Edition: December 2025

Steel Wire Rope for **FISHING**

IPH®

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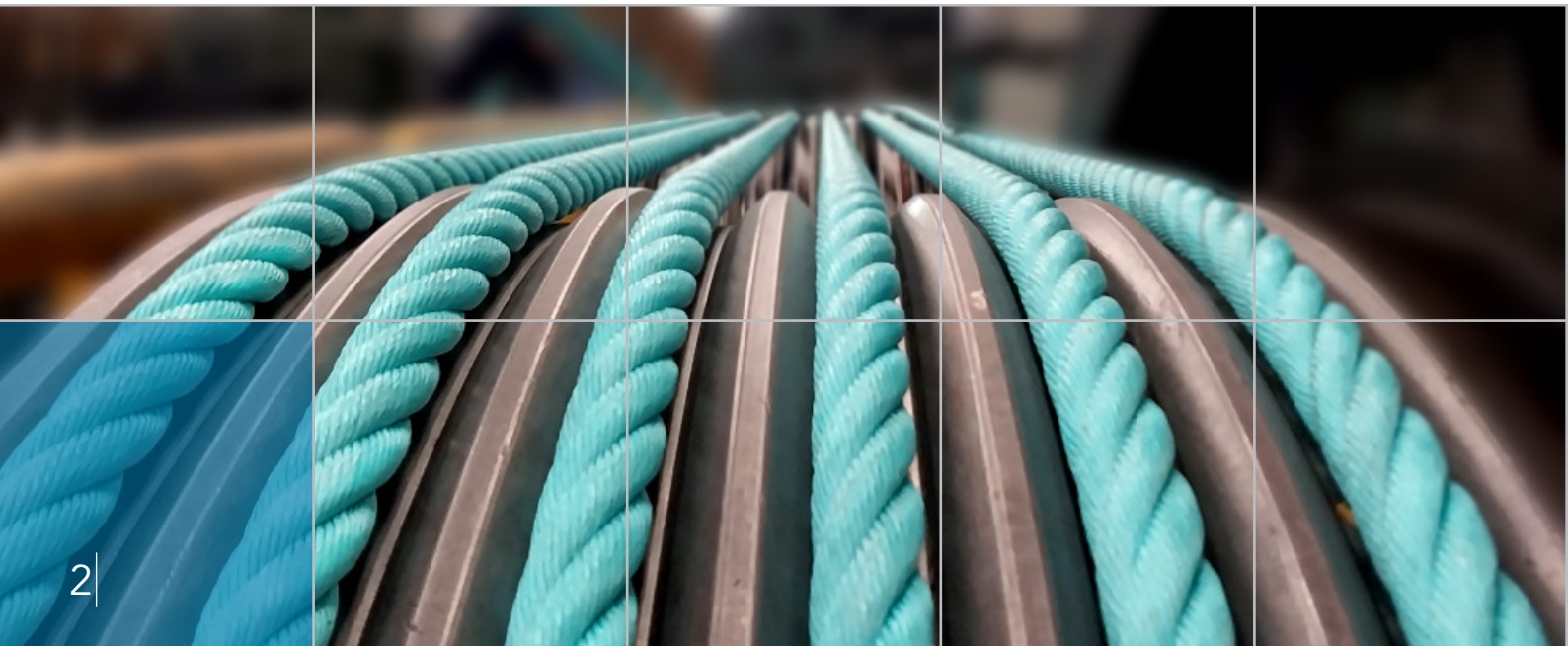


Steel Wire Ropes for **COMMERCIAL FISHING**

For more than 75 years, IPH has been a leading manufacturer of steel wire ropes, trawl warps, purse seine cables, and combined steel–synthetic constructions for the commercial fishing industry. With operations and technical support throughout Latin America, IPH supplies fleets working in the South Atlantic — one of the world's most productive and demanding fishing grounds.

Our ropes are engineered for high durability, controlled stretch, and consistent diameter stability, ensuring reliable performance in trawling, purse seine, pelagic, and aquaculture applications. All manufacturing is fully vertically integrated and produced in accordance with national and international standards, including ISO and EN rope classifications. This places IPH among the leading global suppliers to industrial fishing fleets in Chile, Peru, Panama, Argentina, and Spain.

