



## ABLB 45 I / ABLB 45 II

Automatic Induction Seal Heat Sealing Machine



Major technical parameter

| Name                  | Unit  | ABLB 45 I | ABLB 45 II |
|-----------------------|-------|-----------|------------|
| Max. product volume   | L     | 5         | 5          |
| Die type              | PCB   | 1000      | 1000/2     |
| Power (kW)            | kVA   | 40        | 40         |
| Speed (L/min)         | L/min | 24        | 24         |
| Speed (l/min)         | l/min | 14        | 14         |
| Seal heating capacity | mm    | 0-1       | 0-4        |
| No. of heating zone   | Zone  | 3         | 3          |
| Depth of HPE          | mm    | 30        | 30         |
| Clamping die pressure | MPa   | 0.3       | 0.3        |
| Clamping force        | kN    | 30        | 30         |

Seal system Control hydraulic seal system

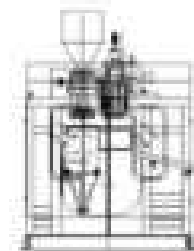
Electrical control system It is controlled by imported PLC and main machine interface (in Chinese or English) and operated by touch screen. All process setting, changing, monitoring, and trouble diagnosis can be done on the touch screen. Non-contact heating principle, the components are undamaged.

Hydraulic system It is controlled by proportional pressure and is provided with TIAE31 hydraulic components, all the components are reliable.

Plasticization system Closed plasticization has enough sufficient and even plasticization.

Speed regulating system Frequency variable speed regulating + digital speed feedback control, speed can be regulated with precision, as they are adjustable.

Clamping system and die lifting system Die lifting and clamping are done by clamping mechanism with double-stage leveling, and high strength ensuring the response and high power.



Note :  
Due to keeping innovation,  
the specification and  
Machine pattern or color  
are subject to alteration  
without notice!

| Name                    | Unit   | ABLB 45 I  | ABLB 45 II |
|-------------------------|--------|------------|------------|
| Max. size of mold       | mm     | 200x100    | 200x100    |
| Template size           | mm     | 200x100    | 200x100    |
| Max. stroke             | mm     | 100-100    | 100-100    |
| Max. die diameter       | mm     | 170        | 170        |
| Clamping pressure       | MPa    | 0.3        | 0.3        |
| die stroke              | mm/min | 0.4        | 0.4        |
| Clamping water pressure | MPa    | 0.3        | 0.3        |
| Water consumption       | L/min  | 50         | 50         |
| Size of machine         | LxWxH  | 940x1800x2 | 940x1800x2 |
| Weight of machine       | Ton    | 4.5        | 5          |