



HIGH SPEED COLD & HOT NEEDLE PERFORATION

By microperforation we are able to give to thermoplastic films the optimal properties for the packaging of products for both food and industrial use.

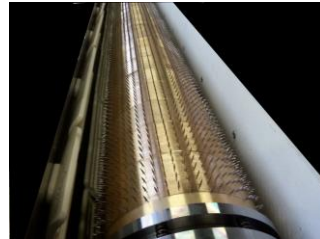
MOD. SM-HML

Hot needle perforation involves passing super-heated needles through the material to both penetrate and melt it. This results in a round and clean hole. Some fresh products require high breathability or oxygen transmission rate to extend their shelf life. Our state-of-the-art hot-needle perforation features digital computer controls and servo drives for precise hole size. The heating system is segmented into three comparts of infrared ceramic elements for maximum temperature uniformity. MOD. SM-HML is our heavy-duty unit with large diameter rollers; the most suitable unit for high density of pins or high pressure application. Microperforation can be performed in stripes or on the entire web according to customers' needs.



Features

| | |
|--|---|
| Max material width | 3000mm |
| Max speed | 200 meters per minute |
| Density of the holes | High and low density of holes |
| Installation on | bag making machine, extruder, slitter, printing machine and so on |
| Holes on register | no |
| Encoder to synchronize the speed | Yes |
| Material that could be processed | PE, PP, paper, foam non-woven, coated material and so on |
| remote assistance | Yes |
| Touch screen | Yes with predisposition 4.0 |
| Pneumatic device for adjusting the depth of the pins | Yes |
| Drive pin shaft | Yes |



MOD. HHS LAY OUT

