

PolyTAG BLE

Full automatic hot billet tagging robotic cell



ABOUT THE SYSTEM:

PATENTED
MORE THAN 20 MACHINES INSTALLED
OVER 99% EFFICIENCY CERTIFICATED
ONLINE CONSUMABLES REFILLING
DOUBLE CODE VERIFICATION & RELIABILITY OF
GUARANTEED TRACKING
PLUG & PLAY SOLUTION CUSTOMIZABLE
LABEL 11 SECONDS CYCLE TIME

USEFUL TO KNOW:

SAFETY | EFFICIENCY | TRACEABILITY
RELIABLE FEEDBACK ON YOUR PRODUCTION
EFFICIENCY REPORT BY SHIFT, WITH MONTHLY
& DAILY STATISTICS ON REQUEST
4.0 FACILITATION CERTIFIABLE

AVAILABLE:

PolySHAPE: Smart robot for dimensional control of billets/slabs/blooms
PolyTAG BLC: Billets tagging robot for not weldable steel
PolyTAG BT: Robotic system for tagging with Adhesive tag

TECHNICAL INFORMATION

- Air-conditioned container, dust free and easy to install
- Liquid cooled head for applications beside plate or cut thanks to a closed circuit with a chiller that does not use water from the plant
- Air filtering and drying system for cleaning camera's lenses

LASER PRINTING:

- Respect to thermal transfer not subject to maintenance, has no ribbon consumption (duration 20,000 hours) (expected life more than 10 years)
- Possibility of redundancy of the pin feeding system

MACHINE VISION SYSTEM:

- Billet's position & number identification
 - Label reading and comparing to expectation - Image's save to guarantee traceability
 - PolyWELD Adaptive Welding Technology
 - Digital welding with automatic adaptation of the parameters according to the type of steel (it is essential for making special steels)
- POLYTEC owner
- Verification of correct welding termite (check the seal of the label in the negative case is re-soldered)
- It is possible to have welding pins in non-ferrous alloy that melt inside the furnace, avoiding to have label and pin in the rolling mill entrance.

Technical support is always available but...
TAKE CARE OF YOUR ROBOT!

Polytec suggests you to take care of robotic cells dedicating a couple of hours, once a week, to clean and to check most relevant components/ tools. Once a year, a one-day BM Service is worth.

Writing to service@bmgroup.com you can reserve the best time, according to production plans.



HMI USER FRIENDLY

VPN REMOTE ACCESS & ASSISTANCE

SPECIAL SOFTWARE FUNCTIONALTIES FOR HOMING RECOVERY

CONSUMABLES

LOW COST LABELS & PINS
LABELS UP TO 950° RESISTANT & READABLE
EVEN AFTER ANNEALING PROCESS
ANTI ROTATE LABEL (PATENT PENDING)
LABELS & PINS CHARGING WITHOUT STOPPING
WELDING PROCESS, WITH A RESERVE OF 4000
PIECES
CONSUMABLES WAREHOUSE AVAILABLE

