

CRAB RETURN SYSTEM



(SEMI)-AUTOMATIC RETURN SYSTEM

The Crab Return System (CRS) is a (semi)-automatic system designed for the user to return the crab easily with the push of a button. The crab will follow the vehicle as long as required by the user. The release can be done manually or automatically. The CRS can easily be installed upon your STR system and will fit either the internal crab system (IC) or the external crab (EC) system. The unit will be provided with a basic manual remote control start set. It is possible to add more remote controls to the system to create a maximum ease of use out of the CRS.

APPLICATIONS

The CRS is intended to be used for the following applications:



- To eliminate hazardous vehicle exhaust emissions with our vehicle exhaust capture and removal systems for the following segments: vehicle test facilities, fire- and emergency stations.

SPECIFICATIONS

■ Physical dimensions and properties	
Material	<ul style="list-style-type: none"> • powdercoated steel • braided polyester • aluminium
<ul style="list-style-type: none"> • housing • rope • pulley gear set 	
Colour	black
Weight	15 kg / 33 lbs
Rail installation length	up to 30 meters / 99 ft
■ Electrical data	
Power consumption	90W
Mains voltage	100-230V/1ph/50/60Hz
■ Ambient conditions	
Operating temperature:	<ul style="list-style-type: none"> • min. -20 °C / -4 °F • nom. 20 °C / 68 °F • max. 50 °C / 122 °F
Max. relative humidity	80%
Outdoor use allowed	no
Storage conditions	<ul style="list-style-type: none"> • -10 °C - 80 °C • 14 °F - 176 °F • relative humidity max. 80%
■ Compressed air requirements	
Compressed air	• 5-8 bar (73-116 psi) oil, water and dust free
■ Options and accessories	
Remote control	
Auto return switch (recommended for fire stations)	
■ Where used	
All STR railsystems (retrofitable)	

■ Product combinations

Magnetic Grabber® | Pneumatic Grabber® | Safety Disconnect Handle | Grabbers with vicegrip | Balancer | Hydraulic balancer

■ Scope of supply

Crab Return System: retrieval mechanism | remote control | rope set

■ Order information

- | | |
|-------------|--------------|
| • CRS-10/33 | • 0000114059 |
| • CRS-20/66 | • 0000114060 |
| • CRS-30/99 | • 0000114061 |

Number/package	1
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■ Shipping data

Gross weight	18 kg / 40 lbs
Packing dimensions	500 x 400 x 400 mm 20 x 16 x 16 in.
Harmonized Tariff Code	84219990
Country of origin	the Netherlands

FEATURES & BENEFITS

- Easily retrofitted on existing Plymovent STR Internal Crab systems as well as External Crab systems.
- Simple installation
- Automatic return with sensor return trigger / auto return switch or remote control

APPROVALS/CERTIFICATES



Product type	Crab Return System
Article no.	see order information
Product category	railsystems
Version	230318/1

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