

## The next generation of robotic dresspacks

LEONI has completely redesigned the LSH guided robot dresspack solution to be more reliable, compact and flexible, thus making the LSH 3 the most innovative dresspack solution in the global market. Its intelligent and extremely compact design minimises one of the most common causes of error for robot power supply - collision with interfering contours. This benefit in combination with extremely durable materials and proven components creates maximum clearance with a close-fitting dresspack on the robot arm.

### LEONI's robotic dresspack product line includes:

- Complex umbilicals and dresspacks assemblies, including virtually any combination of pneumatic, hydraulic and electrical service, to fit any manufacturer's robot, machine interface, or combination thereof
- Total custom solutions: from standardized products to complex customization
- Worldwide robotic dress support



Scan to get more information  
on LEONI dresspacks.

### Factory Automation

[www.leoni-americas.com](http://www.leoni-americas.com)

[leoni-eps@leoni.com](mailto:leoni-eps@leoni.com)

[@LeoniFactoryAutomation](https://twitter.com/LeoniFactoryAutomation)

### Business Unit Robotic Solutions

LEONI Engineering Products & Services, Inc.

#### Main office:

100 Kay Industrial Drive  
Lake Orion, MI 48359 USA  
+1 (248) 484-5500

#### Southern regional office:

5211 Linbar Drive – Suite 505  
Nashville, TN 37211 USA  
+1 (615) 540-1533

# LSH 3

Tougher. Smarter. More compact.

New

Patent pending



The Quality Connection

04\_2019 / us

# LEONI

## Benefits

- Compact design: fewer interfering contours and lower risk of collision
- Significantly reduced volume, overall weight and length
- Maximum flexibility for dresspack routing
- Compatibility with all LSH versions, without the need for any additional programming
- Compatible to corrugated and smooth yellow tube umbilicals
- Significantly faster replacement of dresspacks in comparison with earlier models
- No maintenance on the retraction element required
- Aluminum protective cover
- For applications with interface on axis 2 or 3
- All components are subjected to extensive field testing

LSH 3 is available for new robots, regardless of size, manufacturer, type or application, as well as retrofits and upgrades for existing workcells. It can be mounted vertically, horizontally or overhead and each system can accommodate up to two dresspacks with the widest range of nominal diameters. Optionally, a rotating pivot

bearing can be mounted on the front end, which supports even the most extreme movement sequences while reducing stress on the dresspack. The standard extension length of the LSH 3 is 350 mm. Mounting can take place on a customer-specific basis on axis 3. Do you have special requirements? We would be glad to write up an individual offer for you.

### Your LSH 3 – your individual design

Let us know if you would like your LSH 3 housing in a custom colour or provided with your company logo. We can also provide the LSH 3 with custom extension lengths after prior arrangement.



Tougher. Smarter. More compact.