



**HYDROG ROAD MACHINES**  
BUILD BETTER ROADS WITH US



# HYDROG

## Your Partner in Building Better Roads



**HYDROG**, the largest manufacturer of specialized road construction machinery in Poland and one of the largest in Europe, offers innovative solutions that support your growth and efficiency. By integrating the latest technologies, we provide you with reliable and high-performance machines capable of meeting even the most demanding construction challenges.

With a wide range of machine models to choose from, you can tailor the equipment to perfectly fit your needs. Each product is designed to enhance work efficiency, reduce operational costs, and ensure unmatched durability. This allows you to complete your projects faster, more precisely, and more cost-effectively.

We are an innovative manufacturer with top-tier industry experts and state-of-the-art production infrastructure. These resources enable us to take full responsibility for product quality and provide exceptional after-sales service, ensuring that your investment in HYDROG equipment delivers high profitability.

**HYDROG** machines are used worldwide, serving both small construction companies and the largest multinational corporations. By choosing to work with us, you gain access to advanced technology that gives you a competitive edge in the global market.

Investing in modern solutions means choosing innovation, reliability, and a forward-thinking approach to infrastructure development. With our machines, you can execute even the most ambitious projects, laying the foundation for a better future.

We support you at every stage – from selecting the right machines to their implementation in your projects, and ensuring long-term operational efficiency. This technological advantage translates directly into success in infrastructure development.



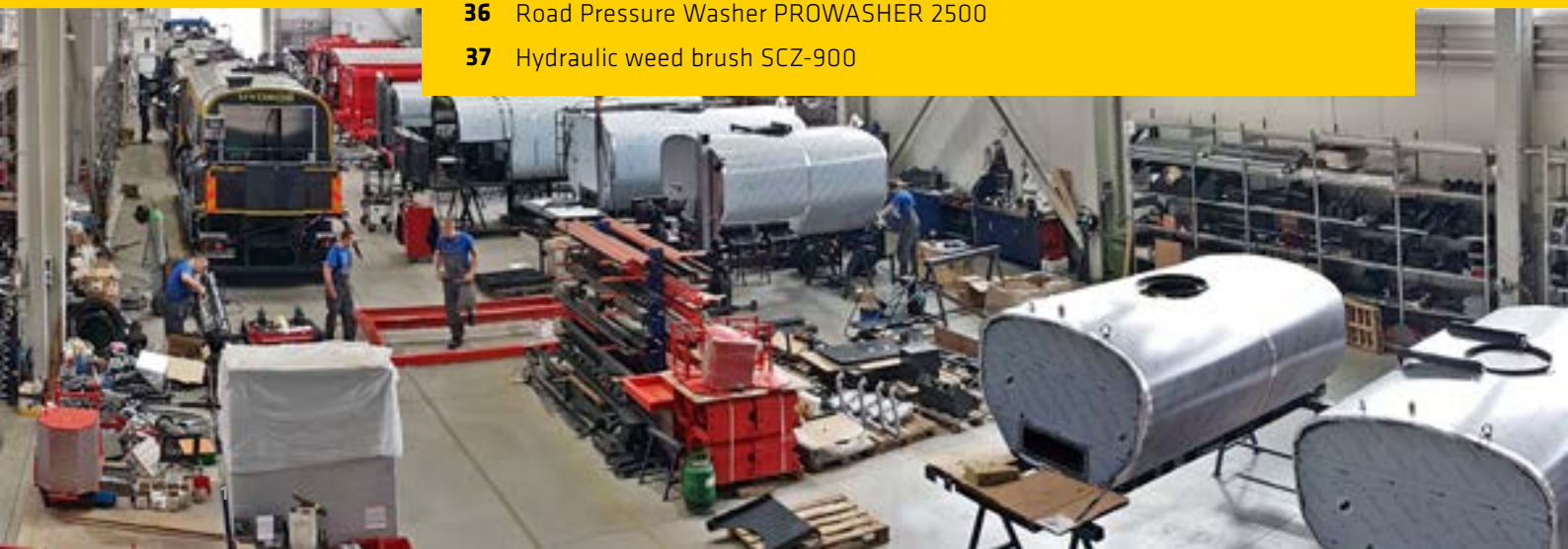
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# HYDROG DG-3000 PREMIUM



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Adjustable paving width	10 cm ÷ 300 cm (depending on equipment version)
Paved layer height	30 cm from road level (custom options available)
Layer slope adjustment	+ / - 15 %
Paving speed	up to 50 m/min
Control	from the operator's platform on the machine and from the carrier's cabin
Power source	own diesel engine or hydraulic drive from the carrier
Optional equipment	<ul style="list-style-type: none"> <li>▶ Disc brush</li> <li>▶ Screed vibrator</li> <li>▶ Extensions of working blade</li> <li>▶ CCTV screed monitoring</li> <li>▶ Operator's cabin</li> <li>▶ Additional side conveyor 2 m (longer versions also available)</li> </ul>





The **HYDROG DG-3000** Premium road widener is a high-performance solution designed for precise and durable road shoulder and widening projects. With the ability to work with both road aggregates and hot asphalt mix, this machine is ideal for various road construction applications, ensuring efficiency and accuracy.

The **HYDROG DG-3000 PREMIUM** is not just an advanced technological solution; it is a product from a globally recognized industry leader. With years of experience, Hydrog sets new standards in road widener manufacturing, with its machines being used on construction sites worldwide. Choosing the **DG-3000 PREMIUM** means investing in proven quality, efficiency, and versatility.

The machine is available in two versions, allowing perfect integration with your fleet:

- ▼ Attachment version – compatible with wheel loaders, tractors, Unimogs, and other carriers, offering maximum operational flexibility.
- ▼ Tow-behind version – pulled by a dump truck, eliminating the need for a separate carrier and simplifying operations.

