGMP norms
- SS 316 contact parts and food grade silicon gaskets
- Provision for continuous cooling during extrusion

# AEXT

Anish Extruder



## Models:

|          | R&D Model   | Pilot Model   | Commercial Model |               |               |
|----------|-------------|---------------|------------------|---------------|---------------|
|          | AEXT-SS-30  | AEXT-SS-55    | AEXT-TS-80       | AEXT-TS-100   | AEXT-TS-130   |
| Capacity | 0.5-4 kg/hr | 15 - 20 kg/hr | 100-150 kg/hr    | 150-200 kg/hr | 200-400 kg/hr |

## Additional features – Extruder:

- White colour Silicon food grade gaskets.
- MOC – All contact part – SS 316 and Non-contact part SS 304
- Hopper Assembly consists of feeding hopper with feeding plate, this hopper feeds transfers screw.
- Discharge tray for fines generated during process.
- Worm gear reduction gear box & speed inverter from 20-130 R.P.M.
- Easily convertible into a dome, radial or axial extruder.
- Variable speed drive for extrusion screw will be provided.
- Manual mode as well as auto mode control panel with speed variation system
- SCADA based 21 CFR Part 11 Compliant operating system
- Jacketed Extruder (For cooling & heating purpose)
- Provision for Hot Melt application can be considered.



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# ASPH

Anish Spheronizer



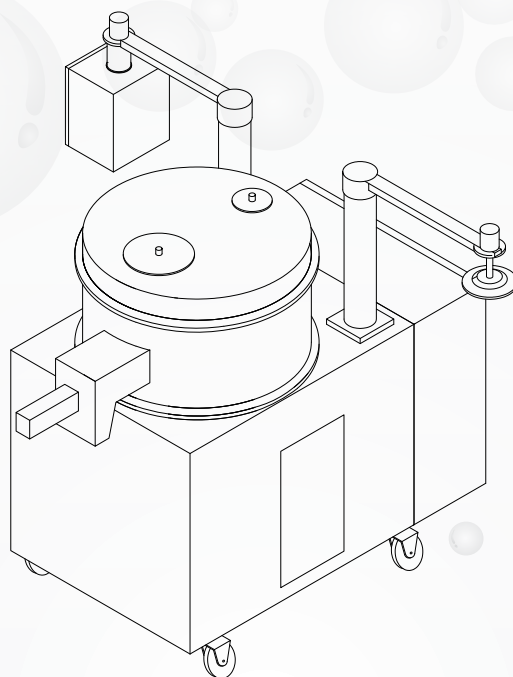
Anish Spheronizer is used to convert the extrudate (output from extruder machine) into small rounded or spherical pellets.

#### Salient Features:

- Convenient batch size
- Uniform & consistent product and standard size
- Compact design thus lesser foot print
- Robust construction
- Hassle free cleaning, dismantling, assembling
- Complete process automation with PLC and HMI based control
- High productivity and low maintenance cost
- Complying with cGMP norms
- SS 316 contact parts and food grade silicon gaskets
- MOC – All contact part – SS 316 and Non-contact part SS 304

# ASPH

Anish Spheronizer



## Models:

|                     | R&D Model    | Pilot Model | Commercial Model |          |
|---------------------|--------------|-------------|------------------|----------|
|                     | ASPH-200     | ASPH-400    | ASPH-700         | ASPH-900 |
| Capacity (in litre) | 0.5 - 1 Lit. | 4 Lit.      | 20 Lit.          | 45 Lit.  |

## Additional features - Spheronizer:

- MOC – All contact part – SS 316 and Non-contact part SS 304
- Drum, controls & discharge assembly.
- Machines can be mobile or stationed
- The drum will be of rotating design to enable discharge from either side.
- Chequered plate of 2 mm, 3.25 mm, 4 mm, 6 mm & 8 mm pitch, dynamically balanced & Easily removable for cleaning with lifting screw arrangement.
- White colour Silicon food grade gaskets
- Plate lifting mechanism provided separately along with bucket valve fitted.
- Discharge Assembly-Contact Parts SS316 Non-Contact parts SS304
- Control System: Manual mode as well as auto mode control panel with speed variance system.
- SCADA based 21 CFR Part 11 Compliant operating system
- Jacketed Spheronizer (For cooling & heating purpose)



