Self Balancing Electric Arm Manipulators

Ergonomic, Electric Handling Systems for all Kinds of Material up to 150kgs.
When it is necessary to handle an object with care & not only lift it, but orientate it as well, one of the best solutions is a BALAMAN ARM MANIPULATOR. With an appropriate end effector it provides safe, secure, minimal effort for operators.

Clean Room Versions
Ideal for hygiene & corrosive critical areas, such as pharmaceutical, food &, laboratory applications.
Code BMISCL

Balaman Intelligent Electric Manipulators
These electric handling manipulators incorporate the intelligence of a Robot, with the simplicity & easy operation of a Balance Loader. You can teach the device & the end effector to stop, start and orientate at the selected set points & take away the guesswork & potential operator error. There are up to 16 easy, push button settings. By connecting to a laptop the operating parameters like operating speed, acceleration/deceleration motor torque etc. can be easily set, the working conditions can be monitored and there is a troubleshooting display.

• FAST • EASY • EFFECTIVE • SAFE
There are three capacities 50, 75 & 150Kg.
Code BMIS Intelligent manipulator
Code BMISCL Intelligent manipulator for clean rooms
All of our manipulators are available either as Mobile, Static & Forklift able Base Floor or Ceiling mount versions.

End Effectors
We have a gallery of working applications, coupled with different models of standard manipulators and standard or custom engineered end effectors. The range includes hooks, mechanical & pneumatic clamps & grabs, expanding mandrels for film & paper rolls, suction feet, magnet grabs. There is virtually an end effector waiting for you to hold, lift, rotate, orientate to the correct position for the operation at hand.