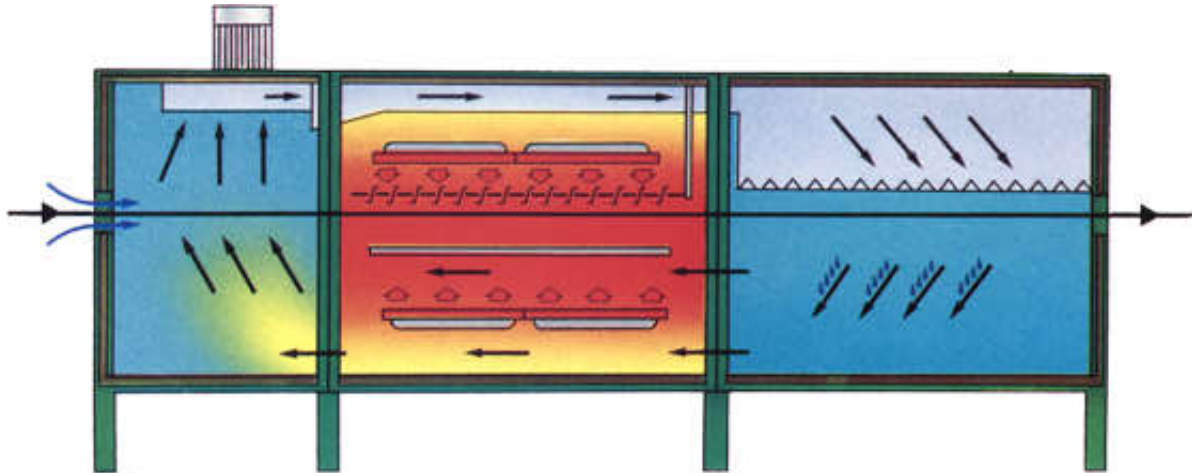


Infrared Catalytic Driers

natural gas and Lpg

- maximum working safety • no pollution • no exhaust fumes • minimum loss of heat
- exceptional kcal/h out-put • small dimensions • energy saving • low running cost
- totally flameless • high productivity • uniform drying • more softness at outlet



Last generation of Super and Compact driers are results in over 20 years of experience in leathers problems. These driers are particularly suitable for drying skins after spraying booths, padding machines, curtain coater machines, roller coater machines.

Manufactured with modular units, they allow to obtain great productions with small overall dimensions.

Such performance is possible making use of our flameless infrared rays catalytic heaters, introduced and abundantly used by us in tannery field.

Using economical and clean energy sources as gas (LPG or natural gas), the catalytic heaters produce infrared rays, which allow to dry and conditioning the skins at the same time.

The total absence of flame allows to use these driers also with presence of solvents or notropaint. In this case we obtain a recovery of thermic energy through catalysis of evaporated solvents, that are pulled-down, with ambient advantage.

Into the drier the temperature is adjustable from 40° to 180° C by gas central control.

This temperature unchanges chemical and physical characteristics of skins, because the catalysis of gas produces a percentage of steam, which allows to maintain the natural humidity of skins.

