



Torsion Spring Retract Robot Dress Solution

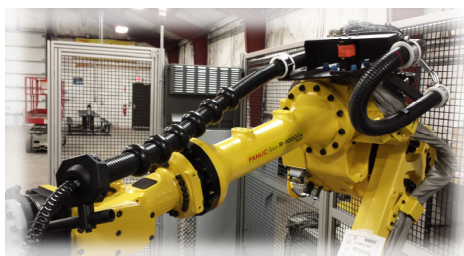
(248) 356-2839

Easy and minimal adjustments to match configuration and robot path of highly articulating robots

Features

- Offers superior protection of utilities
- Minimal amount of labor required to match configuration and robot path
- Very close to robot arm to limit obstruction
- Best solution for very high articulating robots
- Easy replacement of hose or cable
- Allows flexibility to rearrange routing to match robot path and avoid fixtures
- Increased cable/ hose life
- Decreased downtime
- Robot Dress assistance readily available
- 'Value added' services available

SH Series Torsion Spring Retract



- 18 inches (457mm) of stored router

Step 1 Choose Offset Side

- Left
- Right

Step 2 Choose Router Diameter

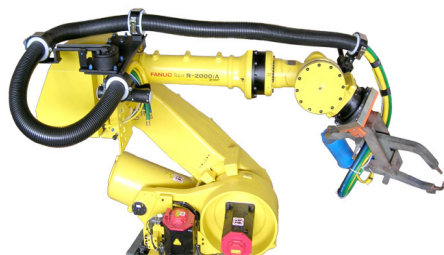
- Less than 36mm
- Less than 29mm
- Less than 23mm

Step 3 Identify robot manufacturer and model

Step 4 Identify utility bundle

- Complete utilities
or
- Bundle diameter

UH Series Torsion Spring Retract



- 23 inches (584mm) of stored router

Step 1 Choose Offset Side

- Left
- Right

Step 2 Choose Router Diameter

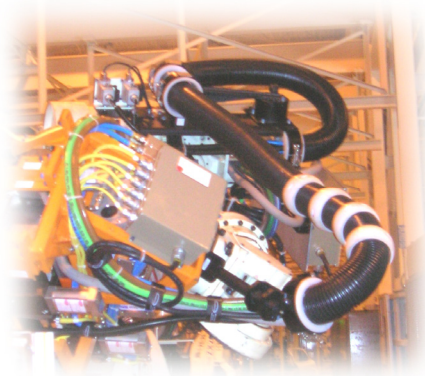
- Less than 70mm
- Less than 56mm
- Less than 48mm

Step 3 Identify robot manufacturer and model

Step 4 Identify utility bundle

- Complete utilities
or
- Bundle diameter

LH Series Torsion Spring Retract



- 26 inches (660mm) of stored router

Step 1 Choose Offset Side

- Left
- Right

Step 2 Choose Router Diameter

- Less than 95mm

Step 3 Identify robot manufacturer and model

Step 4 Identify utility bundle

- Complete utilities
or
- Bundle diameter

Notice: The information contained herein is, to the best of our knowledge, true, accurate and reliable. Since procedures and conditions under which these products may be used are beyond our control, no warranty, expressed or implied, is made to their performance.



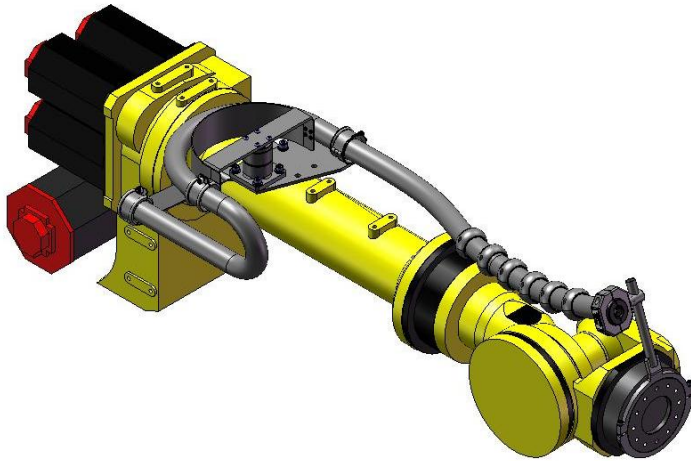
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Examples



SH Series Torsion Spring Retract (as shown)

- Right Hand
- Router—36mm
- Fanuc R2000iB-210 Robot

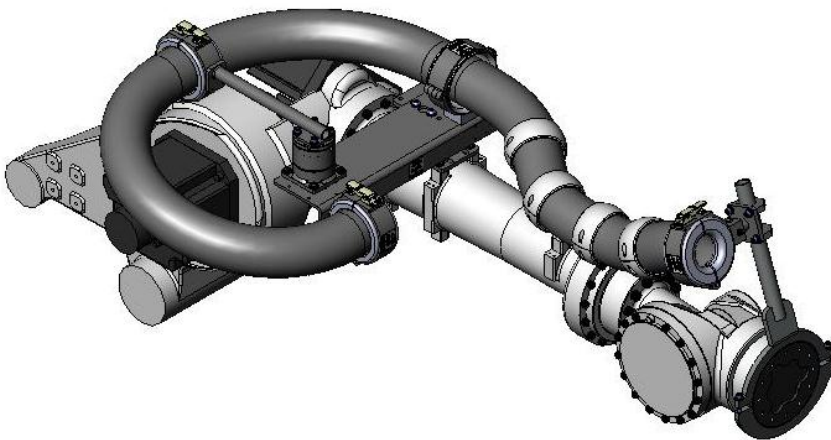
UH Series Torsion Spring Retract (as shown)

- Right Hand
- Router—70mm
- Motoman MH180 Robot



LH Series Torsion Spring Retract (as shown)

- Right Hand
- Router—95mm
- Kawasaki ZXE300S Robot



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