

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

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
- Dipyrrone 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

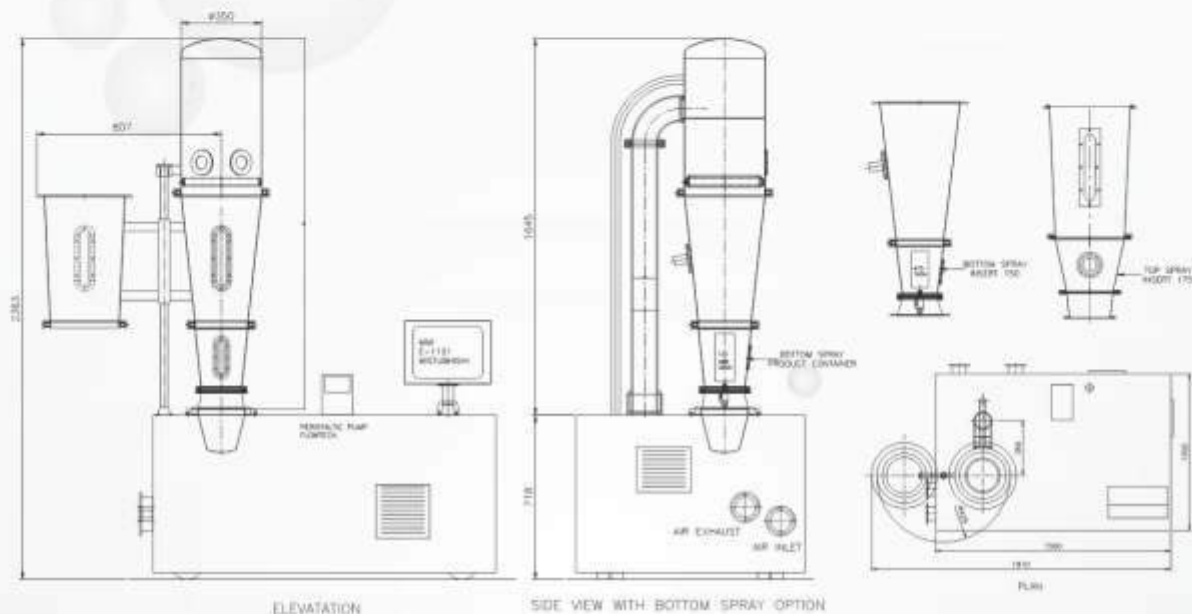
- a) Bottom spray for Pellet/Particle/Powder coating
- b) Top spray with drying for Granulation
- c) Tangential spray with Rotor inserts for powder drug layering application

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



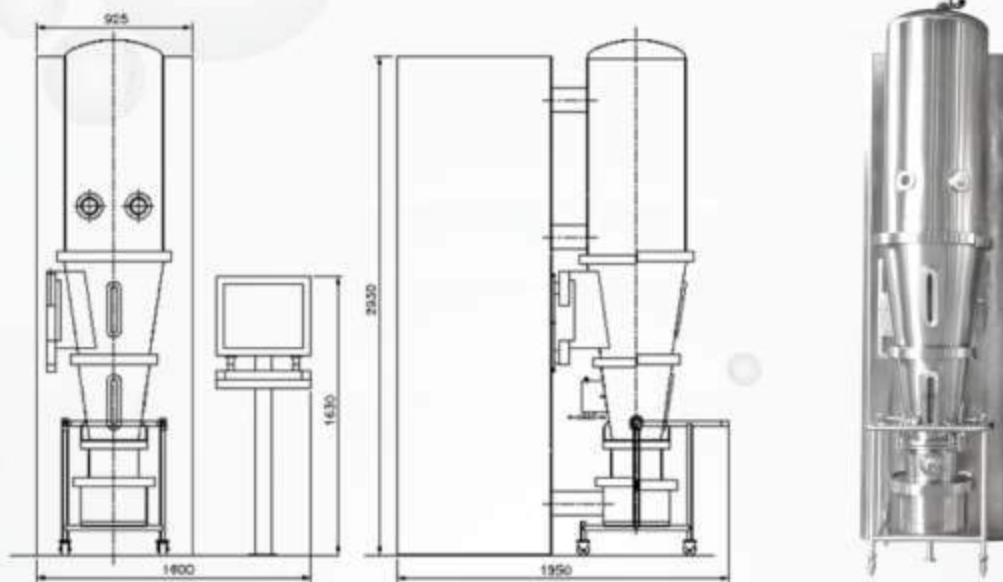
IDEAL for Pilot Scale to Scale Ups
and a Perfect solution between R&D
& Scale ups with OPTIMUM FLEXI