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# AOMP-TE

Anish Ointment & Cream  
Manufacturing Plant - Top Entry



## Top Entry Ointment & Cream manufacturing model

**Equipment intended to be used for:** • Ointment • Gel • Cream • Lotion formulation

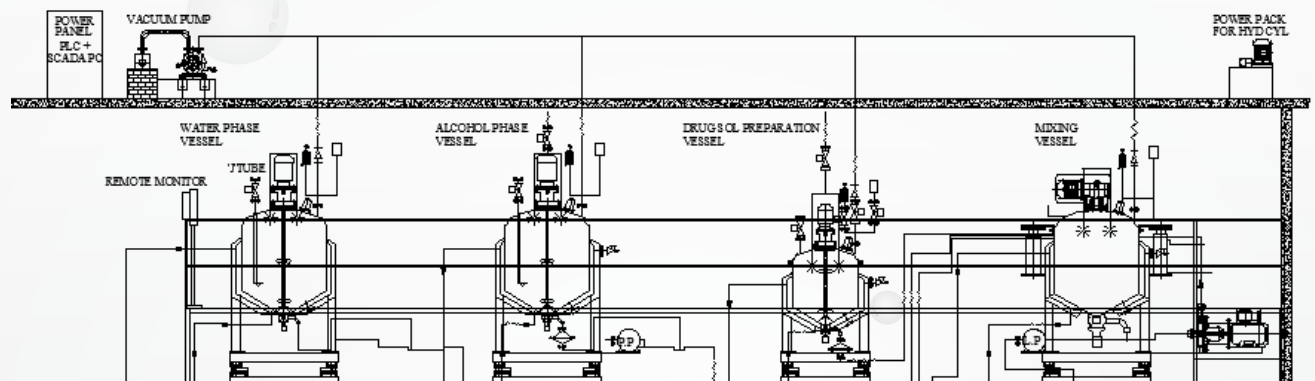
### Salient Features:

- Consists of main manufacturing vessel, wax Phase Vessel, water phase vessel, storage vessels & required accessories
- Main manufacturing vessel is jacketed with top entry design in which anchor is mounted on top dish & specially designed 'U' shaped anchor type agitator, driven by a flame-proof motor with speed reduction through gear box.
- Anchor is of a pipe & baffle plate design for effective & a gentle mixing. suitable semi contra motion design.
- PTFE Scrappers – bolted to anchor prevent the accumulation of material on the inner walls of vessel.
- Equipped with high shear emulsifier (HSE) both Inline and inbuilt type as per requirement for making a Homogeneous product.
- Hydraulic two cylinder-based lid lifting arrangement with proper safety features.
- Wax phase vessel/Water phase vessel with the impeller type high-speed stirrer. The stirrer is directly driven by FLP motor. The stirrer is mounted on the top dish or on bottom dish with pre-determined angle with mechanical seal.
- cGMP compliant safe cleaning & validation
- Advanced automation with regulatory compliance control-21 CFR part 11 compliance
- SS 316/316L contact parts.



# AOMP-TE

Anish Ointment & Cream  
Manufacturing Plant - Top Entry



| Models              | R&D Model  |            |            | Pilot Model |             | Commercial Model |             |              |              |
|---------------------|------------|------------|------------|-------------|-------------|------------------|-------------|--------------|--------------|
|                     | AOMP-10-TE | AOMP-25-TE | AOMP-50-TE | AOMP-100-TE | AOMP-250-TE | AOMP-500-TE      | AOMP-750-TE | AOMP-1000-TE | AOMP-1500-TE |
| Capacity (in litre) | 10         | 25         | 50         | 100         | 250         | 500              | 750         | 1000         | 1500         |

