



HYDROCONNECT

# The economical fish pass HYDROCONNECT FISH ASCENT SCREW

Injury-free fish pass for fish and  
microorganisms in flowing water



# The economical alternative

In contrast to conventional “fish ladders” or fish passes, the Hydroconnect fish ascent screw is considerably more environmentally friendly, space-saving and economical.

## Animal & environmentally friendly

- + Creation of fish passage from downstream water to the upstream water
- + 100% freedom from injury for fish and all water life (macro-zoobenthos compatible)\*
- + Space-saving and resource-saving system (also for narrow gorges)
- + Patented luring and guiding current (only manufacturer!) That is the only way to ensure the fish enter and hence the function.

## Economical construction

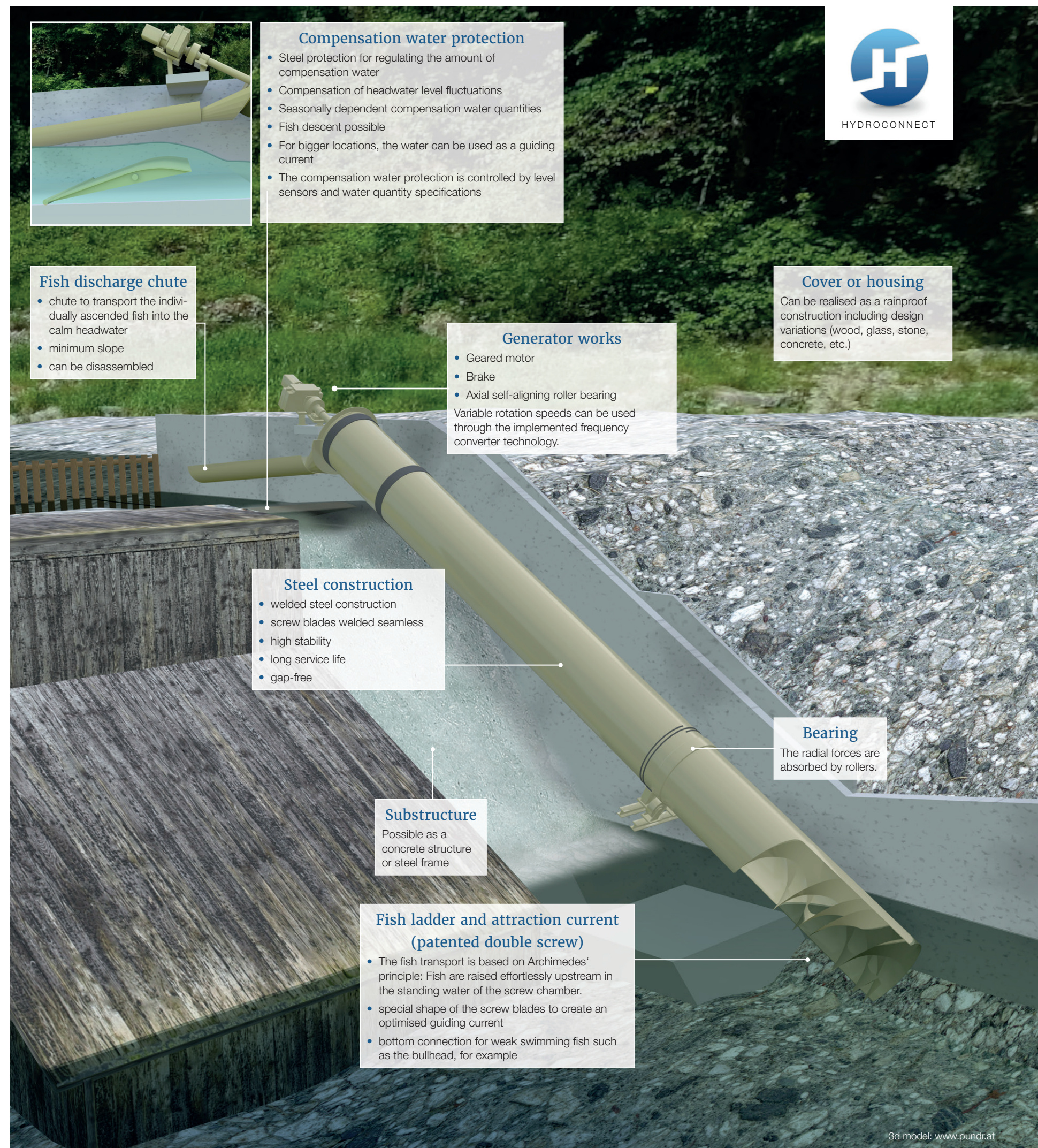
- + NO water loss – Savings of the official fish ladder compensation water
- + Simple, robust construction
- + Fast, cost-effective installation
- + Patented roller bearing makes greater heads possible as well

## Can be used universally

- + Low maintenance
- + Suitable for fluctuating water levels
- + No debris jamming possible
- + Low maintenance after flooding

Details & product data can be found at [www.hydroconnect.at](http://www.hydroconnect.at)

\* Extensive studies and information on the fish through passage and freedom from injury can be found on our website at [www.hydroconnect.at](http://www.hydroconnect.at)