Extended Functionality with  
Optional Side Conveyor

An optional 2-meter side conveyor expands the machine's versatility, allowing it to function as a hot asphalt mix feeder. This feature enables material transfer from the road to the side, making it an ideal solution for paving bike paths and similar applications.

**PROVEN QUALITY FROM A  
MARKET LEADER**





ROAD SHOULDERS CUTTER

# HYDROG SP-1200



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Cutting tool	Helical milling drum and disc edge cutter
Adjustable cutting width	0.8 – 1.4 m
Adjustable cutting depth	1 – 16 cm
Adjustable slope angle	0 – 20%
Operating speed	0.2 – 1 km/h
Material transportation	Forward conveyor discharge
Conveyor length	6 m
Power source	Tractor PTO drive and tractor hydraulic system
Optional equipment	<ul style="list-style-type: none"><li>▶ Rear cylindrical brush</li><li>▶ CCTV monitoring of the cutting zone</li></ul>





The **HYDROG SP-1200** Road Shoulders Cutter enables precise cutting and profiling of road shoulders, ensuring proper water drainage from the surface. This prevents water from freezing in winter, protecting the road from damage and significantly extending its durability—leading to real savings on repairs and maintenance costs. Additionally, by removing excess material from elevated shoulders, road safety is improved as the road becomes wider, providing greater driving comfort and confidence.

Equipped with a helical milling drum, the **HYDROG SP-1200** effectively tackles challenging, high road shoulders composed of heterogeneous materials. The removed material is immediately transported via a conveyor to a receiving vehicle, speeding up operations and minimizing downtime.

The machine is compatible with agricultural tractors with a minimum power of 110 HP and creeper gears, allowing for efficient use of existing equipment.

Investing in the **HYDROG SP-1200** Road Shoulders Cutter means investing in better and safer roads.





## BITUMEN EMULSION SPRAYERS

# HYDROG SH PREMIUM



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Available emulsion tank capacities	4,000 – 6,000 – 8,000 – 10,000 – 12,000 liters
Condensing system	Hydraulically extendable spray bar up to 4.85 m, with a startup liquid heating system
Spraying output	0.1 ÷ 2.55 kg/m <sup>2</sup>
Dosing	Automatic dosing system synchronized with driving speed
Power source	Own Perkins diesel engine or PTO from chassis power take-off
Control system	Touchscreen control panel in the vehicle cab
Emulsion heating	Automatic oil burner, with external AC 220V 50Hz power supply option
Emulsion circulation and spray bar cleaning	Automatic system with full emulsion recovery into the tank
Lance	Manual spraying lance with a 6 m hose
Optional equipment	<ul style="list-style-type: none"> <li>▶ CCTV monitoring of the ramp</li> <li>▶ Front sweeper</li> <li>▶ High-pressure road surface washer</li> <li>▶ Technical water tank</li> <li>▶ Mobile diesel fuel dispenser</li> <li>▶ Lime milk sprayer</li> </ul>





The **HYDROG SH PREMIUM** bitumen emulsion sprayers are the top-tier models of the brand, combining advanced industrial automation with exceptional spraying precision. A super-accurate bitumen emulsion spray system and the ability to generate reports for individual spray operations and periodic summaries provide full quality control and project documentation.

Equipped with a hydraulically extendable spray bar featuring quadruple overlap nozzles, these sprayers ensure perfect surface coverage and an ideal bonding layer between road structure layers. Their compact emulsion tank design and tight turning radius make them highly maneuverable, performing exceptionally well even on narrow roads and in confined spaces. This compactness translates into operational convenience in all conditions.

Optional modules, such as a **lime milk sprayer, technical water tank, mobile diesel distributor, front-mounted hydraulic sweeper, or high-pressure road surface washer**, enhance the versatility of the sprayers, making them a multifunctional tool for various construction site and access road tasks.

The **HYDROG SH PREMIUM** bitumen emulsion sprayers stand for reliability and efficiency, ensuring the highest standards in roadwork operations. Choose quality that works in your favor.





BITUMEN EMULSION SPRAYERS

# HYDROG SR KOMPAKT



Available emulsion tank capacities	2,000 – 4,000 – 6,000 – 8,000 liters
Condensing system	Manually foldable spray bar up to 4.5 m (2.5 m base bar + two 1 m extensions)
Spraying output	0.1 ÷ 1.7 kg/m <sup>2</sup>
Control system	Control panel inside the driver's cabin
Heating system	Automatic oil burner with external AC 220V 50Hz power supply option
Engine	Yanmar diesel
Standard equipment	<ul style="list-style-type: none"><li>Automatic emulsion dosing system</li><li>Air compressor</li><li>Manual spraying lance</li></ul>
Optional equipment	<ul style="list-style-type: none"><li>CCTV monitoring of the ramp</li><li>Front sweeper</li><li>High-pressure road surface washer</li><li>Technical water tank</li><li>Mobile diesel fuel dispenser</li><li>Lime milk sprayer</li></ul>
Mounting options	<ul style="list-style-type: none"><li>Fixed installation on chassis frame</li><li>Tipper truck installation</li><li>Hook-lift frame installation</li><li>Trailer-mounted configuration</li></ul>





Sometimes, simple solutions are the best. The **HYDROG SR KOMPAKT** bitumen emulsion sprayers are designed for users seeking the perfect balance between spraying precision and affordability. A simplified construction with a manually foldable spray bar and double-overlap nozzle system ensures high-quality spraying results while reducing both purchase and operating costs.

