

PolyBUNDLE

Robotized cell for the automatic bundling of conduits



ABOUT THE SYSTEM:

FULL AUTOMATIC

FLEXIBLE BUNDLE FORMING CONFIGURATION

AUTOMATIC SETTING OF FORMING AREA

ADVANCED ALGORITHM FOR COLLISION
DETECTION TO GUARANTEE SAFETY

USEFUL TO KNOW:

SAFETY | EFFICIENCY | QUALITY

4.0 FACILITATION CERTIFIABLE

TECHNICAL INFORMATION

Robot tool with electro-controlled magnet
Motors with encoder for the auto-setup of the forming area of the bundle
Range of Conduit diameter : 1/2 " up to 4"
Conduits weight range 27.25 lbs up to 107.9 lbs
Conduit type: Rigid conduit with coupler or cap
Conduit configuration: single pipe or group
(1 pipe up to 10 pipes)
Minimum cycle time : 6 seconds

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

DYNAMIC RECIPE PARAMETERIZATION & CONFIGURATION

INTERFACE with PLC line and MES system

VPN REMOTE ACCESS & ASSISTANCE

SPECIAL SOFTWARE FUNCTIONALTIES FOR HOMING RECOVERY

