

PURCHASE SYSTEMS

Making light work of heavy loads



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Lightweight, compact, low-friction, certified

Harken Industrial™ purchase systems increase operation strength, facilitating low-friction pulling power in a wide variety of pulling/lifting operations. Systems can be used on

their own, or easily combined with an existing system for tensioning, deviation, or casualty transfer. Purchase systems come fully rigged with tamper-evident terminations.



Low-friction sheave

Delrin® ball bearings provide low-friction, easy rope release under load. Ball bearings are UV-stabilized for maximum protection.



Ball bearing cam cleats

Harken Industrial ball bearing cam cleats hold rope securely and release easily under load. Multiple rows of ball bearings reduce friction. The cam's V-shape guides rope for easy entry.



Tamper evident

Purchase systems are supplied prereeved and fully assembled. The securing knot is sealed to prevent irreparable damage to the system.



Pre-stretched polyester rope

The purchase systems use polyester based rope in various sizes. The polyester braided covers are UV and abrasion resistant.



Safety compliance

Harken Industrial™ purchase systems are serial numbered for full traceability. The 443.DRPS is supplied with an individual proof test certificate.

APPLICATIONS & MAINTENANCE

Simple to use in load-assist applications

Harken Industrial purchase systems are used by emergency services and rescue personnel to help transfer loads and individuals from working ropes to alternates. The system is also used to transfer loads in deviation, and to take the load when lifting inanimate objects.

Maintenance is easy

To clean, simply flush pulleys with fresh water. As with all equipment, check regularly to make sure it is in good working order. Check rope for chafe and wear. Make sure tamper-evident seals are intact.



IN2624 443.2141 443.DRPS

Contact Harken Industrial in the UK for purchase system sales/information.

Part No.	Description	Range of travel		Max rated load for goods/ equipment (BL/4)		SWL for human suspension (BL/10)		Individual proof-tested	
		ft	m	lb	kN	lb	kN	lb	kg
IN2624	CE 4:1 purchase system	6.5	2	445	2				
443.DRPS.3M	CE 6:1 diver recovery purchase system - 3 m throw*	9.8	3	937	4.25	375	1.7	660	300
443.DRPS.6M	CE 6:1 diver recovery purchase system - 6 m throw*	19.6	6	937	4.25	375	1.7	660	300
443.DRPS.9M	CE 6:1 diver recovery purchase system - 9 m throw*	29.5	9	937	4.25	375	1.7	660	300
443.2141.3M	CE 6:1 MOB purchase system - 3 m throw*	9.8	3	900	4	375	1.7		
443.2141.6M	CE 6:1 MOB purchase system - 6 m throw*	19.6	6	900	4	375	1.7		
443.2141.9M	CE 6:1 MOB purchase system - 9 m throw*	29.5	9	900	4	375	1.7		

*Custom lengths available from 1 to 25 m (3.3 – 82'). Rope color may vary.



Maximum rated load is calculated from a 4x safety factor from break load for load lifting and pulling applications; marked in accordance with the Machinery Directive and EN13157:2004+A1:2009 Standard.

WARNINGS AND INSTRUCTIONS. You must carefully read, understand, and follow all of the warnings and instructions in the manual provided by Harken Industrial in order to avoid an accident. Never, under any circumstances, exceed the maximum rated load.

FAQS

Q: Why are Harken industrial purchase systems unique?

A: Harken Industrial purchase systems are CE certified under EN13157 (Machinery Directive).

Q: Are they suitable for human suspension?

A: IN2624 purchase systems are intended for non-live loads but can be used to help transfer live loads in rescue situations. The 443.DRPS Diver Recovery and the 443.2141 MOB purchase systems can be used for human suspension when a safety factor of 10 is applied and used in conjunction with fall protection, in accordance with local standards and regulations.

Q: Can I replace the rope or parts within the system?

A: Any modifications made to Harken Industrial purchase systems will result in the loss of certification. Modifications and repairs should only be done by Harken Industrial or an approved service center.

Q: What is the purchase systems' range of travel?

A: Purchase systems are available in different sizes from 1 m (3.3') and up, please contact Harken Industrial in the UK for a full list of size options.

Q: What purchases are offered?

A: Harken Industrial offers purchase systems with 4:1 or 6:1 mechanical advantage. They are both CE certified under EN13157. Different configurations are available. Please contact Harken Industrial in the UK for more information.

Q: Does the system come with attachments or accessories?

A: All listed purchase systems are supplied with shackle connectors, accessories can be offered for some solutions, please contact Harken Industrial in the UK for more details.

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