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

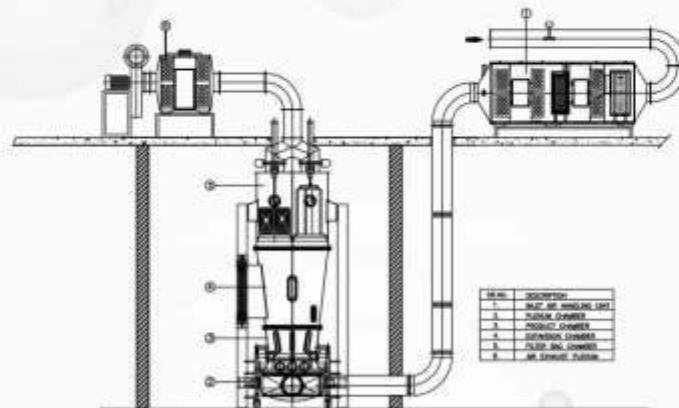
Salient Features:

- 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 ± 2 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 μ 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

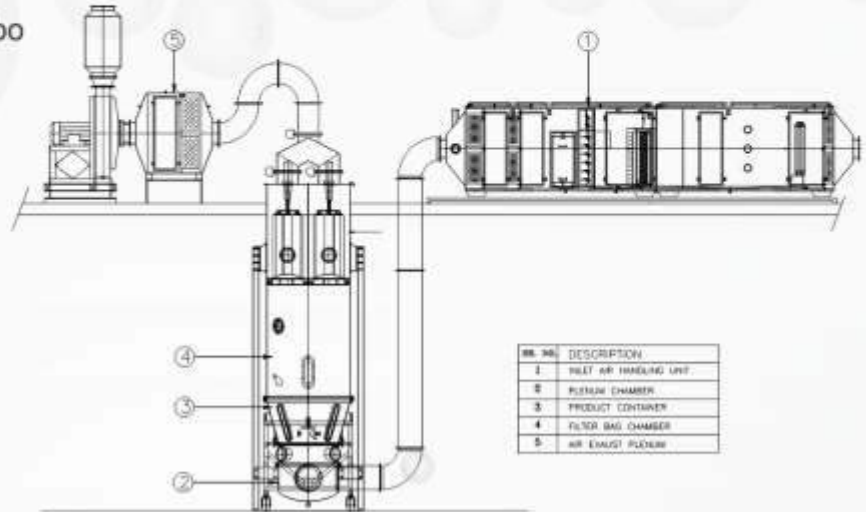
Salient Features:

- 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

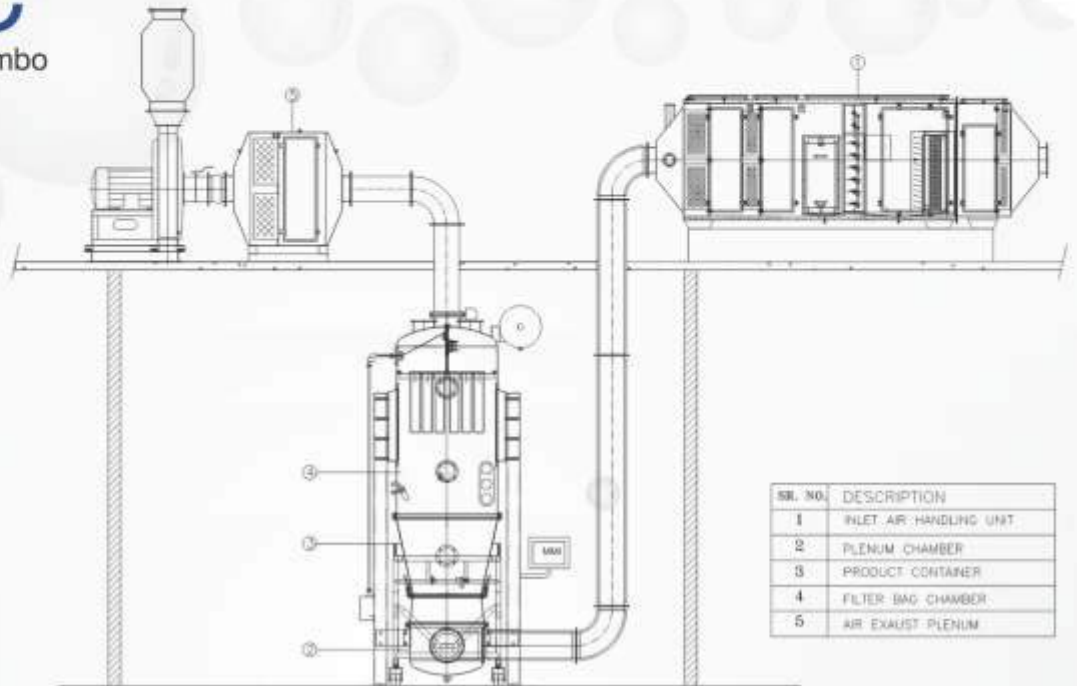
Salient features:

