



# **FLUIDZED BAD** Cleaning System

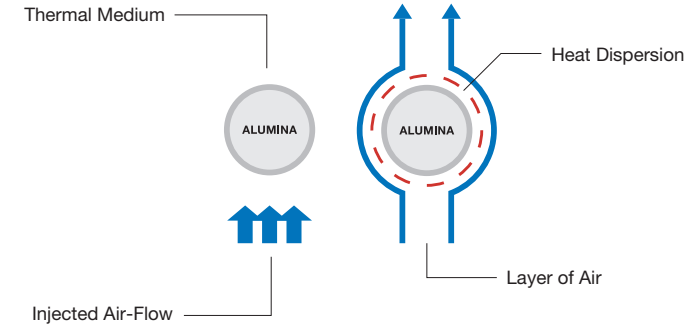


# FLUKLEAN Cleaning System

## What type of Parts and tools can Fluklean clean?

Fiber Production	Polymer Extrusion	Film Production	INJ. Moulding
Distributor Plates	Housings	Die Plates	Dies
Filber Elements	Extrusion Heads	Distributors	Hot Runners
Mixers	Die Plates	Filters	Needle Valves
Spinning Pumps	Melt Pumps	Mixers	Nozzles
Spin Packs	Breaker Plates	Screws	...
Spinnerets	...	Screw Elements	
...		...	

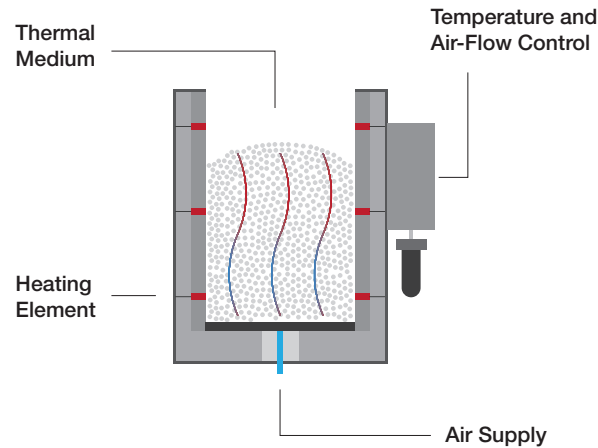
## How does a fluidized bed cleaning system work?



When air gets injected at the bottom of the reactor the solid particles of the thermal medium separate and take on a state of fluidization.

Heat will disperse between the solid particles and contamination on the part will be removed without the use of any chemicals or other liquids.

## What is a fluidized bed cleaning system?



A fluidized bed cleaning system consists of a reactor filled with a thermal medium which is heated and at the bottom air is injected.

This generates a specific flow and the thermal medium starts to fluidize and takes on many of the same properties as liquid.

## Why choose Fluklean as a cleaning system?



No Material Loss



No Corrosion



Fast Cleaning



Easy to Operate



Small Footprint



Safe Method

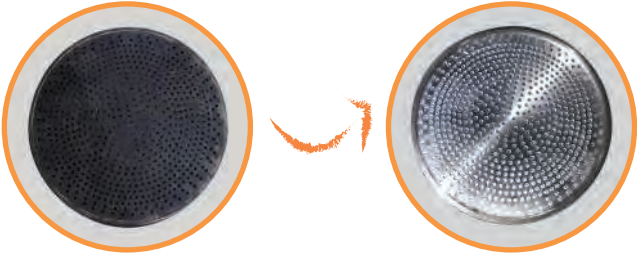
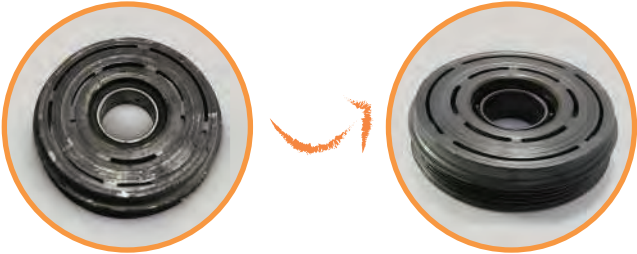
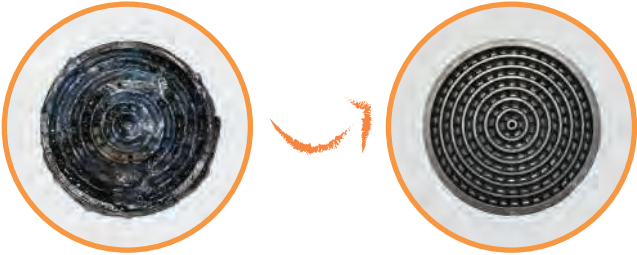
Removing polymers, powder coatings, oil contamination and other materials has always been difficult with other cleaning methods.

Requiring large and continues investment in labor, large material losses and cause pollution. Fluklean solves these problems.

## In what standard variations is Fluklean available?

SPED./TYPE	IFC-3137	IFC-3645	IFC-36110	IFC-4675	IFC-5175	IFC-5675
Temp. Rang	Up to 600°C (Temperature control stability (at 400°C): +/- 4°C)					
Load Capacity	11L	16L	38L	45L	58L	85L
Heater	8kW	10kW	15kW	14kW	18kW	22kW
Air Consumption	60 - 130 L/Min.	60 - 150 L/Min.	160 - 300 L/Min.	150 - 300 L/Min.	150 - 450 L/Min.	220 - 500 L/Min.
Air Pressure	2-10 Kg/cm <sup>2</sup>					
Dimensions (mm)	625 x 550 x 900	690 x 890 x 900	690 x 890 x 1650	790 x 1050 x 1350	860 x 1250 x 1400	-
Electrical	220V / 380V / 440V, 3ph, 50 - 60Hz					
Weight	98 Kg	180 Kg	240 Kg	450 Kg	880 Kg	-
Accessories	Fume extraction and recycling, Lid, Basket, Loading table, Hoist, Housing, etc.					

# Part Cleaning



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