IPH continuously improves rope construction, wire metallurgy, lubrication systems, and surface finishing to enhance service life under the high tensions, abrasion, and bending fatigue common in modern winch systems. We work closely with fleet managers, net manufacturers, and equipment suppliers to match the rope design to the vessel, winch system, and fishing method.

If you require a special construction, non-standard length, or engineered rope recommendation, please contact our Technical–Commercial team. We are available to provide consultation, selection guidance, and performance calculations tailored to your operation.

IPH QUALITY

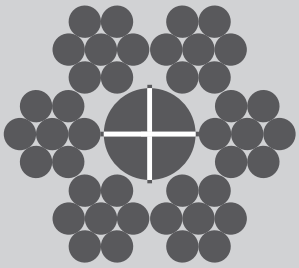
Every IPH cable is delivered with a Quality Certificate ensuring complete product traceability and compliance with applicable standards across all stages of production — from steel rod to the finished cable.

MANAGEMENT SYSTEM CERTIFICATIONS:
API Monogram Spec Q1, Spec 9A (American Petroleum Institute)
ISO 9001:2008 (TÜV Rheinland and Fundação Vanzolini)

PRODUCT CERTIFICATIONS:
Marine Use: Lloyd's Register plant certification
Elevator Ropes: IRAM-INTI / IRAM 840
Wire Rope Slings: IRAM 5221
(with conformance mark for pressed eye slings)
General Steel Wire Rope: ABNT NBR / ISO 2408
Offshore Container Lifting Slings: DNV 2.7-1

For certification scope details, visit: www.iphglobal.com

ROPES FOR TRAWLING AND PURSE



IPH 67

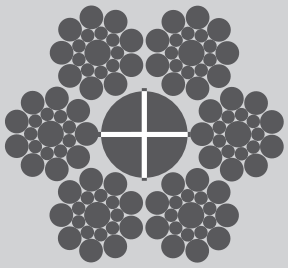
6x7 Fiber Core (Polypropilene)

Recommended for trawling and general marine applications, this 6x7 construction with a polypropylene fiber core is widely used in commercial fishing due to its excellent value, reliable abrasion resistance, and proven field performance.
A heavy galvanized coating provides enhanced corrosion resistance, helping the rope maintain durability in harsh marine environments where salt exposure and high humidity are constant challenges. A common application includes use as trawl (drag) line in shrimping operations.

Diameter	Weight	Minimum breaking load Grade 1370/1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]
9.50	0.311	47.0	4.8
10.00	0.345	52.2	5.3
11.00	0.417	63.1	6.4
12.00	0.497	75.0	7.7
13.00	0.583	88.1	9.0
14.00	0676	102	10.4
16.00	0.883	133	13.6
18.00	1.120	169	17.2

Construction: 6x7
Finish: Heavy galvanized
Lubrication: Heavy-duty lubrication

Note: Metric units are shown. To convert weight to imperial units, multiply kg/m by 0.672 to obtain lb/ft.
Please contact IPH for diameters or breaking loads not listed in this catalog.



IPH FSH 619

6x19 Seale - Fiber Core or Steel Core

Versatile construction for trawling, purse seining, and general deck use
The 6x19 Seale construction is one of the most commonly selected ropes for trawling, purse seine nets, and multi-purpose fishing applications, offering reliable performance at a competitive cost.
Manufactured as standard with a polypropylene fiber core, it is also available with a steel core for applications requiring greater crush and compression resistance. The rope is fully lubricated with a high-performance anti-corrosion compound, and its large outer wires provide improved abrasion resistance, supporting extended service life.

SYNTHETIC FIBER CORE

Diameter	Weight	Minimum breaking load Grade 1570 N/mm²		Grade 1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]	[kN]	[t]
9.50	0.320	46.8	4.8	52.7	5.4
12.00	0.517	74.6	7.6	84.1	8.6
13.00	0.607	87.5	8.9	98.7	10.1
14.00	0.704	101	10.3	114	11.6
16.00	0.919	133	13.6	150	15.3
18.00	1.160	168	17.1	189	19.3
20.00	1.440	208	21.2	234	23.9
22.00	1.740	251	25.6	283	28.9
24.00	2.070	298	30.4	336	34.3
26.00	2.430	350	35.8	395	40.3
28.00	2.810	406	41.5	458	46.7
30.00	3.230	467	47.6	526	53.7
32.00	3.680	530	54.1	598	61.0

