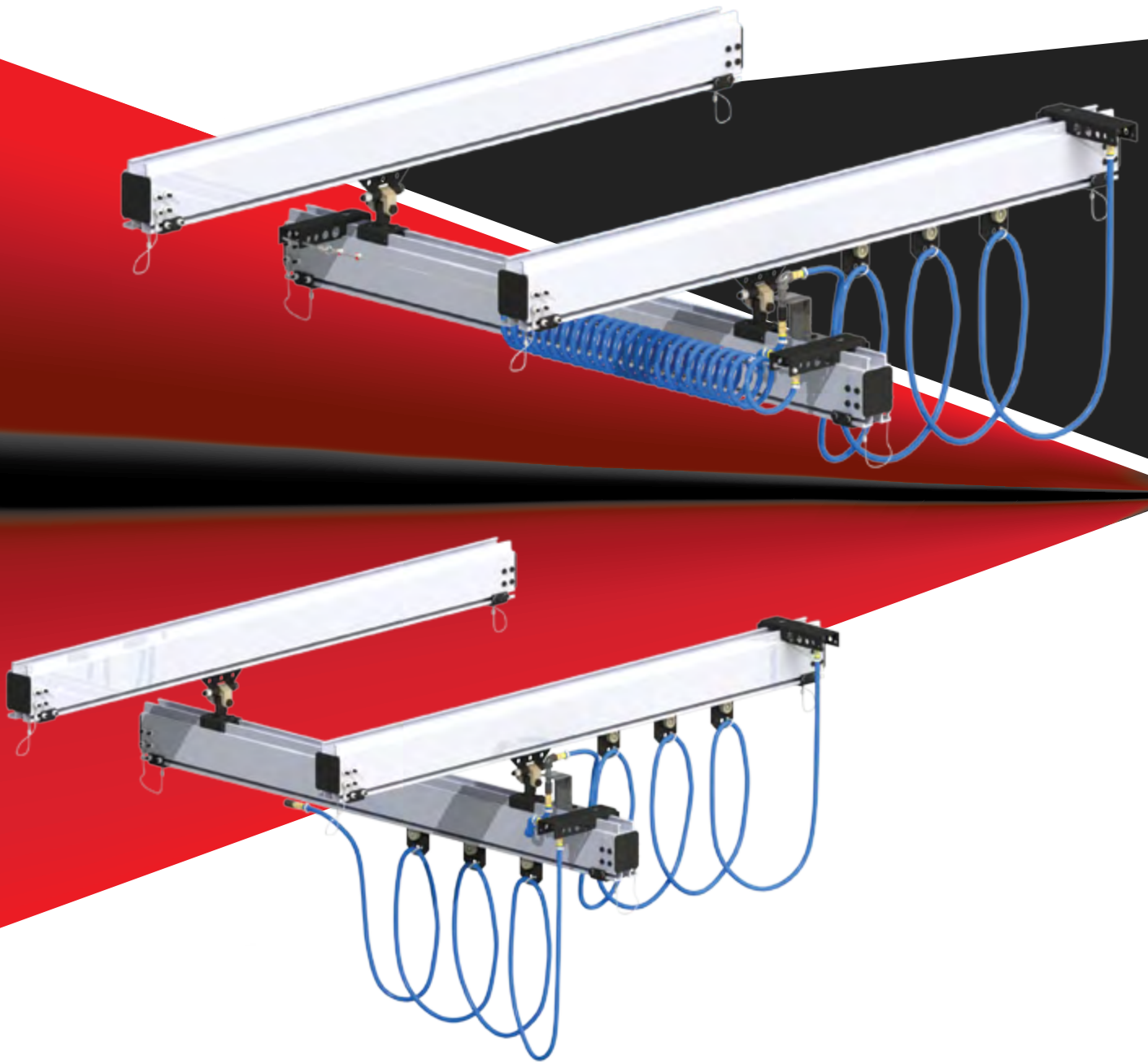




# KNIGHT

GLOBAL



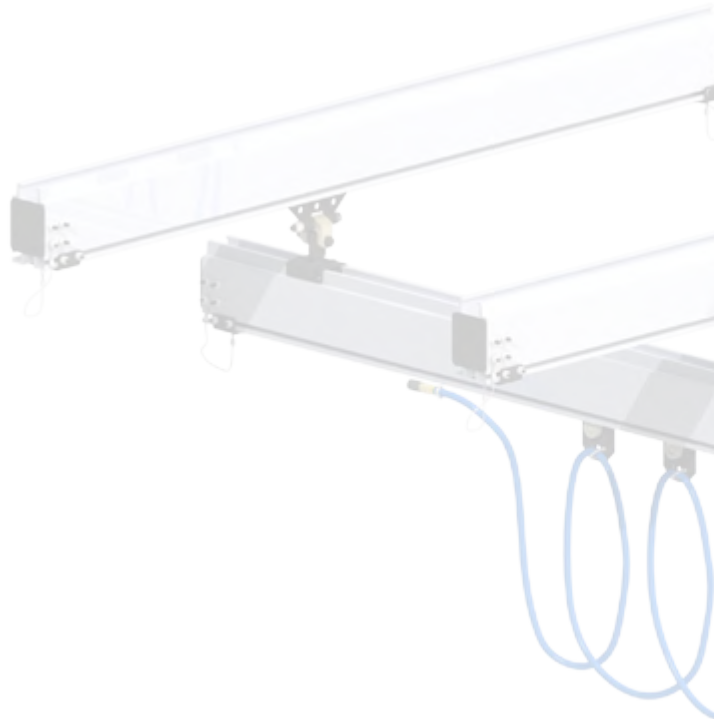
## Hose Management

## Introduction

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## Knight Global | Warranty Information

Knight warrants that its products and parts shall meet all applicable specifications, performance requirements, and be free from defects in material and workmanship for one year, (Servo Systems for two years, Pneumatic Lift Tables for 5 years), from the date of invoice, unless otherwise noted. One exclusion would include any purchased components not manufactured by Knight and their specific individual warranties. Paint defects, scratches and marring from shipping are also excluded.

This warranty shall not cover the failure or defective operation caused by inadequate training provided by customer regarding the operation and / or maintenance of the tool, misuse, negligence, misadjustment, or any alteration not approved by Knight. Knight's obligation is limited to the replacement or repair of Knight's products at a location designated by Knight. Buyer is responsible for all associated internal removal and re-installation costs as well as freight charges to and from Knight Industries. Knight's maximum liability shall not in any case exceed the contract price for the products claimed to be defective.