- 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



SER. 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 - container volume (in litre)	110	250	500	900
Top Spray - 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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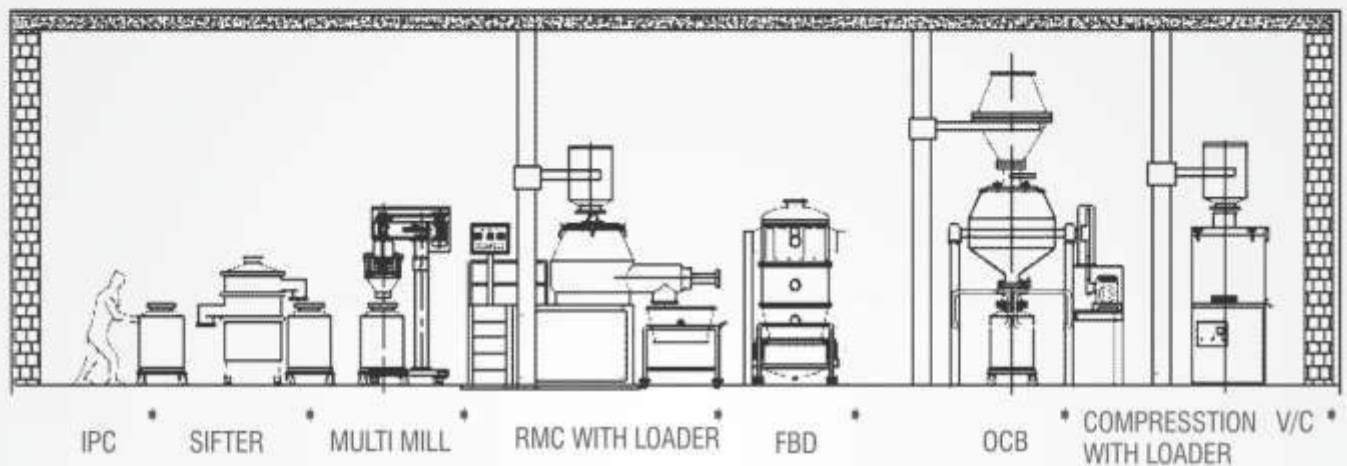
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AGL

Anish Granulation Line



GRANULATION LINE PROCESS

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 Extruder:

- 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

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



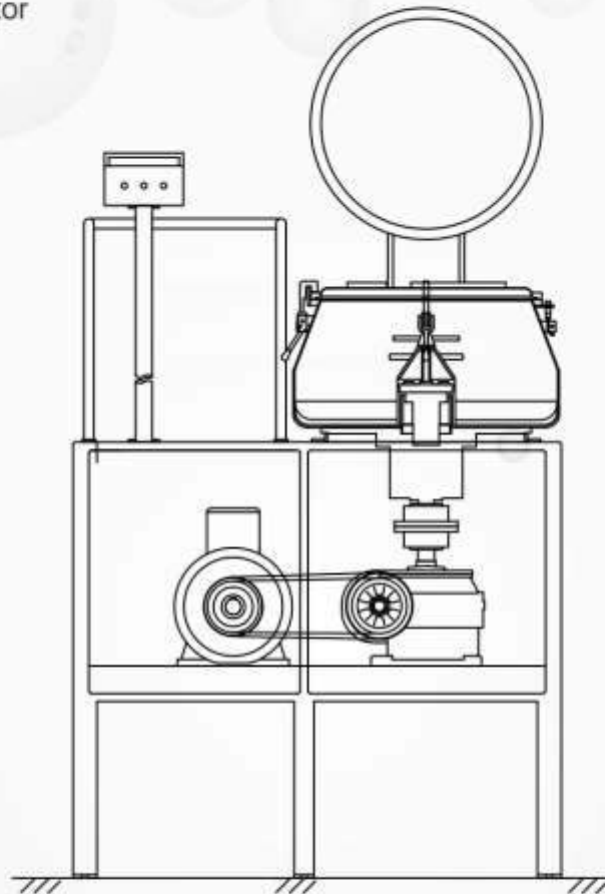
Anish Rapid Mixer Granulator is used for tablet formulation by wet Granulation to reduce processing time, homogeneous mixing, and uniformity of Granules size

