

PULLEYS

Handle all sorts of load with ease



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Harken Industrial™ has a solution for any pulling problem

Harken Industrial™ pulleys provide low-friction pulling power for any fiber-rope application. Designed to be as lightweight and small as possible for the load capacity, they are easy to transport and install. Sheave diameters range from 57 – 150 mm (2 1/4 – 5 15/16")

with options of single and double sheaves featuring ratchets, swivels, and beckets. All Harken Industrial pulleys are certified to EN13157 Machinery Directive for lifting goods and equipment. If you don't find a pulley that meets your needs here, contact us about our full range.



Carbo® Air® pulleys

These high-strength, lightweight pulleys are made of tough, reinforced composite. Free-running ball bearings run on curved races, efficiently dispersing load for a higher strength-for-size than flat races carry.



Classic Midrange Pulleys

These robust pulleys are ideal for handling high loads. Free-running Delrin® ball bearings roll on flat races to allow fast haul and release under high or low loads.

Hexaratchet® versions grip loaded ropes, relieving holding loads, while maintaining quick ease and haul with complete control. A switch on the side engages and disengages the ratchet mechanism.



Black Magic® Air® pulleys

With high strength-to-weight ratios and free-rolling, high-load roller bearings, Black Magic Air pulleys handle high dynamic and static loads where friction is an issue.



CE Certified

Certified under EN13157 Machinery Directive for lifting goods and equipment.



Clearly labeled

Pulleys are engraved with part number, serial number, CE, EN test number, and max rated load (MRL).

APPLICATIONS & MAINTENANCE

Simple to use and ideal for diverse applications

Harken pulleys can be used in rope-handling applications across many industries:

- Load towing/securing
- Theatrical
- Cable laying
- Stunt work

Maintenance is easy

The simple construction requires no lubrication. Simply flush with fresh water to keep bearings free rolling.

FAQS

Q: What are my options if I need a pulley that isn't certified?

A: Harken Industrial can CE certify additional pulleys in response to demand. If you need a pulley that is not listed, please contact info@harkenindustrial.com.

Q: Can these pulleys be used with wire rope?

A: Typically the answer is no. Contact Harken Industrial to discuss your application.

Q: What does Max Rated Load mean?

A: This is the maximum load for which the equipment is designed by the manufacturer as defined by the certification standard.

Range

All Harken Industrial™ pulleys listed below are CE certified for use with fiber rope.

Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max fiber rope Ø*		Max rated load	
		in	mm	in	mm	lb	g	in	mm	in	mm	lb	kN
Carbo													
IN2660	Single Carbo swivel	2 15/16	75	5 3/8	137	0.43	195	1/4	6	9/16	14	224	1.25
IN2661	Single Carbo swivel w/bucket	2 15/16	75	6 1/2	165	0.47	214	1/4	6	9/16	14	224	1.25
IN2662	Double Carbo swivel	2 15/16	75	6	152	0.88	402	5/16	8	9/16	14	562	2.5
Classic Midrange													
IN1540	Single Midrange	3	76	6 1/8	156	0.81	367	5/16	8	9/16	14	1124	5
IN1544	Double Midrange	3	76	7 1/2	191	1.59	723	5/16	8	9/16	14	1573	7
IN1545	Double Midrange w/bucket	3	76	8 1/2	216	1.65	751	5/16	8	9/16	14	1573	7
IN1549SSP	Single Midrange Hexaratchet	3	76	6 1/8	156	0.88	397	5/16	8	9/16	14	1124	5
Black Magic													
IN3226	Single Black Magic swivel	2 1/4	57	4 11/16	119	0.34	154	1/4	6	7/16	12	1124	5
IN3215	Single Black Magic swivel	2 1/4	57	4 11/16	119	0.34	152	1/4	6	7/16	12	1124	5
IN3217	Double Black Magic swivel	2 1/4	57	5 3/16	132	0.74	336	5/16	8	7/16	12	1574	7
IN3214	Single Black Magic loop**	2 1/4	57	3	76	0.2	92			7/16	12	674	3
IN3243	Single Black Magic swivel	2 15/16	75	5 1/8	129	0.74	335	5/16	8	9/16	14	1348	6
IN3231	Single Black Magic swivel	2 15/16	75	5 1/8	129	0.73	331	5/16	8	9/16	14	2248	10
IN3246	Single Black Magic swivel	3 15/16	100	8	203	1.37	623	3/8	10	5/8	16	3372	15
IN3256	Single Black Magic swivel	4 15/16	125	10	254	2.33	1058	1/2	12	3/4	19	4495	20
IN3255	Single Black Magic loop**	4 15/16	125	6	163	1.48	674			3/4	19	4495	20
IN3262	Single Black Magic swivel	5 15/16	150	12	305	4.05	1840	5/8	16	1	25	6969	31

*Max wire rope Ø is dependent on wire construction and application. Please contact Harken Industrial for information.

**Loop not included.



Rated loads are 4:1 coefficient ratio of the type test load.

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.

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