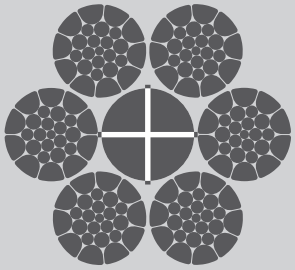
COMPACTED STEEL CORE

Diameter	Weight	Minimum breaking load Grade 1570 N/mm²		Grade 1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]	[kN]	[t]
26.00	2.700	380	38.8	426	43.5
28.00	3.140	440	44.9	494	50.4
30.00	3.600	503	51.3	567	57.9
32.00	4.100	572	58.4	645	65.8

Construction: 6x19 Seale or 6x26 Warrington Seale, depending on diameter Finish: Galvanized
Lubrication: Heavy-duty lubrication

COMPACTED STRAND ROPES

IPH FSH 619 C



IPH FSH 626 C

Compacted strand constructions such as **IPH FSH 619C** and **IPH FSH 626C** provide significantly improved abrasion resistance, as the flattened outer wires create a smoother and broader contact surface on sheaves and rollers. Because compacted ropes also contain greater metallic cross-section within the same diameter, they deliver higher tensile strength.
Compaction additionally reduces in-service stretch, allowing the rope to maintain more consistent wear patterns over time, which helps reduce both rope waste and cutting labor during operation.
These ropes can be manufactured with a polypropylene fiber core for increased flexibility, or with a steel core where higher crush resistance, greater breaking strength, and lower elongation are required. All versions are fully impregnated with a high-performance anti-corrosion lubricant suitable for continuous exposure or immersion in marine environments.

SYNTHETIC FIBER CORE

Diameter	Weight	Minimum breaking load			
		Grade			
		1570 N/mm²		1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]	[kN]	[t]
14.00	0.740	110	11.2	124	12.7
16.00	0.960	144	14.7	160	16.3
18.00	1.220	181	18.5	204	20.8
20.00	1.500	225	23.0	251	25.6
22.00	1.820	270	27.6	304	31.0
24.00	2.160	321	32.8	362	36.9
26.00	2.540	377	38.5	425	43.4
28.00	2.950	437	44.6	492	50.2
30.00	3.380	502	51.2	566	57.8
32.00	3.850	571	58.3	644	65.7
34.00	4.340	644	65.7	726	74.1
36.00	4.870	722	73.7	814	83.1

COMPACTED STEEL CORE

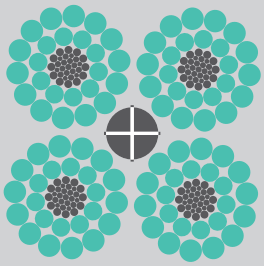
Weight	Minimum breaking load			
	Grade			
	1570 N/mm²		1770 N/mm²	
[kg/m]	[kN]	[t]	[kN]	[t]
2.500	360	36.7		41.7
2.950	423	43.2		48.7
3.420	491	50.1		56.5
3.930	563	57.4		64.8
4.470	641	65.4		73.8
5.040	723	73.8		83.2
5.650	810	82.7		93.3

Construction: 6x19 Seale or 6x26 Warrington Seale, depending on diameter
Finish: Galvanized
Lubrication: Heavy-duty lubrication

Note: Metric units are shown. To convert weight to imperial units, multiply kg/m by 0.672 to obtain lb/ft.
Please contact IPH for diameters or breaking loads not listed in this catalog.

TRAWL WARPS

These hybrid ropes (steel + fiber) combine strength with reduced weight. Designed specifically for bottom trawl fishing, they connect the door (net mouth spreader) and the bridle.
IPH malletas are manufactured with galvanized steel wires and a Polysteel® synthetic fiber cover—a high-tenacity, abrasion-resistant fiber ideal for irregular seabeds. The lightweight construction provides buoyancy and allows smooth sliding over the seabed without digging in. The special weave of the cover fibers delays wear, extending service life until the steel core becomes visible (actual performance varies with seabed and fishing conditions).
Available in 4 or 6-strand constructions depending on diameter, IPH malletas are the most flexible in their category, ensuring smooth passage over rollers.