## Additional Features:

- All material transfer is done under Vacuum & transfer Pump
- All vessels are cGMP
- The gaskets are silicon food grade
- The entire plant is equipped with CIP
- Easy for loading & unloading
- Easy for cleaning
- Dry as well as water cooling mechanical seal
- Gear Box-Bonfiglioli/Greaves make



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# AOMP-BE

Anish Ointment Manufacturing  
Plant - Bottom Entry Type



## Bottom Entry Ointment & Cream Manufacturing Model

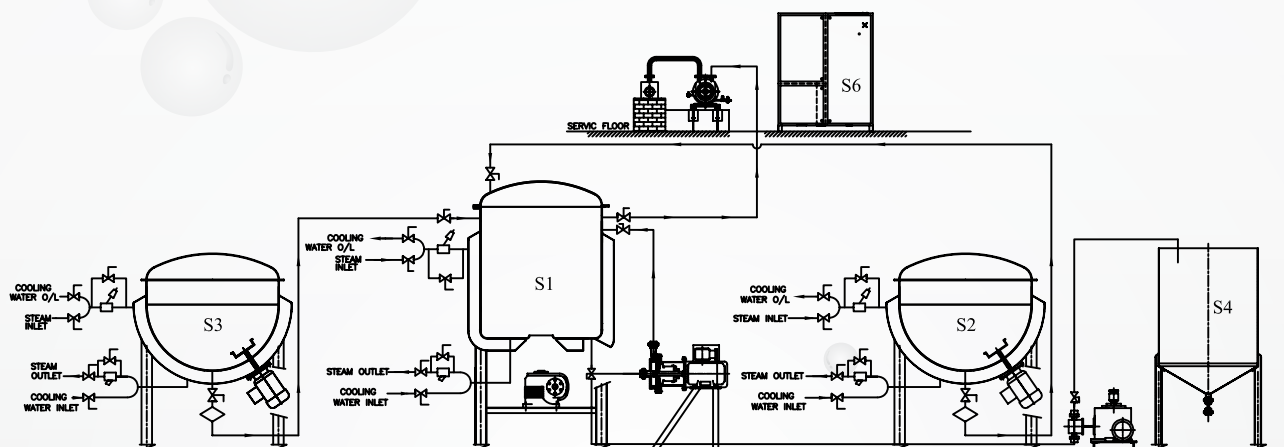
**Equipment intended to be used for:** • Ointment • Gel • Cream • Lotion formulation

### Salient Features:

- Consists of main manufacturing vessel, wax phase vessel, water phase vessel, storage vessel & required accessories
- Main manufacturing vessel is jacketed with bottom entry design in which anchor is mounted on bottom supporting plate mounted below bottom dish & specially designed 'W' shaped anchor type agitator, driven by a flame-proof motor with speed reduction through gear box
- Anchor is of pipe & baffle plate design for effective & gentle mixing, suitable semi contra motion design.
- PTFE Scrappers – bolted to anchor prevent the accumulation of material on the Inner walls of vessel.
- It is equipped with high shear emulsifier (HSE) Inline type for making a homogeneous product
- Wax phase vessel/water phase vessel with the Impeller type high-speed stirrer. The stirrer is directly driven by FLP motor. The stirrer is mounted on the top dish or on bottom dish with pre-determined angle with mechanical seal.
- cGMP compliant safe cleaning & validation
- Advanced automation with regulatory compliance control-21 CFR part 11 compliance
- SS 316/316L contact parts.

# AOMP-BE

Anish Ointment Manufacturing  
Plant - Bottom Entry Type



## Models:

|                     | R&D Model  |            |            | Pilot Model |             | Commercial Model |             |              |              |
|---------------------|------------|------------|------------|-------------|-------------|------------------|-------------|--------------|--------------|
|                     | AOMP-10-BE | AOMP-25-BE | AOMP-50-BE | AOMP-100-BE | AOMP-250-BE | AOMP-500-BE      | AOMP-750-BE | AOMP-1000-BE | AOMP-1500-BE |
| Capacity (in litre) | 10         | 25         | 50         | 100         | 250         | 500              | 750         | 1000         | 1500         |