Equipped with an automatic dosing system, these machines guarantee even surface coverage, regardless of vehicle speed. This level of precision enhances road durability and optimizes material consumption. Additionally, the built-in report printer allows for accurate documentation of completed work, a valuable feature for both contractors and investors.

The **HYDROG SR KOMPAKT** sprayers can be upgraded with modular add-ons to increase their versatility, including a lime milk sprayer, technical water tank, mobile diesel distributor, and front-mounted hydraulic sweeper. These options allow the machine to be adapted for various road construction tasks, enhancing efficiency and broadening project capabilities.

The **HYDROG SR KOMPAKT** is a smart, economical solution that offers precision and functionality at an affordable price. Choose proven quality and reliability for your daily road maintenance operations.





## ASPHALT SPRAYER

# HYDROG SA-3000



<b>Asphalt Tank</b>	Capacity of 3,000 liters, equipped with an oil-jacket heating system and mineral wool insulation
<b>Operating Temperature of Asphalt</b>	Adjustable, up to 220 °C
<b>Heating Burner Type</b>	Oil burner, automatically controlled with a thermal oil and asphalt temperature controller
<b>Asphalt Mixing</b>	Hydraulically driven vertical agitator
<b>Asphalt Filling</b>	Via top hatch using an external pump or via side connection using the machine's own pump (suction function)
<b>Diesel Engine</b>	Perkins diesel engine
<b>Asphalt Pump</b>	Jacket-heated for optimal performance
<b>Main Working Component – Side Spraying Ramp</b>	<ul style="list-style-type: none"> <li>Positioned in front of the vehicle's axle</li> <li>Hydraulically extendable and tiltable</li> <li>Equipped with 3 independently controlled nozzles</li> <li>With electrically heated hoses for asphalt supply</li> </ul>
<b>Adjustability of Side Ramp Position</b>	Extension, height, and tilt regulated hydraulically
<b>Optional Equipment</b>	<ul style="list-style-type: none"> <li>Hand-held lance with electric heating</li> <li>CCTV monitoring system</li> </ul>





The **HYDROG SA-3000** is a professional asphalt sprayer – sealer that ensures the durability and tightness of road surfaces. Its primary function is to spray hot asphalt on the road edges, effectively sealing the porous structure of the asphalt-concrete pavement edge. This process prevents water penetration and premature road deterioration.

Equipped with a hydraulically extendable spraying ramp mounted on the side of the vehicle, the machine features three independently controlled nozzles. This ensures precise and even asphalt application, minimizing material waste and enhancing the overall quality of road construction.,

The **HYDROG SA-3000** is also ideal for additional applications, such as sealing and filling joints between freshly laid asphalt lanes and repairing cracks in road surfaces.

Its asphalt tank is fitted with an oil jacket and an agitator, maintaining the proper temperature and ensuring a uniform asphalt consistency. The hydraulically driven asphalt pump with an oil jacket enables smooth and reliable operation. The automatic heating system, powered by an oil burner, enhances both convenience and safety during use.

Operating the **HYDROG SA-3000** sprayer is simple and intuitive. The operator controls the machine's functions directly from the vehicle's cabin, improving comfort and efficiency. Optionally, the unit can be equipped with a hand-held lance featuring an electrically heated hose, allowing for precise sealing of hard-to-reach areas.





CRACK AND EDGE SEALER

# HYDROG ZSK-500



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Sealing Compound Tank	500 liters, equipped with a thermal oil jacket
Heating System	Oil burner with thermostat, with the option of external power supply AC 230 V 50 Hz
Maximum Sealing Compound Temperature	240 °C
Mixing System	Vertical agitator with hydraulic drive
Material Delivery	Pump with jacket heating
Sealing Application	Hand-held electrically heated lance
Diesel Engine	Yanmar diesel engine, liquid-cooled, 25 HP
Compressed Air Source	Built-in compressor with a disengageable drive
Dimensions (L x W x H) [mm]	2,608 x 1,450 x 1,750
Dry Weight (without chassis)	1,600 kg
Optional Equipment	<ul style="list-style-type: none"><li>Trailer chassis</li><li>Trailer drive system</li><li>Additional hot air lance for cleaning and preheating cracks and joints</li></ul>





## SEAL THE CRACK AND PREVENT WATER FROM DAMAGING THE ROAD SURFACE

The **HYDROG ZSK-500** sealer is a reliable solution for professional road surface sealing. It effectively repairs cracks in pavement, joins asphalt lanes, seals road edges against water penetration, and fills expansion joints in concrete. It is also ideal for securing embedded road elements, such as inductive loops, drainage manholes, and tram tracks.

The advanced thermal oil heating system ensures even melting of the sealing compound without the risk of overheating or burning. The automatic heating of the lance and hose guarantees constant work readiness, while the built-in pump allows for precise material dosing.

With smooth flow control and ergonomic operation, the work is fast, convenient, and safe.





# HYDROG ZSK-40

The **HYDROG ZSK-40** is a mobile and easy-to-use crack and edge sealer, ideal for quick and effective road surface repairs. Thanks to its compact size and simple design, it can be operated by a single operator, minimizing labor costs and increasing operational efficiency.

The **HYDROG ZSK-40** is perfect for repairing cracks on roads, airports, bridges, and overpasses. It prevents water penetration into the pavement, extending its durability and reducing the need for expensive repairs. This makes it an ideal solution for road maintenance companies looking for an efficient and cost-effective way to keep surfaces in excellent condition.

The advanced heating system ensures even melting of the sealing compound to the working temperature without the risk of overheating. A precise, manually controlled nozzle allows for accurate application exactly where needed—into cracks, expansion joints, or along pavement edges. The adjustable temperature up to 240 °C ensures optimal viscosity of the sealing compound for effective sealing.