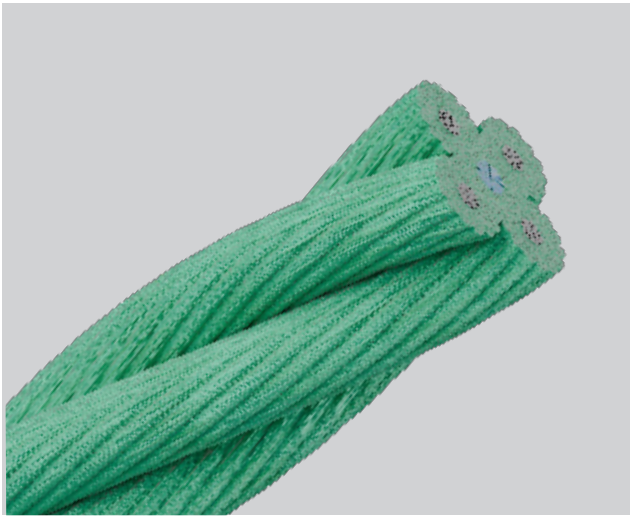


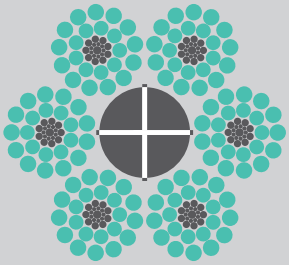
IPH FSH 431PS

Minimum breaking load

Diameter	Weight	Grade 1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]
32.00	1.180	179	18.3
36.00	1.500	227	23.2
38.00	1.660	253	25.8
40.00	1.840	280	28.6
44.00	2.230	339	34.6
48.00	2.650	403	41.1

Construction: 4x31 WS with double Polysteel covering.
Finish: Galvanized.



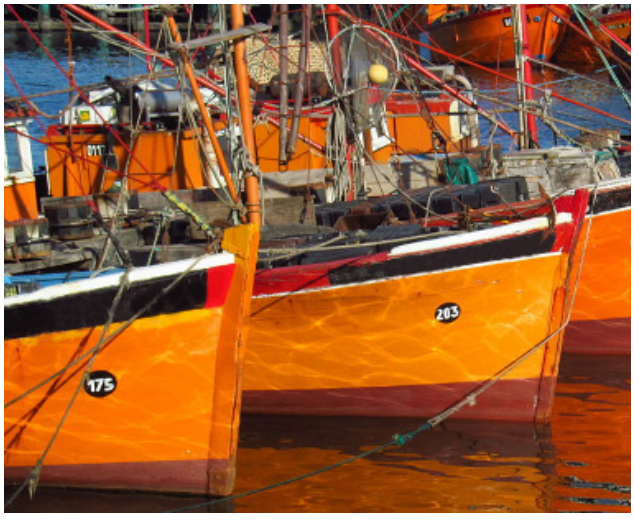


IPH FSH 619 PS

Minimum breaking load

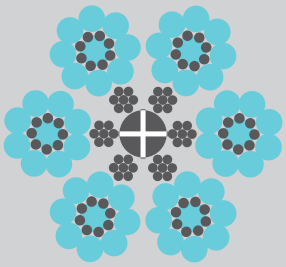
Diameter	Weight	Grade 1570 N/mm²	
[mm]	[kg/m]	[kN]	[t]
50.00	3.200	340	34.7
56.00	3.500	400	40.8
60.00	4.000	470	48.0

Construction: 6x19 Seale with double Polysteel covering.
Finish: Galvanized.



Note: Metric units are shown. To convert weight to imperial units, multiply kg/m by 0.672 to obtain lb/ft.
Please contact IPH for diameters or breaking loads not listed in this catalog.

FISHING GEAR ROPES



IPH 68P

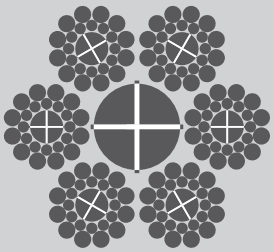
Combined Steel + Polypropylene Rope

Steel wires combined with polypropylene fibers are widely used for assembling trawl nets, particularly for low-power vessels. Their flexibility makes handling easier during net assembly, while the fiber cover prevents slippage once the net is mounted.

