

HAPRO TECHNIK

plus

- Increase service life
- Save energy
- Protect resources

We make your system efficient.

Recycling System HTRS



*Protect resources
with the Recycling System!*

ACHIEVE EFFICIENCY AND SUSTAINABILITY WITH HAPRO TECHNIK PLUS.

We make your system efficient.

Hapro Technik Plus products prepare high quality cutting water thereby reducing water disturbances considerably.

Resource-efficient cutting water processing without chemicals.

Generally speaking, water jet cutting is an environmentally friendly technology. However, given that a single cutting head uses on average 400,000 litres per year, large amounts of drinking water are needed. Once used, the water drains into the sewer which leads to considerable expenses. In many cases, these expenses involve disposal costs to remove traces of problematic materials left in the water after cutting.

At Hapro Technik it is important for us to keep the ecological footprint as small as possible. In the HTRS system (Hapro Technik Recycling System), the cutting water is processed without any chemical additives and fed via an intermediate container back to the high-pressure pump. This saves water, makes it easier to obtain an operating permit, protects the environment, and is less costly. The maintenance costs and energy consumption are low.



clean
circulation water



Contaminated cutting water



Water after being cleaned in the recycling plant.

The advantages:

- Self-sufficient and independent of manufacturers
- Easily integrated into existing system
- Extremely low maintenance
- No wastewater in the sewer
- Independent of regulatory requirements
- Can be used everywhere (sewage treatment plants, industrial wastewater treatment, etc.)

Operating display

Control system

Filter unit

Solid structure

Impressively easy to work:

The surplus water from the water jet cutting plant flows into the settling basin. Once the floating particles have settled here, the wastewater is coarsely filtered before it goes into the Recycling System.

The water is purified using an innovative filtration technology at 2 bar pressure, then pumped into the buffer tank before moving into the high-pressure pump. Finally, it is reused in the water jet cutting system. The automatic cleaning cycle of the filters eliminates the need to change the filter.

The independent operation of the HTRS Recycling System allows for an uncomplicated integration into existing water jet cutting plants since no intervention in its control mechanism is required. Usage in sewage treatment plants, grinding machines, industrial water treatment plants, and so on is also possible.

HTRS reduces the amount of fresh water needed as well as sewer costs and makes it easier to obtain an operating permit and operate water jet cutting machines even where little water is available.

The circulation process of the low maintenance Recycling System allows for efficient use of the entire water jet cutting plant with an efficiency level of 95%.

Measurements:

L: 1,786 mm, W: 850 mm, H: 2,980 mm
+ Tank: L: 1,131 mm, W: 1,210 mm
Empty weight: 850 kg

Request our analysis case!

You can easily
test the water
quality yourself
with the water
analysis



Easy online ordering in our online shop!



Whether in analogue or digital form

Hapro Technik is your knowledgeable contact for water jet cutting!

Fast and easy

Equipment, high-pressure technology components, Hapro Technik Plus products, service.

In Hapro Technik's new online shop

www.haprotechnik.com

we offer an expedited order process.



Maintenance and Service.

We offer reliable service with sound and knowledgeable advice, professional maintenance, and high-quality parts.

24/7 EMERGENCY SERVICE



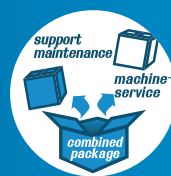
We respond promptly and reliably to your phone call, e-mail, or service request.

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Mon. – Thurs. 7:30 a.m. – 5.00 p.m.
Fri. 7.30 a.m. – 2.00 p.m.
Professional maintenance and repairs, knowledgeable technicians, and high-quality parts

MAINTENANCE PACKAGES



Support maintenance, machine service, maintenance packages can be selected in modules and tailored to your requirements

HAPRO TECHNIK

We keep your system flowing.

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