## Sealing Compound Tank Capacity

40 L (approx. 45 kg)

## Mixing System

Manual agitator

## Burners

Main burner under the tank and auxiliary handheld burner

## Heating Method

Indirect

## Burner Fuel

Propane-butane

## Dimensions (L x W x H) [mm]

1,260 x 550 x 1,020

## Sealer Weight

99 kg

## Standard Equipment

- ▶ Explosion-proof safety fuse
- ▶ Sealing compound temperature gauge
- ▶ 11 kg gas cylinder
- ▶ Nozzle tip for edge sealing
- ▶ Nozzle tip for joint sealing





## CRACK AND EXPANSION JOINT MILLING MACHINE

## HYDROC MS-60



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A compact and mobile machine operated by a single operator, ensuring quick and precise preparation of cracks for repair. Depending on the milling cutter used, it can create perfectly straight expansion joint cuts or widen irregular, curvilinear cracks, improving sealant adhesion and enhancing the durability of repairs.

## Why Choose It?

- Perfect Repair Quality**
  - Precise milling ensures better adhesion of the sealing compound and extends the service life of the pavement.
- Versatile Applications**
  - Enables straight-line milling (carbide cutters) and irregular crack widening (diamond blades).

**Time and Cost Savings**

- One machine, one operator, maximum efficiency and speed of operation.

Choose a modern solution and enhance the effectiveness of road repairs!



Up to 40 mm x 35 mm	<b>Maximum Milling Width x Depth (Carbide Cutters)</b>
120 mm (6 pcs.)	<b>Carbide Cutter Diameter</b>
Up to 38 mm x 56 mm	<b>Maximum Milling Width x Depth (Diamond Blades)</b>
400 mm (up to 5 pcs.)	<b>Diamond Blade Diameter</b>
Honda GX800 petrol engine with disengageable clutch	<b>Drive</b>
Smooth electric control with depth indicator	<b>Raising/Lowering of Milling Tool</b>
1,780 x 890 x 1,060	<b>Dimensions (L x W x H) [mm]</b>
220 kg	<b>Weight</b>



# HYDROG KA-4400



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<b>Asphalt Tank</b>	4.4 m³, insulated with mineral wool
<b>Loading Opening</b>	1,100 x 800 mm, top of the tank
<b>Agitator</b>	6-arm design with adjustable speed
<b>Agitator Drive</b>	Chain drive + high-performance hydraulic system with reverse function
<b>Asphalt Heating</b>	Automatic oil burner (diesel and heating oil) with thermostat control
<b>Diesel Engine</b>	Perkins diesel engine (power and emission standard depend on market)
<b>Asphalt Discharge</b>	<ul style="list-style-type: none"> <li>▶ Rear hydraulic opening</li> <li>▶ Optional rotating dosing chute</li> <li>▶ Optional side discharge</li> </ul>
<b>Dimensions (L x W x H) [mm]</b>	4,500 x 2,500 x 2,100
<b>Boiler Weight (without frame)</b>	4,650 kg





The **HYDROG KA-4400** boilers are modern and efficient devices that ensure precise preparation and transport of mastic asphalt without losing its properties. Ideal for construction and renovation of bridges, viaducts, parking lots, tram tracks, and bicycle paths. They save time, material, and labor costs.

Your Benefits:

- ▼ **Safe and efficient transport**
  - Mastic asphalt is delivered from the plant to the construction site without structural changes and at the perfect temperature.
- ▼ **Precise dosing**
  - Controlled unloading in front of the asphalt paver, leveling blade, or directly into surface defects.
- ▼ **Operational flexibility**
  - Ability to use ready-made asphalt mixtures or produce mastic asphalt on-site according to the required formula.

The **HYDROG KA-4400** boilers provide reliability, efficiency, and quality you can trust. Choose modern technology and increase the effectiveness of your roadwork!





# HYDROG RAL-5500 / RAL-7500



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	HYDROG RAL-5500	HYDROG RAL-7500
Laying Width	max. 5.5 m	max. 7.5 m
Module Configurations	Main module 1,470 mm + 4 modules of 1,018 mm each	Main module 1,470 mm + 6 modules of 1,018 mm each
Engine	Perkins diesel (power and emission standard depend on the market)	
Laying Height	from -300 mm to +200 mm from wheel level	
Asphalt-Spreading Augers	Optional	
Drive System	Independent hydraulic drive for the right and left sides	
Working Speed	Continuously adjustable from 0.15 to 5.0 m/min	
Working Wheels	Located inside the side driving elements, width 130 mm, fully rubberized	
Screed Heating	Continuous burner along the entire screed length	
Side Module Heating	Spot burners	
Burner Fuel	Propane-butane gas, standard equipment includes 2 x 11 kg cylinders (optional 2 x 33 kg cylinders)	



The **HYDROG RAL-5500** and **RAL-7500** pavers are modern machines designed for fast and uniform laying of mastic asphalt. By utilizing a heated screed-blade and asphalt-spreading augers, these machines ensure precise distribution and leveling of asphalt, eliminating the need for additional finishing work.

These pavers are ideal for bridge decks, viaducts, bike paths, park walkways, multi-level parking lots, and tram or railway tracks. Their precision in material distribution enhances work efficiency, reduces labor costs compared to manual work, and ensures a durable and aesthetically pleasing surface.

The **HYDROG RAL-5500** and **RAL-7500** guarantee quality, cost-effectiveness, and reliability in every project.





