

PolyTAG FC

Full automatic bundle bars tagging robotic cell



ABOUT THE SYSTEM:

PATENTED
FULL AUTOMATIC
30% FASTER THAN PREVIOUS VERSION
AWT: ADAPTIVE WELDING TECHNOLOGY
PLUG & PLAY SOLUTION
MORE THAN 15 MACHINES INSTALLED
ADVANCED ALGORITHM FOR COLLISION
DETECTION TO GUARANTEE SAFETY

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:

PolyCOUNT: Pieces counting system

TECHNICAL INFORMATION

- Reduction of label loss, stress test with 400 N of force after weld ensure the sealing. Fully customizable label (with logo, normative etc...)
- Minimum diameter of bars 5 mm
- Bundle rods 600 °C labelable.
- Autonomy up to 4.000 labels.
- Immediate verification of readability and reissue if necessary.
- Thermal transfer marking system.

A 3D camera analyzes the bundle bars face to define the best bar to weld with high precision.

Second storage for colored labels available on request.

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 600° RESISTANT & READABLE EVEN AFTER ANNEALING PROCESS
- ANTI ROTATE LABEL (PATENT PENDING)
- LABELS & PINS CHARGING WITHOUT STOPPING WELDING PROCESS
- CONSUMABLES WAREHOUSE AVAILABLE