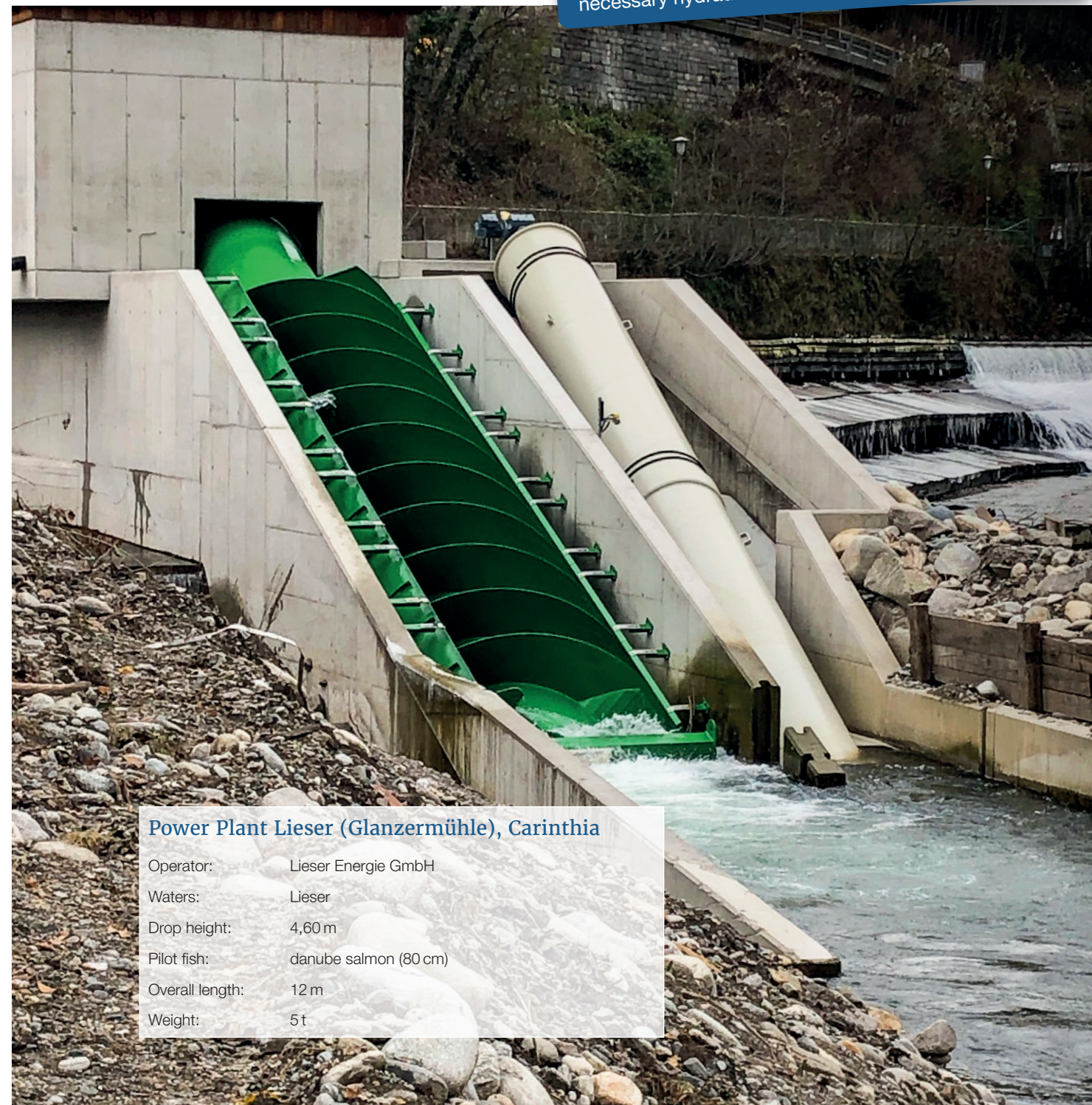
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Economical, universal, eco-friendly

# The fish pass in action

As you can see in our references, we would also be happy to provide you with all types of screws or the necessary hydraulic steelwork according to DIN 19704.



## Power Plant Lieser (Glanzermühle), Carinthia

Operator:	Lieser Energie GmbH
Waters:	Lieser
Drop height:	4,60 m
Pilot fish:	danube salmon (80 cm)
Overall length:	12 m
Weight:	5 t



## Power Plant Schütt, Carinthia

Operator:	KELAG-Kärntner Elektrizitäts-Aktiengesellschaft
Waters:	Gail
Drop height:	6,5 m
Pilot fish:	danube salmon (100 cm)
Overall length:	16,2 m
Weight:	8 t





**Power Plant Hettegger, Salzburg**

Operator:	Energiebetrieb Hettegger GmbH
Waters:	Großarler Ache
Drop height:	2,7 m
Pilot fish:	trout, grayling (up to 80 cm)
Overall length:	8,5 m
Weight:	4 t



**Power Plant Berndorf, Styria**

Operator:	Norske Skog GmbH
Waters:	Mürz
Drop height:	6,6 m
Pilot fish:	danube salmon (100 cm)
Overall length:	16 m
Weight:	8 t

Zusätzlich wird der Einstiegsbereich der Fischeaufstiegsschnecke im Unterwasser mit bis zu 300l/s als Lockströmung dotiert.



**Power Plant Annahütte SAH2, Germany**

Operator:	Stahlwerk Annahütte Max Aicher GmbH & Co. KG
Waters:	Hammerauer Mühlbach
Drop height:	7,17 m
Pilot fish:	danube salmon (100 cm)
Overall length:	17,5 m
Weight:	8 t



**Power Plant Brandstatt, Lower Austria**

Planned for 11/2021

Operator:	EVN naturkraft Erzeugungsgesellschaft m.b.H.
Waters:	Erlauf
Drop height:	5,60 m
Pilot fish:	danube salmon (80 cm)



3d model





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