

XRS Standard Systems

www.parker.com/em/xrs



Built from Parker's XR and LXR positioners, the XRS Systems are pre-engineered Cartesian systems including all the bracketry, cable management, and motors necessary for an off-the-shelf system solution.

There are more than 120 standard systems available with popular payload and work areas. XRS is the only Cartesian system to mix linear motor and ballscrew technologies, yielding unsurpassed performance.

- Three platforms: small, medium, and large
- XY and XYZ configurations

- Linear motor and ballscrew technologies
- Right- and left-hand versions
- Work areas to 1 m x 1 m
- Payloads: 5, 12, and 25 kg
- Pass-through, high-flex cabling for power, signals, and air
- Dowel holes for repeatable system and payload installation
- 3-D CAD drawings available
- Easily customized for special requirements: travel, payload, idlers, cleanroom, etc.

Gantry Systems

www.parker.com/em/gantry



Using the HPLA and BLMA actuators as building blocks, Parker can create gantry-style robots that are more economical than pedestal-style robots. Parker's standard systems accommodate work areas up to 7.9 m x 3.3 m x 1.5 m and payloads up to 100 kg. Larger work areas and payloads are accommodated with custom configurations.

- XY, XZ and XYZ configurations
- Velocity up to 4 m/s
- Sizing and selection tools available for standard systems
- Easy to customize
- Economical for automated storage and retrieval systems
- Cleanroom compatible
- Gantry-style optimizes floor space utilization versus arm robot

Cartesian Systems

www.parker.com/pneu/multiaxis



Using the ET, ER, ERV, LCB and LR actuators as building blocks, Parker can create economical and customized work cell-level robotic solutions that are ideal for pick-and-place and dispensing applications. Beyond the base system, Parker can integrate pneumatic axes, grippers, vacuum cups, custom structures, and guarding. Six basic types are available in XY, XZ and XYZ configurations.

- Standard or custom configurations available
- Payloads up to 75 kg
- Velocity up to 3 m/s
- Economical robotic solution
- Optional hardware
 - Cable management
 - Machine base and guarding
 - Pneumatic actuators
 - Vacuum and generators