## Additional Features:

- All material transfer is done under vacuum & transfer Pump
- All vessels are cGMP
- The gaskets are silicon food grade type
- The entire plant is equipped with CIP
- Easy for loading & unloading
- Easy for cleaning
- Dry as well as water cooling mechanical seal
- Gear Box-Bonfiglioli/Greaves make



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# ALMP

Anish Liquid  
Manufacturing Plant



## Ideal for liquid oral formulations

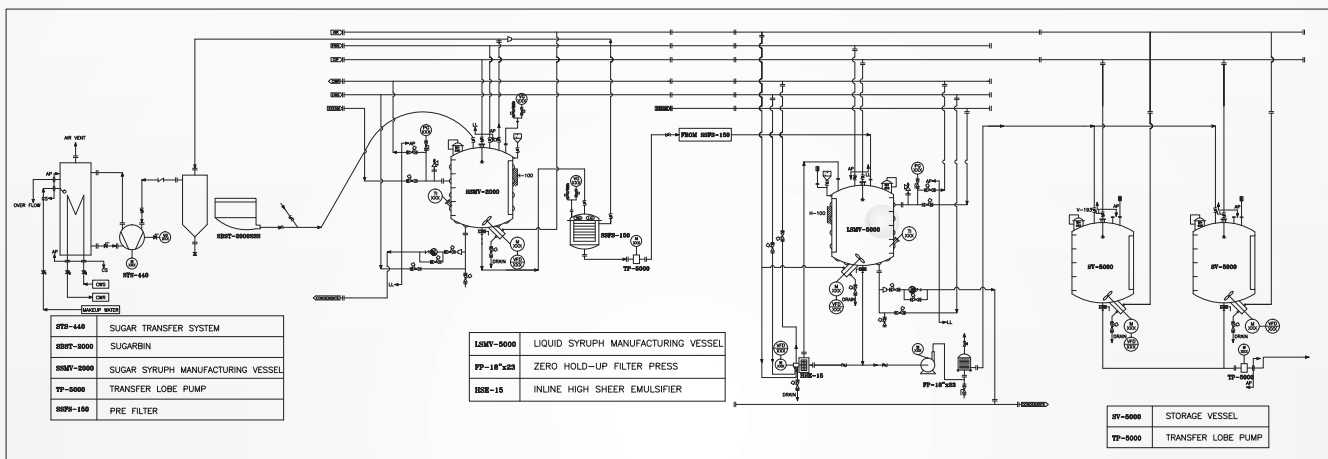
(Medicated syrup / flavoured syrup / water-based syrup)

### Salient Features:

- cGMP Compliant safe cleaning & validation
- The vessels are provided with sanitary design flush bottom discharge valve.
- Monkey ladder is provided in the vessel for easy maintenance and cleaning purpose
- Jacket/limpet coil for heating & Cooling
- Advanced automation with regulatory compliance control-21 CFR part 11 compliance
- Digital indication & controls of all process parameters for process time, agitator speed, temperature, pressure & level
- SS 316/316L contact parts.
- Minimum manual handling of liquid.
- All material transfer is done under vacuum & transfer Pump
- All Vessels are cGMP & with Load Cells
- The gaskets are silicon food grade
- The entire plant is equipped with CIP
- Easy for loading & unloading
- Easy for cleaning
- Dry as well as water cooling mechanical seal
- Gear Box-Bonfiglioli / Greaves make

# ALMP

Anish Liquid  
Manufacturing Plant



## Models:

|                     | Commercial Model |              |              |              |              |              |
|---------------------|------------------|--------------|--------------|--------------|--------------|--------------|
|                     | ALMP<br>500      | ALMP<br>1000 | ALMP<br>2000 | ALMP<br>3000 | ALMP<br>4000 | ALMP<br>5000 |
| Capacity (in litre) | 500              | 1000         | 2000         | 3000         | 4000         | 5000         |



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# Global footprints



## Satisfied Clientele:



and many more...



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