**BLOW PATCHER**

# HYDROG PA-5000 / PA-6000



	HYDROG PA-5000	HYDROG PA-6000
Feeder Capacity	5 m <sup>3</sup>	6 m <sup>3</sup>
Number of Aggregate Hopper Compartments	1 or 2 (depending on the customer's choice)	
Feeder Drive	Hydraulic with smooth output regulation	
Emulsion Tank	1,500 liters, insulated with mineral wool	
Emulsion Pump Drive	Hydraulic with smooth output regulation	
Emulsion Heating	Automatic oil burner, option to connect to external AC 230 V 50 Hz power supply	
Boom with Working Head	Length 4.3 m (other lengths available), quipped with a control panel	
Boom Position	At the rear or front of the vehicle	
Diesel Engine	Perkins diesel engine (power and emission standard depend on the market)	
Blower Capacity	10 m <sup>3</sup> /min	
Control System	Control panel at the operator's workstation near the working head	
Optional Equipment	<ul style="list-style-type: none"> <li>▶ LED arrow board at the rear of the blow patcher</li> <li>▶ Additional hand lance for bitumen emulsion spraying</li> </ul>	





The Hydrog PA-5000 / PA-6000 blow patcher is a modern solution for effective and cost-efficient asphalt pavement repairs. Using spray-injection technology, it fills and seals potholes with mineral aggregate coated in bitumen emulsion, ensuring durability and resistance of the repaired surface.

The HYDROG PA-5000 / PA-6000 is a modern technology that enables fast and durable road repairs at minimal cost and maximum efficiency. Invest in a solution that speeds up work and extends road life!

The entire process consists of a few simple steps:

- ▼ Cleaning the pothole with compressed air
- ▼ Spraying bitumen emulsion
- ▼ Filling with aggregate coated in bitumen emulsion
- ▼ Final sealing with a layer of dry aggregate

Why Choose It?

- ▼ **Speed and efficiency**
  - Quick repairs without the need for long-term lane closures.
- ▼ **Durability and resistance**
  - Strong sealing prevents further surface damage.
- ▼ **Cost savings**
  - Minimal material consumption, no need for milling potholes.
- ▼ **Eco-friendly and efficient solution**
  - Reduced raw material consumption and waste production.





## ASPHALT AUGER THERMOBOX

# HYDROG TR-H



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	HYDROG TR-4H	HYDROG TR-6H
Asphalt Concrete Tank Capacity	4.5 m <sup>3</sup>	6 m <sup>3</sup>
Dimensions (L x W x H) [mm]	4,135 x 2,200 x 1,954	4,760 x 2,200 x 2,300
Empty Weight	2,700 ÷ 3,000 kg (depending on configuration)	3,200 ÷ 3,600 kg (depending on configuration)
Auger Feeder Drive	Hydraulic, reversible (left/right)	
Top Loading Hatch	Hydraulically operated, dimensions 1,680 mm x 1,900 mm	
Heating System	Automatic oil burner with thermostat, option for external AC 230 V 50 Hz power supply	
Engine	<ul style="list-style-type: none"> <li>▶ Diesel Perkins</li> <li>▶ Gasoline Briggs &amp; Stratton</li> </ul>	
Hydraulic Output for External Tools	Yes – 20 l/min flow, 140 bar pressure	
Optional Equipment	<ul style="list-style-type: none"> <li>▶ Bitumen emulsion sprayer</li> <li>▶ Compressor</li> <li>▶ Chassis for trailer mounting</li> </ul>	
Possible Tool Applications	<ul style="list-style-type: none"> <li>▶ Demolition hammer</li> <li>▶ Asphalt Disc cutter</li> <li>▶ Diamond core drill</li> <li>▶ Water pump</li> <li>▶ Other tools</li> </ul>	



The **HYDROG TR-H** Asphalt Thermobox is a specialized device designed for transporting, heating, and dispensing hot asphalt concrete and bitumen emulsion, ensuring fast and durable road surface repairs. With its integrated functions, it allows for a complete repair process in a single operation, eliminating the need for additional machines.

With the **HYDROG TR-H**, pavement repairs become more precise, durable, and cost-effective, making it an ideal choice for road maintenance companies and infrastructure managers.

Key Benefits:

- ▶ Precise dosing**
  - The auger feeder and swiveling directional chute ensure accurate application of the mix into the pothole, eliminating material waste.
- ▶ Enhanced repair durability**
  - Even heating of asphalt concrete and bitumen emulsion spraying create a strong bond between layers, extending the lifespan of the pavement.
- ▶ Time and cost savings**
  - A single machine replaces multiple work stages, reducing the number of required workers and repair time.
- ▶ Mobility and independence**
  - The built-in hydraulic power unit powers a saw and hammer for pothole preparation, eliminating the need for external energy sources.
- ▶ Ease of operation**
  - The intuitive control system and hydraulic drives ensure comfortable and safe operation.





GRAVITY ASPHALT THERMOBOX

# HYDROG TR-G



<b>Capacity</b>	2.0 / 4.5 / 7.0 m <sup>3</sup> (depending on the model)
<b>Filling Method</b>	Through top opening with a hydraulically operated cover
<b>Discharge Method</b>	Through rear discharge outlet with dosing chute
<b>Rear Cover Opening</b>	Hydraulic
<b>Lifting Mechanism</b>	Tipper truck or hooklift system
<b>Heating System</b>	Propane-butane gas burner with replaceable cylinders (optional oil burner)
<b>Chassis Compatibility</b>	Tipper truck or hooklift vehicle





The **HYDROG TR-G** Gravity Asphalt Thermobox is a reliable device for transporting and dispensing hot asphalt concrete, significantly simplifying road surface repairs. Thanks to its modern design and efficient heating system, it maintains the asphalt mix temperature for extended periods, ensuring higher quality and durability of repairs.

With the **HYDROG TR-G** Gravity Asphalt Thermobox, road repairs are faster, more efficient, and cost-effective, making it an ideal choice for road maintenance companies and infrastructure managers.

