



BT600A HEAT SEALER

A MASTER ASSEMBLY WIZARD

High precision, fast and user friendly heat sealer with rapid tool changeover device. Three axis servo driven operation with numerically controlled heating and sealing. Available for all common battery sizes in flooded and AGM designs with a capacity up to three batteries a minute.

LOOK BEYOND
RUDIMENTAL
EXCEL IN
ASSEMBLY

Flexible, durable and cost efficient products brought you with remarkable performances. Brilliant designs and precision crafting in machining culminate in expertly fabricated machineries.



FAST
DELIVERY



EXPERT
SOURCES



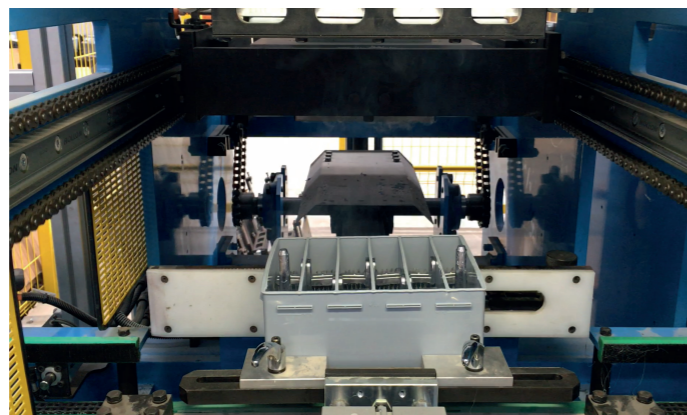
PREMIUM
SERVICES

HEAT SEALER

BT600A is genuinely a precision heat sealing machine with highest flexibility in the market. The machine is integrated with easy and simple changeover features which ensure rapid battery type change capability with remarkable cost efficiency.

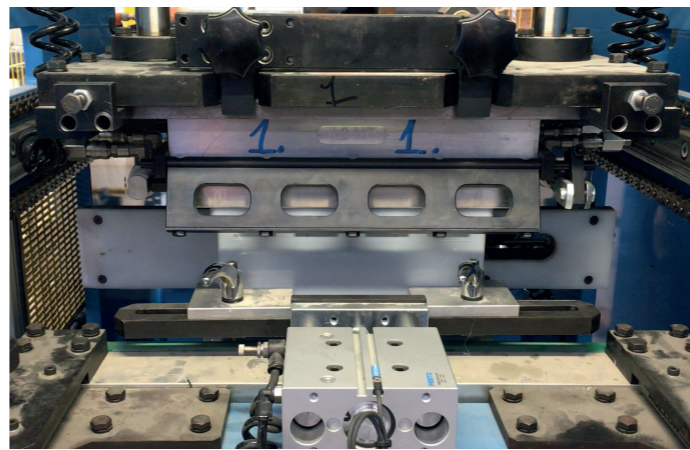


Compact and rugged construction to guarantee precision heat sealing operation throughout long service life. Powder coated body with fume ventilation hood. Twin station design each with mechanically independent individual motion control, settings and tools. Chain drive battery conveyor with anti-scratch guides and individually pressure controlled battery fixing devices. Battery entry stop & go device integrated to facilitate trouble free battery feeding. High flexibility offered by availability of single station operation. Simple and reliable changeover facilities integrated to enhance machine efficiency. Self setting tool design for easy and fast tool changeover. Precision manufactured and hot tested tools.



Three axis servo driven heat sealing operation; box lifting, lid holding and mirror. Ultra precision numerically controlled heat sealing finish. Separate duration assignment for lid and box heating. Secure coordinate assignment for all axes to ensure short delay before heat sealing - lesser cooling effect on heated parts. Multizone temperature control for mirrors. Heater failure control for all heaters. Solid state heater control for precision PID temperature control. Socket connection for heaters and thermocouples.

BT600A



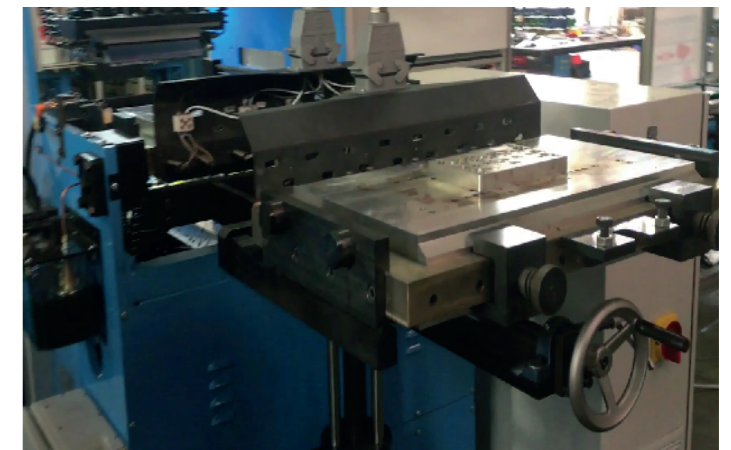
Stainless steel main heat platen with high quality split sheath heaters, which ensures unsurpassed service life. CAD designed and CAM machined aluminum alloy mirrors. Lid holder fitted with lid pickup detection and with unique design pickup mechanism for precision processing. Quick couplers for compressed air and electric connection provided for lid holders. Pneumatic lid holder fitting system for easy and fast changeover.

Double side squeezing system for heat sealing operation to augment heat seal bonding quality. Automatic lubrication for servo drive guides with refeed alarm. Tool preheating and changeover station for easy and fast battery type switch.

Safety guardings and polycarbonated front doors are integrated. Machine fitted main electric cabinet. Separate machine attached heaters control box. Machine is available both LH or RH operation, and can process.

TECHNICAL DATA

Electric: 220/380V - 3P -50Hz (or as required)
Power: 40 KwA
Compressed Air: 1 cbm/h @ 6Bar
Fume Ventilation: 1100 cbm/h
Operator: None with auto lid feeding
PLC: Siemens S7
HMI: Siemens
Pneumatics: Festo / SMC
AC Motors: SEW Eurodrive
Servomotors: SEW Eurodrive
Control Voltage: 24V DC



Siemens operator interface in English providing recipe building, motion control settings, manual buttons, diagnostic, alarm definitions, production figures as well as real time supervision of temperatures.

The machine is supplied with comprehensive English documentation comprising operating instructions, sub-suppliers documentation, part lists and CAD drawings, pneumatic diagram, electric diagram and I/O list. Documentation is provided both in soft and hard copy.

AVAILABLE OPTIONS:

Battery infeed conveyor.
Stainless steel mirrors.
Auto lid feeding machine integration.
Mitsubishi PLC & HMI.
Spare part set.

Heaters: Dalton Electric
Heater Conduction: Solid state relays
Heater Control: Current transducing
Temperature Control: PLC based analogue card
Battery Sizes: JIS (B20-H6) DIN (L0-C)
Typical Changeover: 5 minutes
Max. Capacity: 3 batteries/min.
Networking: Available
Remote Access: Available
Standard Weight: 1200 Kgs
Crate Dimensions: 190Wx220Lx220H cm