

PULLEYS

A SOLUTION TO ANY PULLING PROBLEM



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a solution to any pulling problem



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 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.



ESP PULLEYS

Sheaves feature sleeve bearings to handle high static loads. Ball bearings handle side loads. Aluminum sideplates make ESP pulleys strong and durable.



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.



CLEARLY LABELED

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

Delrin is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.



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.



CE CERTIFICATION

Harken offers a wide range of EN13157-certified pulleys for hand-operated lifting equipment.

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: THERE IS A WIDE RANGE OF HARKEN PULLEYS, WHAT IF THE ONE I NEED 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: This depends on the sheave material. Pulleys with aluminum sheaves can be used with wire rope, but the pulley's working life will be reduced due to increased wear on the sheave. Our range of wire pulleys and Black Magic® pulleys, 75 mm or larger, have aluminum sheaves.

Q: ARE HARKEN INDUSTRIAL CE PULLEYS PROPERLY MARKED WITH CRITICAL WORKING INFORMATION?

A: Yes. Each pulley is marked specifying block type, maximum rope diameter, working load limit, breaking load, serial number, and the manufacturer's mark clearly visible.

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.

Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max fiber rope Ø*		Max rated load		Use with
		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	Fiber
IN2661	Single Carbo swivel w/becket	2 15/16	75	6 1/2	165	0.47	214	1/4	6	9/16	14	224	1	Fiber
IN2662	Double Carbo swivel	2 15/16	75	6	152	0.88	402	5/16	8	9/16	14	562	2.5	Fiber
Classic Midrange														
IN1540	Single Midrange	3	76	6 1/8	156	0.81	367	5/16	8	9/16	14	1124	5	Fiber
IN1544	Double Midrange	3	76	7 1/2	191	1.59	723	5/16	8	9/16	14	1573	7	Fiber
IN1545	Double Midrange w/becket	3	76	8 1/2	216	1.65	751	5/16	8	9/16	14	1573	7	Fiber
IN1549SSP	Single Midrange Hexaratchet	3	76	6 1/8	156	0.88	397	5/16	8	9/16	14	1124	5	Fiber
ESP														
IN6059	Single ESP swivel	2 1/4	57	5 1/2	140	0.48	218	5/16	8	5/8	16	900	4	Fiber
IN6050	Teardrop mast collar	2 1/4	57	3 11/16	93.5	0.27	122			5/8	16	900	4	Fiber
IN6058	Single ESP swivel	2 15/16	75	6 1/4	159	0.75	340	5/16	8	3/4	19	1460	6.5	Fiber
IN6056	Teardrop mast collar	2 15/16	75	4 5/8	117	0.49	221			3/4	19	1236	5.5	Fiber
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	Fiber
IN3215	Single Black Magic swivel	2 1/4	57	4 11/16	119	0.34	152	1/4	6	7/16	12	1124	5	Fiber
IN3214	Single Black Magic loop**	2 1/4	57	3	76	0.2	92			7/16	12	674	3	Fiber
IN3243	Single Black Magic swivel	2 15/16	75	5 1/8	129	0.74	335	5/16	8	9/16	14	1348	6	Fiber
IN3231	Single Black Magic swivel	2 15/16	75	5 1/8	129	0.73	331	5/16	8	9/16	14	2248	10	Fiber
IN3246	Single Black Magic swivel	3 15/16	100	8	203	1.37	623	3/8	10	5/8	16	3372	15	Fiber
IN3256	Single Black Magic swivel	4 15/16	125	10	254	2.33	1058	1/2	12	3/4	19	4495	20	Fiber
IN3255	Single Black Magic loop**	4 15/16	125	6	163	1.48	674			3/4	19	4495	20	Fiber
IN3262	Single Black Magic swivel	5 15/16	150	12	305	4.05	1840	5/8	16	1	25	6969	31	Fiber

*Max wire rope Ø is dependent on wire construction and application. Please contact Harken Industrial for information. **Loop not included.

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