Vorteile für den Anwender:

- Maximum efficiency**
  - A large loading opening enables quick filling of the thermobox and compatibility with most asphalt mixing plants.
- Excellent thermal insulation**
  - The tank is insulated with mineral wool, and top covers help maintain high asphalt temperature during transport for many hours.
- Precise dosing** – Gravity discharge through the rear outlet with a hydraulic cover ensures controlled application without material waste.
- Consistent working temperature**
  - A gas burner with a 33 kg cylinder (optional oil burner) effectively heats the asphalt mix, guaranteeing optimal plasticity during application.
- Durability and resistance**
  - The aluminum tank casing increases corrosion and damage resistance, ensuring long service life.
- Safe operation**
  - A built-in ladder facilitates daily maintenance, and a thermometer allows real-time temperature monitoring of the asphalt mix.





## AGGREGATE SPREADER

# HYDROG RPU-3000 / RPU-3500



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	HYDROG RPU-3000	HYDROG RPU-3500
Aggregate Hopper Capacity	1.7 m³	2.0 m³
Spreading Width	3.0 m	3.5 m
Width Adjustment	In 25 cm increments (12 spreading sections)	In 25 cm increments (14 spreading sections)
Dimensions (L x W x H) [mm]	2,900 x 3,300 x 2,000	2,900 x 3,800 x 2,000
Weight	1,500 kg	1,700 kg
Adjustment Mechanism	Pneumatic cylinders on individual sections	
Cylinder Power Supply	From the pneumatic system of the bitumen sprayer or its chassis	
Control System	Control panel on the spreader or inside the sprayer's cabin	
Aggregate Size	Up to 48 mm	
Feeding Roller Drive	Powered by the spreader's wheels	
Support Wheels	2 double wheels on each side, solid rubber tires	
Optional Equipment	Aggregate distributing auger above the feeding roller	





The **HYDROG RPU-3000 / RPU-3500** chip spreader is a reliable device for surface dressing of roads, which, when combined with a bitumen emulsion sprayer, forms a complete set for durable and cost-effective road repairs. The continuous aggregate feeding from a tipper truck allows for smooth operation without frequent interruptions, significantly increasing efficiency.

Precise spreading width adjustment in 250 mm increments and independent control of spreading sections allow for exact adaptation to road conditions, minimizing material waste. The feeding roller, synchronized with the machine's movement, ensures uniform aggregate distribution, resulting in a consistent surface treatment layer.

Optional equipment, such as an internal aggregate distributing auger, further enhances precision and efficiency. The **HYDROG RPU-3000 / RPU-3500** not only improves the road surface dressing process but also significantly reduces operating costs, ensuring durability and high-quality results.





A large blue and yellow Ammann HYDROG chip spreader is shown in operation on a road. The machine has a large yellow drum and a blue frame. The word "HYDROG" is visible on the side. The background shows a road and some trees.

CHIP SPREADERS

# HYDROG RG

Spreading Width	1,680 / 2,000 / 2,100 mm
Spreader Drive	Hydraulic, powered by the roller
Number of Spreading Sections	4 to 6 sections
Spreading Output	0.5 ÷ 15 kg/m <sup>2</sup>
Output Adjustment	Stepless, via feeder roller speed control
Chipping Hopper Capacity	0.7 / 0.9 / 0.95 m <sup>3</sup>
Lighting	Front and rear road lighting
Spreader Color	Matched to the factory color of the roller
Mounting to Roller	Quick-attach frame system
Optional Equipment	<ul style="list-style-type: none"><li>▶ Chip loosening roller</li><li>▶ Tarpaulin cover</li><li>▶ Vibrator</li></ul>



The **HYDROG RG-1700 / RG-2000 / RG-2100** chip spreaders, designed for mounting on road rollers, are reliable devices that ensure even and controlled spreading of mineral chippings on the final, wear-resistant asphalt layer, such as in SMA (Stone Mastic Asphalt) technology.

Thanks to the roller feeder, the spreading process maintains a consistent output across the full width, ensuring high-quality and aesthetically finished road surfaces. The ability to close selected spreading sections allows for precise adjustment of the spreading width to match current project requirements.

The spreader is controlled directly from the roller's cabin, enhancing operator comfort and material dosing precision. The **HYDROG RG** series is available in versions dedicated to popular roller models (Hamm, Ammann, Dynapac, Bomag, Cat, Volvo), and its installation, including hydraulic connections, does not void the machine's warranty.

Optional equipment, such as a chip loosening roller, vibrator, rain cover, or digital spreading output indicator, further enhances functionality and ease of use.





# HYDROG FA-450



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The **HYDROG FA-450** hydraulic milling machines are versatile devices designed for precise milling of asphalt and concrete surfaces, effectively removing cracks, ruts, bumps, and other surface damage.

Thanks to their ability to be mounted on an excavator or backhoe arm in place of the excavator bucket, these machines enable quick and efficient partial repairs without

requiring heavy self-propelled milling machines, significantly reducing operating costs.

The device can achieve the required milling depth within 1-3 passes, depending on surface type and condition, and its performance can be adjusted according to surface characteristics and milling depth.

The **HYDROG FA-450** is an ideal solution for road and construction companies looking for a reliable, mobile, and cost-effective technology for efficient surface damage removal and substrate preparation for further repair work.