Knight warrants the Servo Hoist, Arms, and Tractors to be free from defects in material or workmanship for a period of two years or 6000 hours use from the date of shipment.

Knight Distributors/ Agents are not authorized to circumvent or change any of these terms and conditions of this warranty unless prior approval is received in writing by Knight Global Management. Verbal statements made by Knight Distributors/ Agents do not constitute warranties.

On a design and build job, the customer is the owner of the equipment once they authorize shipment. The purchased equipment can not be returned for reimbursement or credit.

Disclaimers: OTHER THAN AS SET FORTH HEREIN, NO OTHER EXPRESSED WARRANTIES, AND NO IMPLIED WARRANTIES, ORAL AND WRITTEN, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE MADE BY KNIGHT WITH RESPECT TO ITS PRODUCTS AND ALL SUCH WARRANTIES ARE HEREBY SPECIFICALLY DISCLAIMED. KNIGHT GLOBAL SHALL NOT BE LIABLE UNDER ANY CIRCUMSTANCES FOR ANY INCIDENTAL, SPECIAL AND / OR CONSEQUENTIAL DAMAGES WHATSOEVER, WHETHER OR NOT FORESEEABLE, INCLUDING BUT NOT LIMITED TO ANY AND ALL DAMAGES FOR LOST PROFITS AND ALL SUCH INCIDENTAL, SPECIAL AND/ OR CONSEQUENTIAL DAMAGES ARE HEREBY ALSO SPECIFICALLY DISCLAIMED.

