ROMACO INNOJET
beyond technology
Herbert Hüttlin

Designed to perform
3 different processes

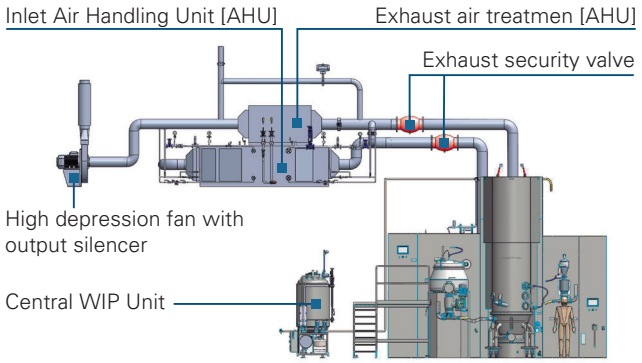
IFT Fluid Bed Dryer

Drying process technology

Optionals

- Top Spary granulation system
- Pellet coating by means of bottom spray system
- ATEX classification. Different classifications according to the client's requirement
- Central WIP unit
- Dry conic mill
- Automatic loading and unloading
- Containment execution

Peripherals



Global Service

Our qualified Romaco Service is globally available for you.

Remote Connection as standard feature assist you as alternative to long-distance travel.

Also in our portfolio

Romaco Innojet IHT High Shear Mixer Granulator

The optimum granulation

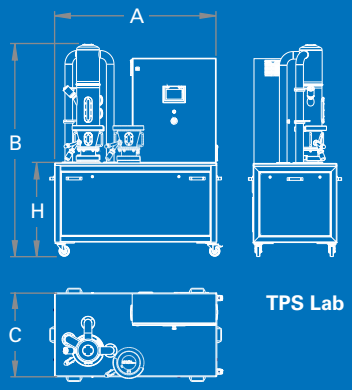
Watch how **IFT** works in this video

For more information

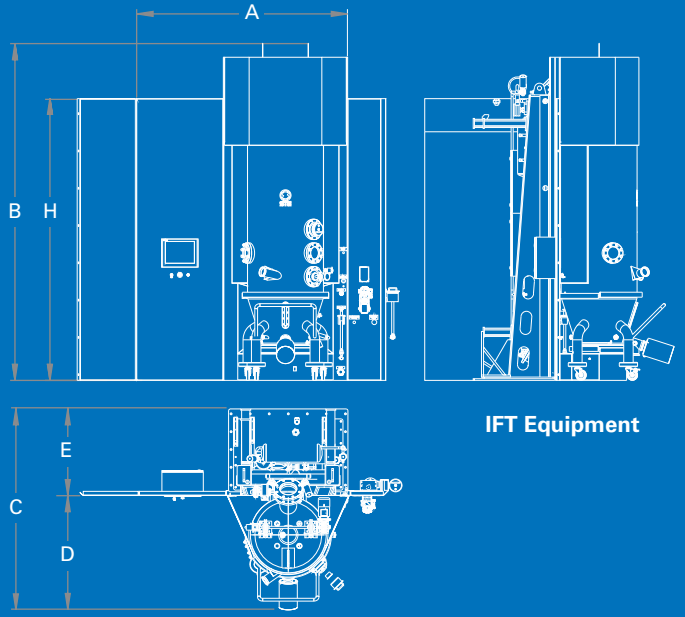
www.romaco.com

	CAPACITY	USEFUL CAPACITY		DIMENSIONS (mm)					
Model	(L)	Máx. (L)	Mín (L)	A	B	C	D	E	H
TPS LAB	4,5	1	3	1750	2015	900	NA	NA	NA
IFT 30	30	6	24	2000	2650	1650	950	700	2500
IFT 60	60	12	48	2075	3250	2100	1150	950	3000
IFT 100	110	20	80	2250	3600	2250	1250	950	3200
IFT 200	220	40	160	2300	3900	2450	1400	1050	3400
IFT 300	330	60	240	2450	4350	2550	1500	1050	3500
IFT 400	440	80	320	2600	4750	2650	1600	1050	3600
IFT 600	660	120	480	2800	5250	3050	1800	1250	3800
IFT 800	880	160	640	3000	5800	3250	2000	1250	3900
IFT 1000	1100	200	800	3100	6357	3650	2107	1543	4000
IFT 1300	1320	260	1040	3200	6475	3900	2250	1650	4000
IFT 1500	1540	300	1200	3350	6600	4250	2400	1850	4500

**Approximate data / Other dimensions upon request*



TPS Lab



IFT Equipment

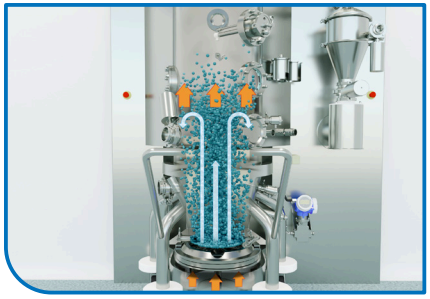
DRYING PROCESS TECHNOLOGY

The IFT equipment can work with the 3 following processes:

DRYING

In the IFT equipment the drying process is carried out to reduce the hunidity in the granule.

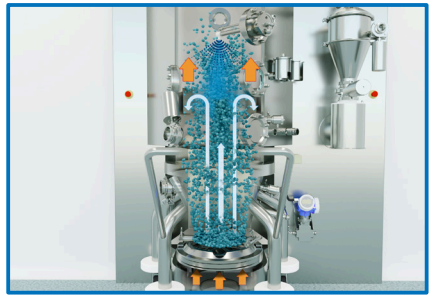
Hot, dry air is introduced through a vacuum generated inside the equipment. The wet solids rise from the bottom and are suspended in a current of air, remaining in a fluidized state.The heat transfer and the low humidity of the air in direct contact with the wet granulate allow the evaporation of the water or solvents, reducing their humidity.



TOP SPRAY

The process of granulation by top spray in the IFT equipment allows to carry out the granulation process inside a fluid bed.

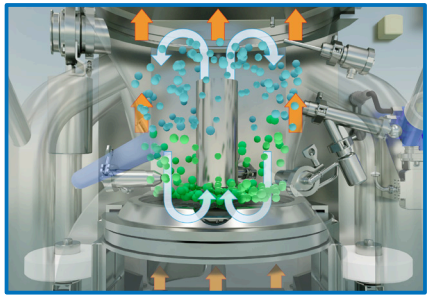
The movement of the powder in a fluidized state is combined with the spraying of a binder solution. This combination allows to increase the particle size generating a granulate.



BOTTOM SPRAY

The coating process in the IFT is carried out by combining the spraying of the coating suspension on the microgranules in fluid bed movement.

Spraying is done from the bottom through tubular
(wurster system)



Filter cleaning sectorized blown with pharmaceutical compressed air.

Top Spray granulation

Pellets coating by means of Bottom Spray