Milling Width	450 mm
Milling Depth	0 ÷ 130 mm
Drive System	Hydraulic
Oil Flow Rate	100 ÷ 150 l/min
Operating Oil Pressure	190 ÷ 220 bar
Maximum Oil Pressure	240 bar
Dimensions (L x W x H) [mm]	980 x 910 x 720
Milling Machine Weight (without adapter)	650 kg
Recommended Carrier Machine Weight	8 ÷ 12 t
Milling Width	450 mm



## ASPHALT AND CONCRETE CUTTERS

## HYDROG SHARKY



The **HYDROG SHARKY** road cutters are professional machines designed for precise cutting of asphalt and concrete, making them ideal for expansion joints, pavement repairs, and other specialized work.

The product range includes three models: Sharky-352, Sharky-400, and Sharky-500, ensuring an optimal choice for different needs.

Equipped with reliable Honda engines, these machines provide high performance and long service life. The water cooling system significantly extends the blade's durability, reducing operating costs.

A dual safety system—a cutting blade guard switch and an emergency STOP button—ensures complete operator protection.

The **HYDROG SHARKY** guarantees precision, comfort, and safety on every construction site!

	SHARKY 352	SHARKY 400	SHARKY 500
Blade Diameter [mm]	300 / 350	350 / 400	450 / 500
Max Cutting Depth [mm]	115	135	180
Engine	Honda GX200	Honda GX270	Honda GX390
Engine Power [HP]	5.5	8.0	11.0
Weight [kg]	57	85	95
Additional Features	<ul style="list-style-type: none"> <li>15 L water tank</li> <li>Stepless and incremental cutting depth adjustment</li> <li>Cutting line indicator</li> <li>Cutting depth indicator</li> </ul>	<ul style="list-style-type: none"> <li>35 L water tank</li> <li>Cutting line indicator</li> <li>Cutting depth indicator</li> <li>Stepless cutting depth adjustment</li> </ul>	<ul style="list-style-type: none"> <li>35 L water tank</li> <li>Cutting line indicator</li> <li>Cutting depth indicator</li> <li>Stepless cutting depth adjustment</li> </ul>



## 2-FUNCTION SWEEPERS

# HYDROG OKP DUO



WATCH VIDEO

	OKP-600/2100	OKP-600/2400	OKP-600/2750
Brush Roller Width	2.10 m	2.40 m	2.75 m
Debris Hopper Capacity (loose volume)	240 dm <sup>3</sup>	260 dm <sup>3</sup>	300 dm <sup>3</sup>
Hydraulic Oil Demand	40 ÷ 70 l /min	50 ÷ 80 l /min	60 ÷ 100 l / min
Dimensions (L x W x H) [mm]	1,700 x 2,300 x 1,200	1,700 x 2,600 x 1,200	1,700 x 2,950 x 1,200
Weight (without mounting bracket)	440 kg	540 kg	680 kg
Sweeper Operating Modes	<ul style="list-style-type: none"> <li>Debris collection into the hopper</li> <li>Sweeping debris to the side</li> </ul>		
Brush Drive	Hydraulic from the carrier vehicle system		
Optional Equipment	<ul style="list-style-type: none"> <li>Water spraying system</li> <li>Right side brush</li> <li>Left side brush</li> </ul>		
Available Mounting Brackets	<ul style="list-style-type: none"> <li>For loaders / backhoe loaders</li> <li>For agricultural tractors</li> <li>For UNIMOG tool carriers and similar machines</li> </ul>		



The **HYDROG OKP DUO** sweeping-collecting machines are Hydrog's flagship cleaning equipment, known for their exceptional durability and reliability, even in the most demanding construction environments. Thanks to their robust design and high efficiency, they perform exceptionally well on both even and uneven surfaces, ensuring effective debris removal.

Their versatility makes them a preferred choice among demanding individual clients as well as renowned construction equipment rental companies. The **HYDROG OKP DUO** is compatible with all popular models of loaders, backhoe loaders, and tractors, offering a wide range of applications.

This machine features two operating modes – it can collect debris into the hopper or sweep debris to the side by lifting the hopper and rotating the sweeper to the right or left. This practical solution allows for flexible adaptation to working conditions, minimizing cleaning time, and increasing operational efficiency.





With **HYDROG OCP**, you always have a perfectly clean surface! These reliable collecting sweepers, used for road cleaning, have been appreciated by road and municipal companies across Europe, Asia, and Africa for decades, ensuring top-level cleanliness.

They effectively remove sand, gravel, stones, mud, slag, and other debris from roads, squares, sidewalks, and pathways. Thanks to the built-in hydraulically operated waste hopper, the entire process is efficient and eliminates the need for manual emptying.

The operator-controlled system from the cabin provides ease of use and full machine control. **HYDROG OCP** delivers robust construction, high efficiency, and reliability in all conditions—the perfect solution for companies requiring durable and efficient equipment for professional cleaning operations.

## COLLECTING SWEEPERS

## HYDROG OCP



	OCP-600/1500	OCP-600/1800	OCP-600/2100	OCP-600/2400
Brush Roller Length	1,500 mm	1,800 mm	2,100 mm	2,400 mm
Waste Hopper Capacity	170 dm <sup>3</sup>	200 dm <sup>3</sup>	240 dm <sup>3</sup>	260 dm <sup>3</sup>
Support Wheels	3 pcs.	3 pcs.	4 pcs.	4 pcs.
Minimum Oil Flow	18 l/min	18 l/min	30 l/min	40 l/min
Sweeper Dimensions (L x W x H) [mm]	1,700 x 1,500 x 1,200	1,700 x 1,500 x 1,200	1,700 x 2,300 x 1,200	1,700 x 2,600 x 1,200
Weight (without mounting bracket)	330 kg	390 kg	440 kg	540 kg
Hopper Emptying	Hydraulic			
Brush Drive	Hydraulic			
Power Supply	From the carrier vehicle's hydraulic system			
Maximum Oil Pressure	150 bar			
Optional Equipment	<ul style="list-style-type: none"> <li>▶ Water spraying system</li> <li>▶ Right side brush</li> <li>▶ Left side brush</li> </ul>			
Available Mounting Brackets	<ul style="list-style-type: none"> <li style="width: 50%;">▶ Agricultural tractor</li> <li style="width: 50%;">▶ UNIMOG-type vehicle and similar machines</li> <li style="width: 50%;">▶ Loader</li> <li style="width: 50%;">▶ Forklift</li> <li style="width: 50%;">▶ Backhoe loader</li> </ul>			