We are committed to  
**Total Customer Satisfaction**  
through  
QUALITY, RELIABILITY and  
EMPLOYEE INVOLVEMENT.

# Overview

Knight Global's Hose Management provides everything you will need to quickly and efficiently run your pneumatic supply system. Knight offers kits for straight or coiled hose system requirements. For more information on Knight Hose Management or if you need help in selecting the proper kit for your system; contact a Knight representative.



## MRMS4202 Coiled Hose Kit Features

- Attaches to RAD4110, RAD6110 & RAD7510 Series Rail.
- Supplies Air to Tooling.
- Festoon Kit includes:
  - Brackets, Fittings and Messenger Cable for (1) one Runway and (1) one Bridge.
- Hose Fitting Diameters: 1/2 in. [12.7mm].



## MRMS4201 Straight Hose Kit Features

- Attaches to RAD4110, RAD6110 & RAD7510 Series Rail.
- Supplies Air to Tooling.
- Festoon Kit includes:
  - Brackets, Fittings for (1) one Runway and (1) one Bridge.
- Hose Fitting Diameters: 1/2 in. [12.7mm].
- Hose Trolleys Sold Separately.



## MRMS4332 Straight Runway / Coiled Bridge Hose Kit Features

- Attaches to RAD4110, RAD6110 & RAD7510 Series Rail.
- Supplies Air to Tooling.
- Festoon Kit includes:
  - Brackets, Fittings and Messenger Cable for (1) one Straight Runway and (1) one Coiled Bridge.
- Hose Fitting Diameters: 1/2 in. [12.7mm].



Included in kit: Brackets, fittings, and messenger cable.

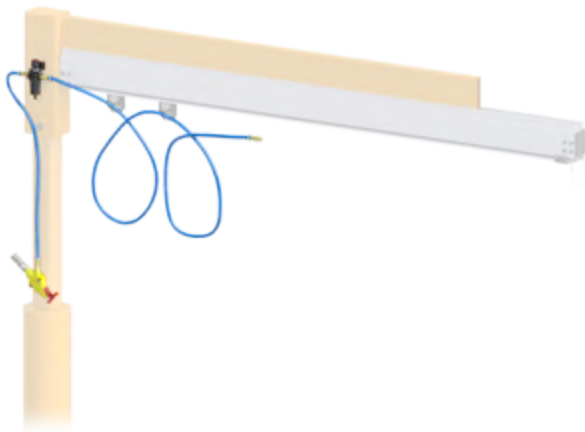
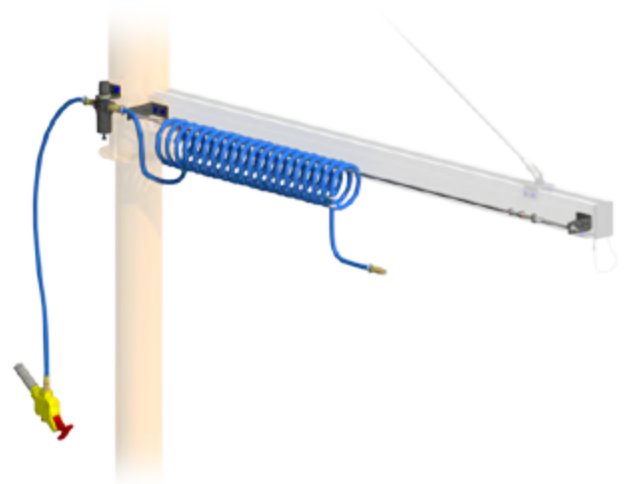
# Hose Management

## JSA9135 Coiled Hose Kit

Knight Global's JSA9135 Jib Crane Hose Management will attach coiled hose to Knight's MJBA2100, MJBA2200, MJBA2300 and MJBA2600 Series Jib Cranes. The JSA9135 kit supplies air to Tooling and End Effectors. The JSA9135 Hose Management Kit includes: all brackets, fittings, regulator, air lock-out and messenger cable for (1) one Jib Crane.