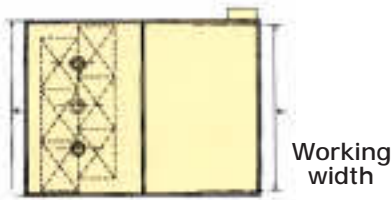
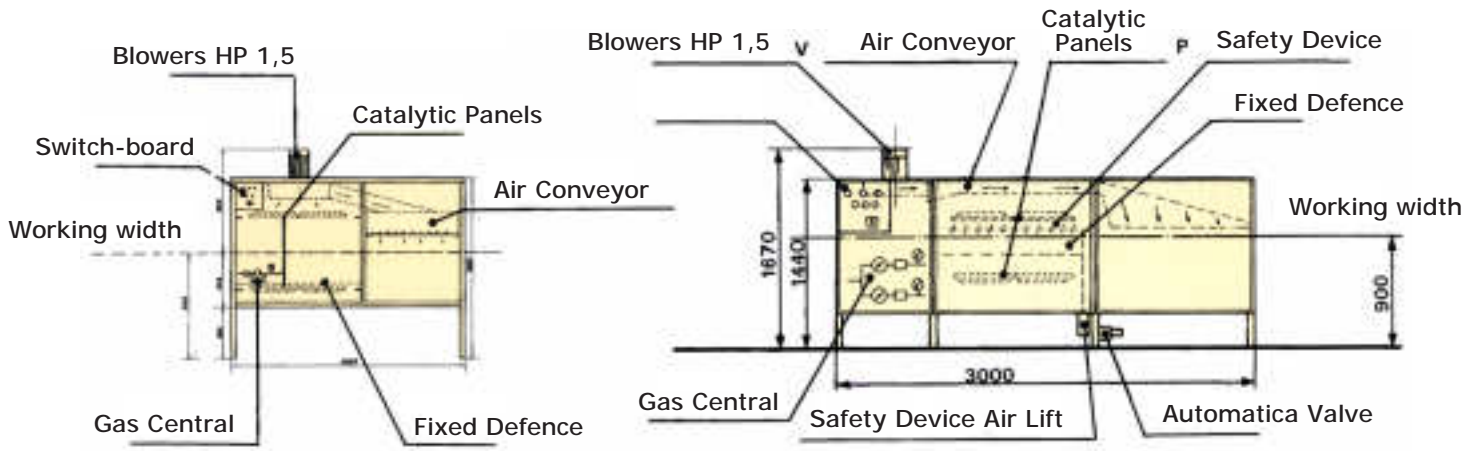
Infragas Nova Impianti is specialist in project and production of special units and drying systems, in order to solve all exigence of customers.

By request we can supply steam driers too.

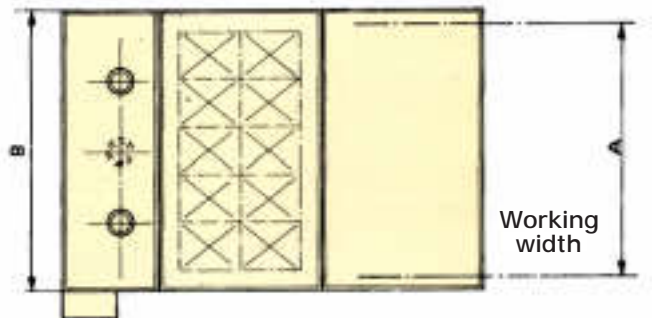
Drying line lay-out



Constructive and technical description



COMPACT



SUPER

	Model	Total	Fans	Panels	Power	Thermic	Consumption	
	Working width	width	number	number	absorption	out-put	P	
	A	B	V q.ty	P q.ty	Kw start	kcal max	Kg/h LPG	m ³ /h Nat.Gas
COMPACT	1800	2034	2	8	6,4	24,000	2,8	4
	2200	2434	2	10	8	30,000	3,5	5
	2600	2834	3	12	9,6	36,000	4,2	6
	3100	3334	3	14	11,2	42,000	4,9	7
SUPER	1800	2114	2	8	6,4	24,000	2,8	4
	2200	2514	2	10	8	30,000	3,5	5
	2600	2914	3	12	9,6	36,000	4,2	6
	3100	3414	3	14	11,2	42,000	4,9	7
	3700	4014	3	16	12,8	48,000	5,6	8

Applications

Feature of catalytic drying system through catalytic panels is the flame absence and lack of exhaust emission.

Solvents evaporating in the process will be catalysed with thermic energy recovery. These features allow to utilize the catalytic technology in many industrial applications.



Leather and synthetic leather
Drying after spraying booths, curtain coater machines, padding machines, roller coater machines.



Textile, non woven, wadding
Drying after dyeing, impregnation, coagulation or coating. Catalytic driers are suitable after gelling, filling, or coagulation of resins.
Melting, pre-heating.



Wood
Drying after spraying or coating of adhesives.



Paper
Drying after adhesive sizing, resin bounding or inkprinting.



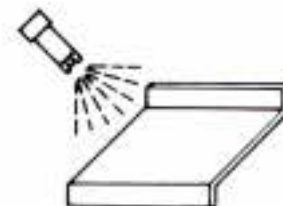
Rubber, moquette and plastic
Pre-heating for thermoforming; resins melting, drying after rubber latex coating.



Packing
Plastic sheets retraction.



Steel carpentry and steel plate
Drying after varnishing.



Others
All pre-heating, drying or thermic treatment.

Infragas Nova Impianti

10040 Leinì (Torino) Italy - via Santorre di Santarosa, 32
tel +39 011 9973971-2 fax +39 011 9973992