Minimum breaking load

Diameter	Weight	Grade 1570 N/mm²	
[mm]	[kg/m]	[kN]	[t]
14.00	0.330	46.5	4.7
16.00	0.390	62.0	6.3
18.00	0.470	76.0	7.8
20.00	0.590	97.0	9.9
22.00	0.860	142	14.5
24.00	1.070	170	17.3
26.00	1.220	189	19.3

Construction: 6x8 combined with polypropylene covering.
Finish: Galvanized.
Manufactured with a mixed steel core (fiber core available upon request)



IPH 624

Flexible 6×24 construction with fiber cores, offering high breaking load and good abrasion resistance. Commonly used for trawl and purse seine nets—ideal for lines, bridles, and headline applications.

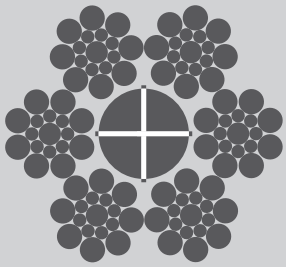
Minimum breaking load

Diameter	Weight	Grade 1570 N/mm²	
[mm]	[kg/m]	[kN]	[t]
9.50	0.280	40.5	4.1
12.00	0.450	64.7	6.6
14.00	0.620	88.0	9.0
16.00	0.800	115	11.7
18.00	1.020	145	14.8
20.00	1.260	180	18.4
22.00	1.520	217	22.1
24.00	1.810	259	26.4
26.00	2.120	304	31.0
28.00	2.460	352	35.9
30.00	2.820	404	41.2

Construction: 6x24 + 7 textile cores.
Finish: Galvanized.

Note: Metric units are shown. To convert weight to imperial units, multiply kg/m by 0.672 to obtain lb/ft.
Please contact IPH for diameters or breaking loads not listed in this catalog.

AQUACULTURE ROPES



IPH FSH 617

A high-strength rope with excellent abrasion and corrosion resistance, commonly used as mooring line in salmon and other aquaculture operations. Manufactured with extra-heavy zinc-coated outer wires and impregnated with a marine-grade lubricant for immersion resistance. Ideal for long-term use in harsh saltwater environments.

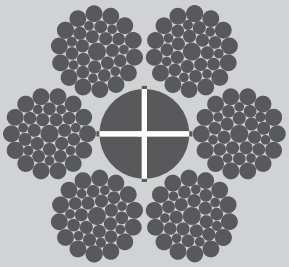
Minimum breaking load

Diameter	Weight	Grade 1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]
13.00	0.607	98.7	10.1
14.00	0.704	114	11.6
16.00	0.919	150	15.3
18.00	1.160	189	19.3
20.00	1.440	234	23.9
22.00	1.740	283	28.9
24.00	2.070	336	34.3
26.00	2.430	395	40.3
28.00	2.810	458	46.7
32.00	3.680	598	61.0

Construction: 6x17 or 6x19 Seale.
Finish: Heavy galvanized (AB-type zinc coating).
Lubrication: Heavy-duty lubrication.
Core: Synthetic fiber core (steel core available upon request).

Note: Metric units are shown. To convert weight to imperial units, multiply kg/m by 0.672 to obtain lb/ft.
Please contact IPH for diameters or breaking loads not listed in this catalog.

