

# Pick and Place Solutions

Putting together your custom x-y-z system just became a lot easier with one stop shopping at L&H Technologies ... Livingston & Haven can simply provide you with the components for doing the project in house or we can Provide a Complete Productivity Solution for your application in a single package. Either way you need to call today to discuss the best solution for your application.

## PICK AND PLACE COMPONENTS

- Alpha gear Drives**.....
- Backlash down to less than 2 arc minutes
  - gear reductions up to 100:1
  - In-line or right angle available
  - Off the shelf delivery

- Barrington Automation**.....
- Grippers
  - Rotary Actuators
  - Combined Motion Units

- Bosch Rexroth Linear Motion (Star Linear Systems)**.....
- Strokes up to 20' standard
  - Accuracies less than 1 micron available
  - Short 2-3 week lead times for custom lengths
  - Speeds up to 10 m/s

- Bosch Rexroth Electronic Drives and Controls (Indramat)**.....
- Easy mounting to Linear Modules
  - Sercos interface allows for fast transfer of information
  - Sercos interface allows for fast integration to any control system via open bus architecture, SERCOS, Profibus, Devicenet, etc as well as I/O.

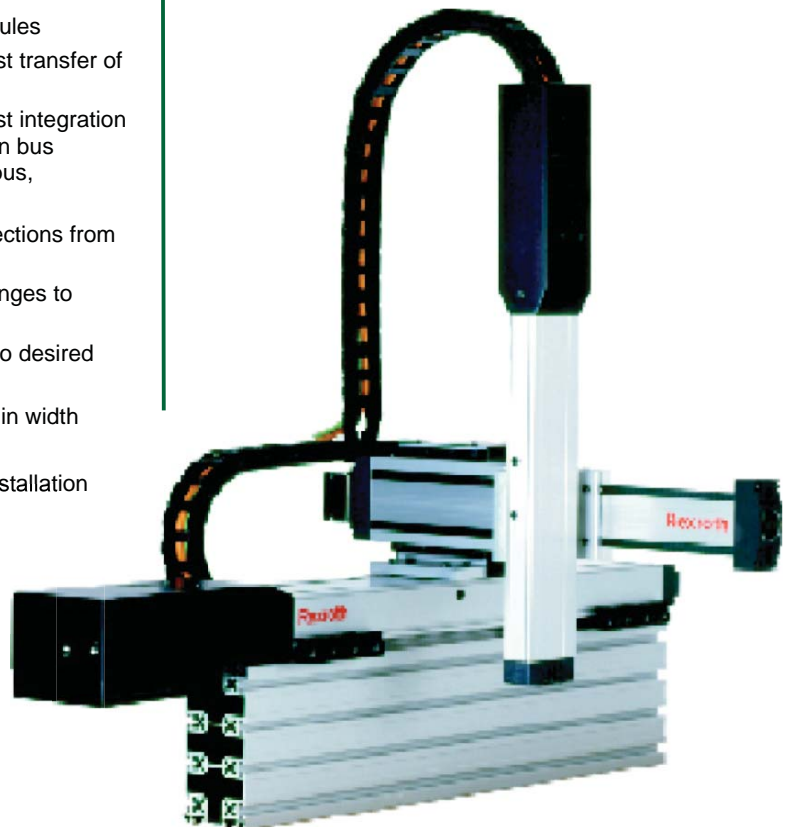
- Frame World**.....
- Huge assortments of cross sections from 1" to 6"
  - Accessories available from hinges to handles to linear bearings
  - Available from stock and cut to desired lengths

- KabelSchlepp**.....
- Ranging from 30mm 150 mm in width
  - Easy to mount bracket
  - Clipped tops for easy cable installation

## Need Parts? Need Systems?

*Livingston and Haven will provide the solution that is right for you!*

For more information about Pick and Place Solutions, please contact us at **1-800-825-4969**, visit our website at **www.Lhtech.com**, or email us at **info@Lhtech.com**.



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## Pick and Place Solutions

### LET LIVINGSTON & HAVEN PUT TOGETHER YOUR COMPLETE SUB-ASSEMBLY

Alpha Gear Boxes

Bosch Rexroth (Indramat) Servos and Drives

Bosch Rexroth (Star) Linear Modules

Barrington Pneumatic Grippers

Frame World Aluminum Extrusions

Kableschlepp Cable Management

#### Fully Assembled Product Included:

- Linear Slide
- Gear Box
- Motors & Drives
- Cable Management
- Mounting Brackets
- Grippers

**QUOTES BACK TO  
YOU IN 48 HRS!**

By filling out our Application Form, we can quote a Cartesian system to you within 48 hours. Now you have one source for all of your robotic components as well as application engineering expertise at your finger tips.

**Livingston & Haven, 11616 Wilmar Blvd., P.O. Box 7207, Charlotte, NC 28241**

**1-800-825-4969**

**email: [info@Lhtech.com](mailto:info@Lhtech.com)**