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



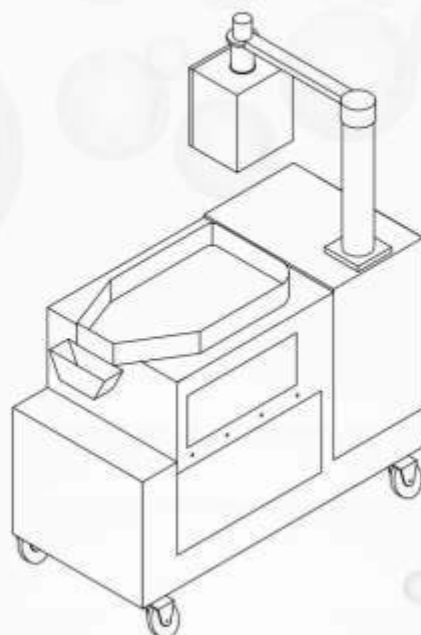
Anish Extruder is used to convert wetted powder/ dough material into uniform size extrudes with addition of binders.

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



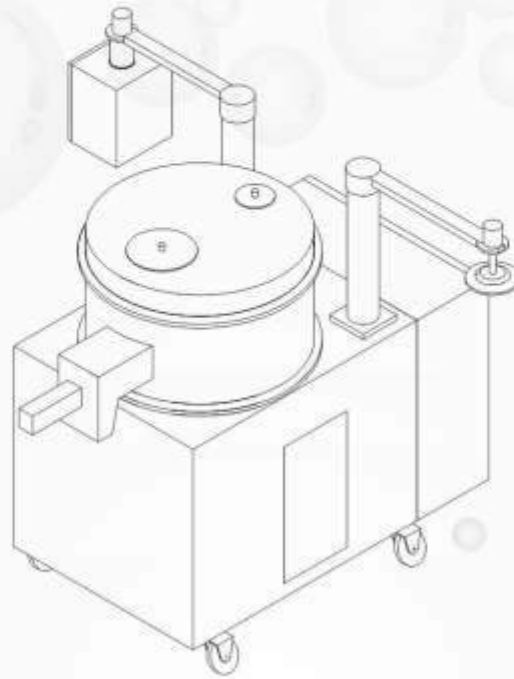
Anish Spheronizer is used to convert the extrudate (output from extruder machine) into small rounded or spherical pellets.

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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ALMP

Anish Liquid
Manufacturing Plant



Ideal for liquid oral formulations

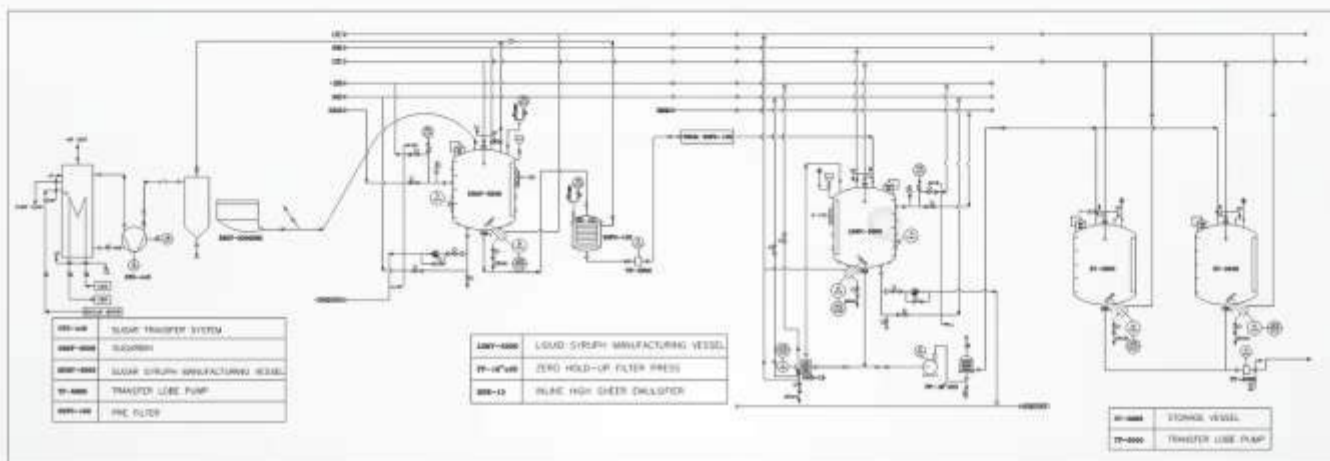
(Medicated syrup / flavoured syrup / water-based syrup)