GENERAL PURPOSE ROPES



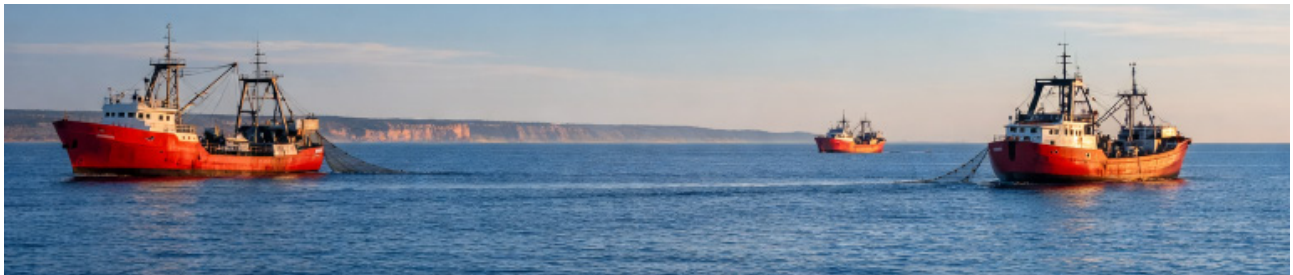
IPH 636

A galvanized 6×36 rope suitable for a wide range of general applications such as rigging, winches, mooring, and lifting equipment.
Highly flexible and versatile, it combines strength, fatigue resistance, and smooth operation.
Manufactured with polypropylene fiber core, galvanized finish, and ISO 1770 (180 kg/mm²) wire grade under ISO 2408 standards. Lloyd's Register certification available upon request.

Minimum breaking load

Diameter	Weight	Grade 1770 N/mm²	
[mm]	[kg/m]	[kN]	[t]
9.50	0.330	52.7	5.38
11.00	0.440	70.7	7.21
13.00	0.620	98.7	10.1
14.00	0.720	114	11.6
16.00	0.940	150	15.3
19.00	1.320	211	21.5
22.00	1.780	283	28.9
26.00	2.480	395	40.3
28.00	2.880	458	46.7
32.00	3.760	598	61.0
35.00	4.500	716	73.1

Construction: 6x36.
Core: Polypropylene fiber.
Finish: Galvanized.
Wire grade: ISO 1770 (180 kg/mm²).
Manufacturing standard: ISO 2408.
Note: Quality Certificate available upon request in accordance with Lloyd's Register of Shipping requirements.



THE IPH VALUE

RESEARCH & DEVELOPMENT

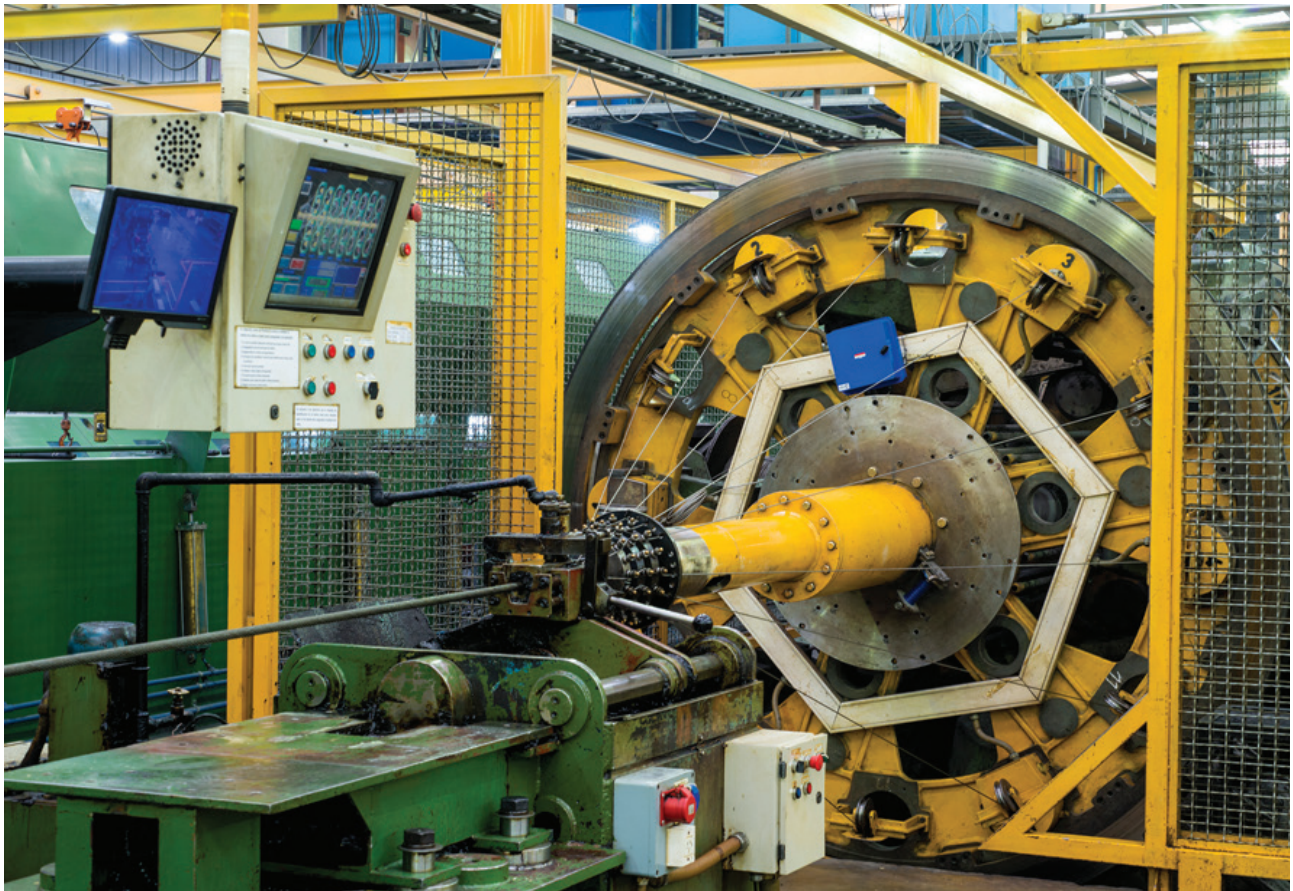
- In-house engineering and design expertise
- Field engineering applied to specific customer operations and continuous improvement analysis
- Advanced laboratory equipped to simulate real operating conditions, ensuring reliable performance validation