## HYDRAULIC SIDE SWEEPERS

# HYDROG OCN



WATCH VIDEO

### PERFECT WHEN SIMPLY SWEEPING DEBRIS TO THE SIDE IS ENOUGH

The **HYDROG OCN** is one of the most powerful hydraulic side sweepers on the market, designed for professionals who demand reliability and efficiency. It effortlessly removes asphalt debris and tough contaminants, while its reinforced construction ensures resistance to heavy use, even in the harshest conditions.

Thanks to its hydraulic drive brush roller, the machine delivers high efficiency with minimal operator effort. The hydraulic motor, positioned within the sweeper frame, is protected from damage, increasing durability and reliability. The hydraulic lifting and lowering of the brush, as well as adjustable sweeping direction (left/right), provide full control and operational flexibility.

The operator controls the sweeper directly from the vehicle cabin, ensuring comfort and maximum efficiency. **THE HYDROG OCN** is the ideal choice for road and construction companies that need durable, high-performance, and user-friendly equipment.

	OCN-600/1500	OCN-600/1800	OCN-600/2100	OCN-600/2400
Brush Roller Length	1.5 m	1.8 m	2.1 m	2.4 m
Minimum Required Oil Flow	18 l/min	18 l/min	30 l/min	40 l/min
Dimensions (L x W x H) [mm]	1,000 x 1,700 x 750	1,000 x 2,000 x 750	1,000 x 2,300 x 750	1,000 x 2,600 x 750
Base Version Weight (without mounting bracket)	178 kg	190 kg	205 kg	290 kg
Control System	From the carrier vehicle cabin			
Brush Angle Adjustment	Manual or hydraulic			
Optional Equipment	<ul style="list-style-type: none"> <li>High-pressure road surface washer module</li> <li>Low-pressure pre-sweeping water spraying system</li> <li>Road lighting system</li> <li>Side shift system (+/-24 cm from the central position)</li> </ul>			
Available Mounting Brackets	<ul style="list-style-type: none"> <li>Agricultural tractor</li> <li>Wheel Loader</li> <li>Backhoe loader</li> <li>UNIMOG-type vehicle and similar machines</li> <li>Truck</li> </ul>			



# HYDROG PROWASHER 2500



The **HYDROG PROWASHER 2500** is a professional pressure washer designed for effective cleaning of road surfaces using high-pressure water. Equipped with a front spray bar with an adjustable working angle, it allows for precise control of the water jet, adapting to various road conditions.

- ▼ **Two versions available** – as a standalone unit or integrated with the HYDROG OCN-600/2400 sweeper
- ▼ **Effective cleaning** – removes dirt from asphalt, concrete, and other surfaces
- ▼ **Easy installation** – mounted on the front plate of a truck
- ▼ **Flexible use** – compatible with various water tanks available in the Hydrog range

## More Functionality for Your Vehicle

The **HYDROG PROWASHER 2500** is commonly chosen as additional equipment for bitumen emulsion sprayers, enhancing their functionality on construction sites. This solution optimizes vehicle usage and increases its versatility in daily operations.

<b>Working Tools</b>	Front spray bar with 10 nozzles + optional hand lance
<b>Surface Cleaning</b>	Water pressure at 220 bar
<b>Position Adjustment</b>	Adjustable angle and height of the spray bar
<b>Drive System</b>	Powered by the hydraulic system installed in the chassis
<b>Control System</b>	Controlled from the vehicle cabin
<b>Installation</b>	Mounted on the front plate of a truck
<b>Available Water Tanks</b>	2,000 and 3,800 liters (other capacities available)



## WEED BRUSHES

## HYDROG SCZ-900

The **HYDROG SCZ-900** is a professional weed brush system designed for mechanical removal of weeds and debris from paving stones, sidewalks, concrete block surfaces, and other hardened surfaces. With its powerful and efficient brushes, it effectively eliminates overgrown plants without the use of chemicals, making it an eco-friendly and safe solution for municipalities and maintenance companies.

This machine is also ideal for post-winter road cleaning, efficiently removing dried mud, sand, and gravel from roadsides and curbs.

The **HYDROG SCZ-900** can be mounted on various carriers, such as agricultural tractors, UNIMOG vehicles, and backhoe loaders, ensuring versatile applications and convenient operation in various conditions.

It is a reliable tool for professional cleaning companies, delivering high efficiency, time savings, and reduced operational costs.



Hydraulic (telescopic boom)	Reach Adjustment
Manual or hydraulic	Side Adjustment (Right/Left)
Hydraulic, powered by the carrier's pump	Drive System
55 – 80 l/min - 160 bar	Hydraulic Power Supply
960 mm	Brush Diameter
Clockwise / Counterclockwise	Brush Rotation
Controlled from the carrier's cabin	Control System
Water spraying system with pump and water tank	Options
160 ÷ 330 kg (depending on configuration)	Weight





### **HYDROG ZBM**

Road Machinery Factory  
119 BC Demokratyczna Street  
93-348 Lodz, Poland



**+48 42 645 77 42**



**[www.hydrog.com](http://www.hydrog.com)**



**[hydrog@hydrog.com](mailto:hydrog@hydrog.com)**



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