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 500	ALMP 1000	ALMP 2000	ALMP 3000	ALMP 4000	ALMP 5000
Capacity (in litre)	500	1000	2000	3000	4000	5000



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AOMP-TE

Anish Ointment & Cream
Manufacturing Plant - Top Entry



Top Entry Ointment & Cream manufacturing model

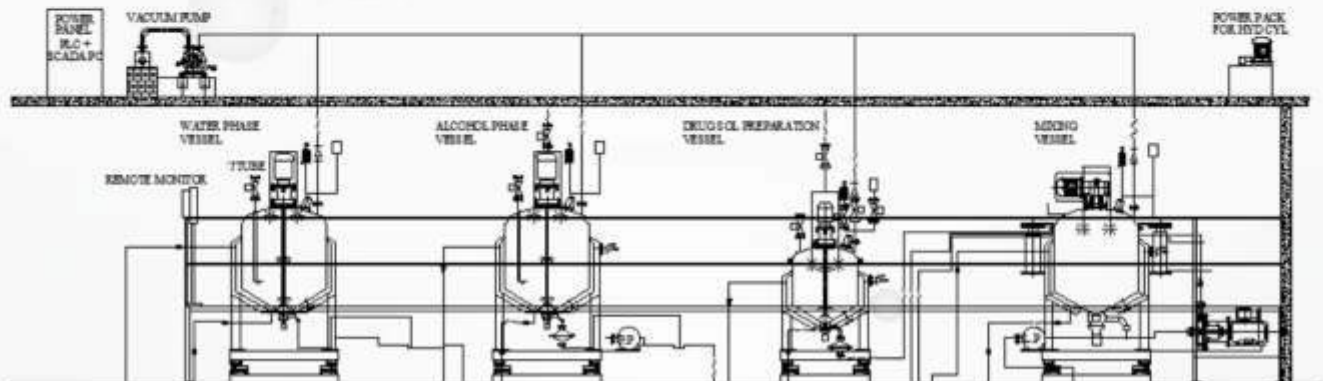
Equipment intended to be used for: • Ointment • Gel • Cream • Lotion formulation

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

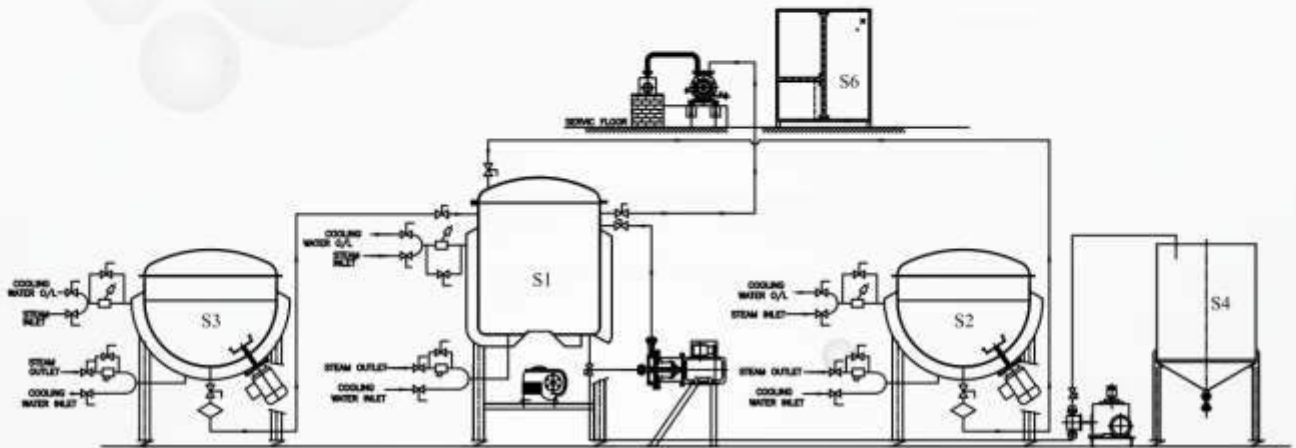
Equipment intended to be used for: • Ointment • Gel • Cream • Lotion formulation

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

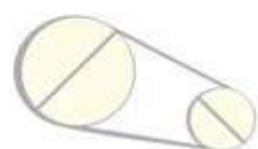


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Global footprints



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and many more...



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