### Features

- Attaches to Knight MJBA2100, MJBA2200, MJBA2300 and MJBA2600 Jib Cranes.
- Supplies Air to Tooling.
- Festoon Kit includes:
  - Brackets, Fittings, Regulator, Air Lock-out and Messenger Cable for (1) one Jib Crane.
- Hose Fitting Diameters: 1/2 in. [12.7mm].



## JSA9140 Straight Hose Kit

Knight Global's JSA9140 Jib Crane Hose Management will attach straight hose to Knight's MJBA2100, MJBA2200, MJBA2300 and MJBA2600 Series Jib Cranes. The JSA9140 kit supplies air to Tooling and End Effectors. The JSA9140 Hose Management Kit includes: all brackets, fittings, regulator, air lock-out and messenger cable for (1) one Jib Crane.

### Features

- Attaches to Knight MJBA2100, MJBA2200, MJBA2300 and MJBA2600 Jib Cranes.
- Supplies Air to Tooling.
- Festoon Kit includes:
  - Brackets, Fittings, Regulator, Air Lock-out for (1) one Jib Crane.
- Hose Fitting Diameters: 1/2 in. [12.7mm].
- Hose Trolleys Sold Separately.

For more information on Knight's Jib Crane Hose Management Kit and Accessories, or if you need help in selecting the proper accessory for your system; contact a Knight representative or please visit [www.knight-ind.com](http://www.knight-ind.com)

# Accessories

RMD4113 1/2 in. Diameter Straight Hose	RMD4115 1/2 in. Diameter Coiled Hose	JSA9137 360° Rotate Air Fitting Assembly	MRMA4488 Filter/Regulator Bracket Assembly	TRM2088 Filter/Regulator Bracket Assembly
 <p>1/2 in. I.D. Polyurethane Straight Hose is used in conjunction with the rail system hose management kits to create the systems festooning.</p>	 <p>1/2 in. I.D. Polyurethane Coiled Hose is used in conjunction with the rail system hose management kits to create the systems festooning.</p>	 <p>Rotating Air Fitting will attach festooning to Knight's Jib Cranes Series. Air Fitting kit supplies air to Tooling and End Effectors.</p>	 <ul style="list-style-type: none"> <li>• Controls air flow to the work station crane.</li> <li>• NPT Filter and Regulator: 1/2 in. [12.7mm].</li> <li>• (FOR RAD series Rail)</li> </ul>	 <ul style="list-style-type: none"> <li>• Attaches to TR2000 Series Rail.</li> <li>• Controls air flow to the workstation crane.</li> <li>• Primarily used in Knight's Hose Management Kits.</li> </ul>

MRMA6115 Hose Trolley with Cable Saddle	MRMA4301 Cabble Saddle with Velcro Straps	MRMA6114 Straight Hose Trolley	MRMA4494 Messenger Cable Hose Trolley
 <ul style="list-style-type: none"> <li>• Carries festooned hose or cable used in hose management kits.</li> <li>• Velcro straps secures hose.</li> <li>• Max. Capacity: Up to 50 lbs. [22kg].</li> </ul>	 <ul style="list-style-type: none"> <li>• Attaches to Load Trolleys.</li> <li>• Steel Construction.</li> <li>• Pivoting Joint.</li> <li>• Supports up to: 2 in. [51mm] Electric Cable or Pneumatic Hose.</li> </ul>	 <ul style="list-style-type: none"> <li>• Carries festooned hose used in hose management kits.</li> <li>• Max. Capacity: Up to 50 lbs. [22kg].</li> </ul>	 <ul style="list-style-type: none"> <li>• Travels on a tag line on the side of the rail system and uses the complete length of the rail.</li> <li>• Carries festooned hose or cable used in hose management kits.</li> <li>• Zero stack-up lengths.</li> </ul>

For more information on Knight's Hose Management Kit Accessories or if you need help in selecting the proper accessory for your system; contact a Knight representative.

Shown Hose Management Kit Accessories will not cover all of Knight's Aluminum, Steel or Jib Crane Rail Systems. For a full list of accessories and hose management kit product descriptions, please visit [www.knight-ind.com](http://www.knight-ind.com).