



TC MACHINERY CO., LTD.
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Heat Sealing Machine for AMB

TCKH-6AC(2)EX



Description:

It is capable to work on entire range of truck & car starter battery (1x6 type, 2x3 type) with special design of automatic mould change-over system.

The mould design of heated plate is applied to provide precise heat sealing temperature on every point of heated plate with consistency of contact sealing surface and prevention on distortion of heating plate.

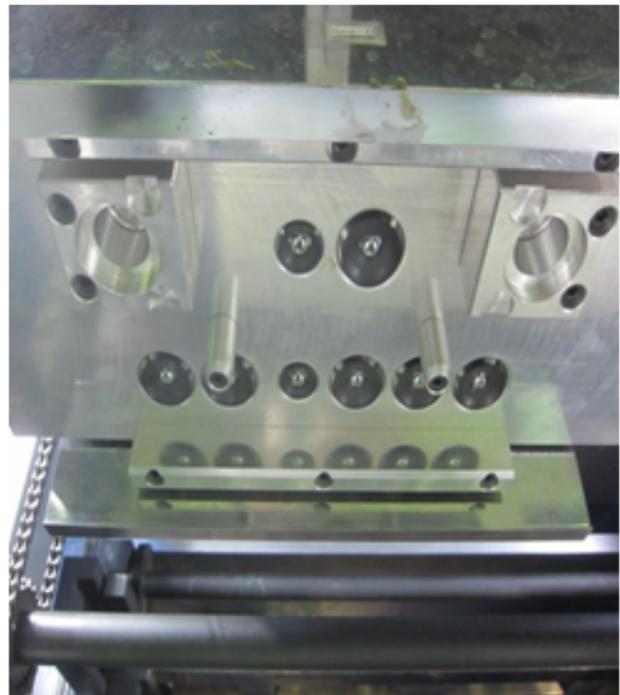
Vacuum with clamping features are stabilized lid pick up and engagement process.



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Feature

- * Production Capability => 4 ~ 4.5 batt./min (below N70)
- * Capable to work 1x6 & 2x3 layout
- * Servo solution (controlling melting depth and speed)
- * HMI Control with number of recipes
- * Easy change-over different models by tooling
- * Flatness of heated plate: ± 0.1
- * Tolerance of temperature on heated plate: 0.03%
- * PDI control for the temperature
- * Integrated operation safety system
- * Sealing tooling could be one piece or changeable design
- * Equipped with heater failure indicator
- * 12 PCS of 750W heater are equipped on heated plate
- * Equipped with pre-heating clock
- * Equipped with auto-stop at no feeding and auto-start at re-feeding system





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SPEC / Company & Model	TC
Servo based solution	V
Capacity (batts/min) (NS70)	4.3PCS/min
Accurate Melting depth control (servo control}	V
Buffer system design for better melting on lid	V
Production volume control	V
HMI control (Number of recipes)	V
Servo speed control for lid / container	V
PID control (temperature)	V
Number of cavities control by HMI (1/2) 2 cavities up to N100, 1 cavity over N120	V
Rapid tooling change over (over different models)	V
Mold pre-heating system (optional)	V
Flatness of heaten plate	±0.1
Tolerance of temperature on heaten plate	Less than 0.03%
Auto lid capture mechanism (clamping / vacuum)	V
Mould replacement cart support	V
No-lid detection by vacuum	V
Heating pipes error detection	V
Machine movements are equipped with bearings	V
Reducer / breaking system for heaten plates	V
Moulds can be minor adjustable	V
Anti - Plastic stringer	V
Heating pipe protection	V
Two moulds can be selectable for working mould	V
Lifting mechanism for container	V
Integrate Type	V
One battery operation only (mm)	406