QUALITY ASSURANCE & CERTIFICATION

- Full product traceability—from steel rod to finished rope
- Process and type certifications verified by independent third parties

CUSTOMER SUPPORT & SERVICE

- Extensive stock availability in key demand regions
- Distribution network enabling prompt delivery and customized packaging
- Expert engineers and technicians providing performance-driven recommendations
- Continuous customer training on best practices for installation, inspection, and discard criteria



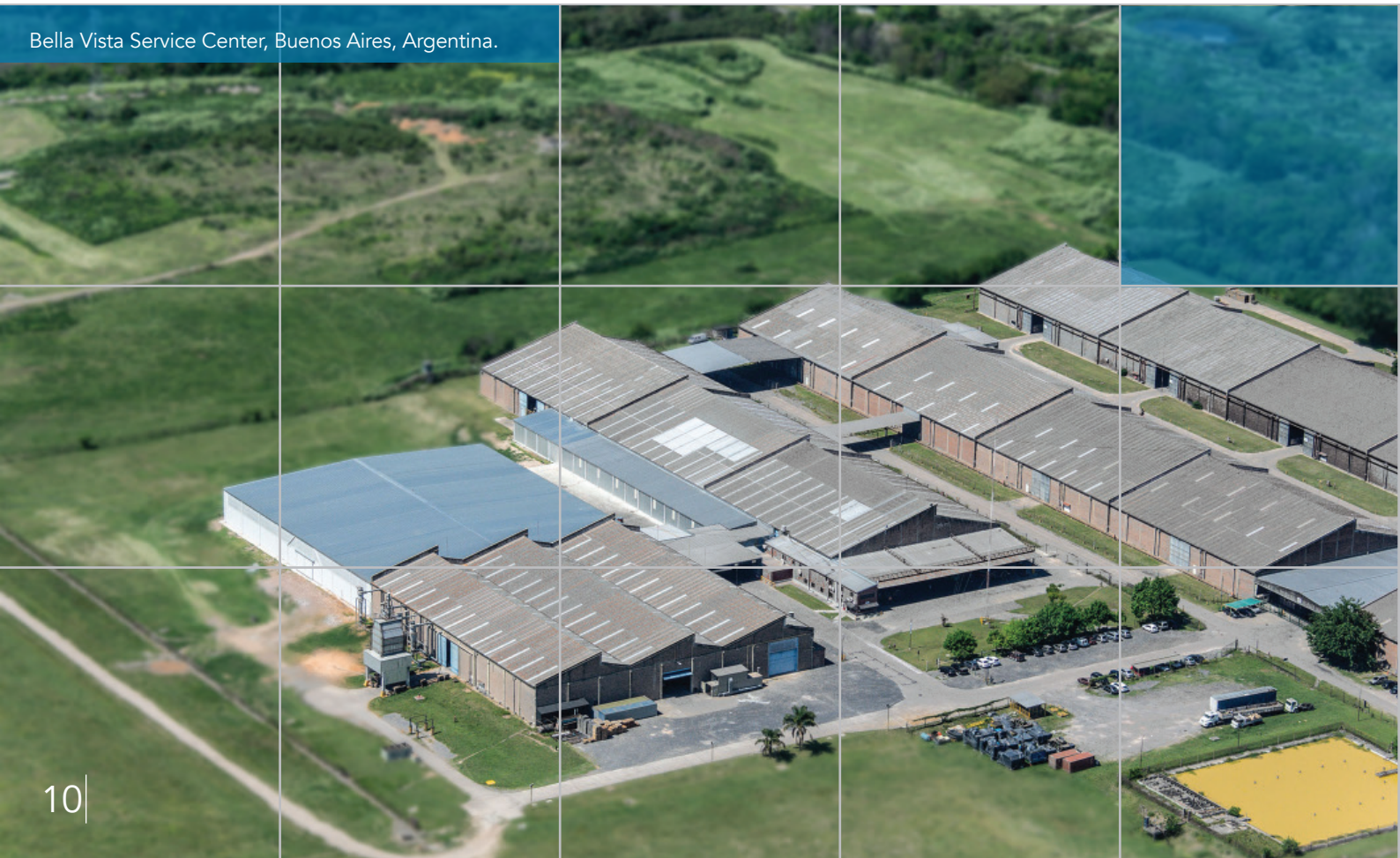
THE MOST MODERN INDUSTRIAL AND LOGISTICS COMPLEX IN LATIN AMERICA

Founded in 1949 in Buenos Aires, Argentina, IPH has become one of Latin America's leading producers of steel wire ropes. Through constant innovation and investment in state-of-the-art technology, IPH has earned a reputation for excellence in the most demanding global markets. Located in San Miguel, Buenos Aires, our 45,000 m² facility—capable of producing up to 1,500 tons per month—combines advanced technology, skilled personnel, and a quality management system certified under the highest international standards.

Our vertically integrated production includes every component of a wire rope: steel wires, fiber and steel cores, wooden and steel reels, and customized packaging—ensuring optimization, flexibility, sustainability, and consistent quality in every product.

With modern service and sales centers in Buenos Aires and São Paulo, IPH maintains ample finished-goods inventory, sling fabrication, reel re-spooling, final conditioning, and laboratory testing—offering the most complete lifting and load-handling solutions in the market.

Together, the manufacturing plant and service centers form the most advanced industrial and logistics network in Latin America.



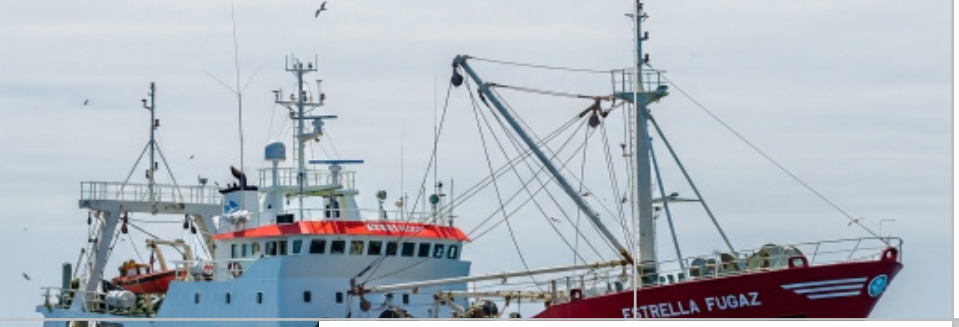
Bella Vista Service Center, Buenos Aires, Argentina.

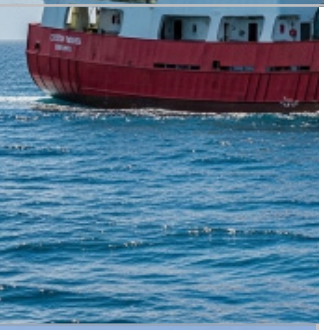
San Miguel Plant, Buenos Aires, Argentina.

IPH. EVOLUTION AS AN ATTITUDE

IPH®

Itapevi Service Center, São Paulo, Brazil





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