



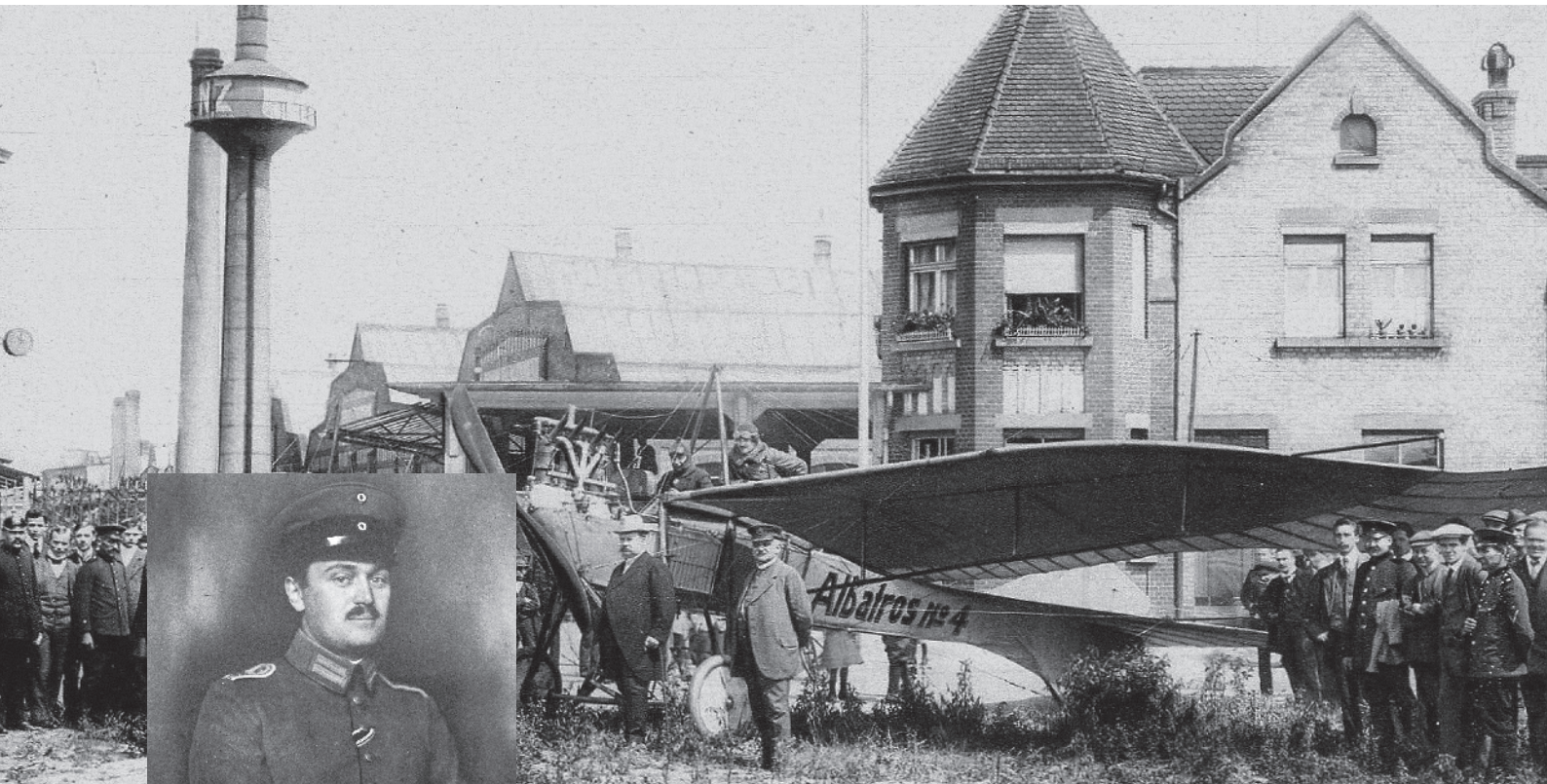
HIRTH  
ENGINES

PIONEERING 2-STROKE PROPULSION SYSTEMS

# The Power of Hirth

OUR STORY

# Pioneering Innovation for Land, Sea and Air



**Hellmuth Hirth**

Engineer and Founder of Hirth Motoren

24 April 1886 - 1 July 1938

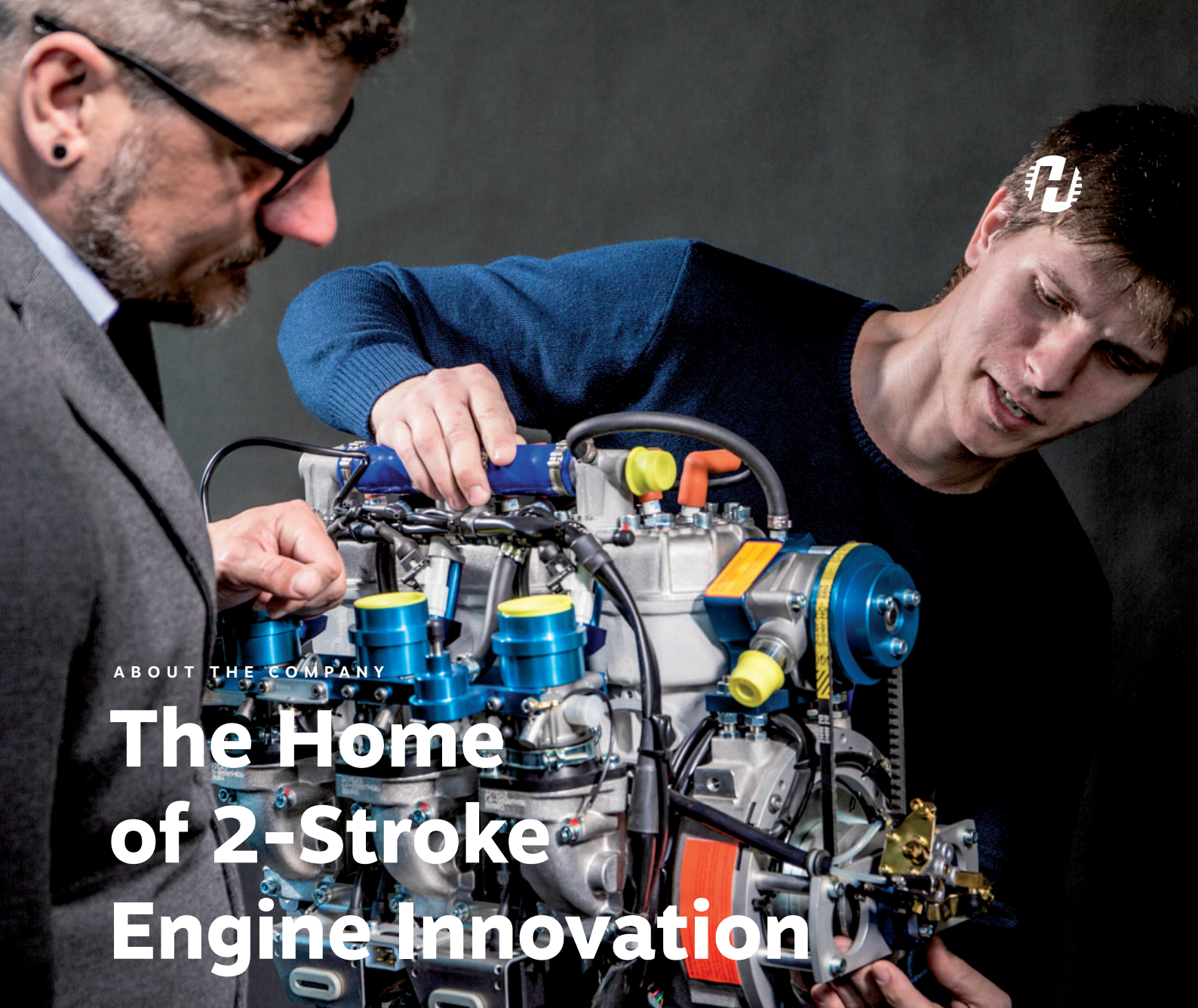
## HISTORY

Our proud history is intimately associated with the pioneering days of world aviation thanks to founder Hellmuth Hirth and provides a unique focus on innovation and technology excellence. Hirth was influenced by Edison, the Wright Brothers and Zeppelin. His legacy is embedded in the company's attention to detail, engineering excellence and technology that is leading edge, but easy to maintain.

Today, strength in management and proven strategic and business acumen, has enabled Hirth Engines to focus on industry leading engine technology and developing next generation solutions for 2-stroke engines. Our focus is firmly placed on providing our customers with the best technology available, easy to maintain propulsion and a commitment to offering superior service levels.



90 years  
over  
in Aviation



ABOUT THE COMPANY

# The Home of 2-Stroke Engine Innovation

## #ThePowerOfHirth

High value engineering delivering the best in power-to-weight ratio, low cost and low maintenance engines. Hirth Engines provide the ultimate fit for your machine.

More information on our website:  
[www.hirthengines.com](http://www.hirthengines.com)



## THE MISSION

The pioneers of 2-stroke engines, we pride ourselves in engineering a range of innovative propulsion solutions and are continually developing our state-of-the-art technology to deliver the best solutions.

Hirth Engines have been in production since the beginning of powered flight and our engineering excellence continues with performance and efficiency as the driving force in all our products.

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Name:	Hirth Engines GmbH
Headquarters:	Benningen am Neckar, Germany
International Sales Office:	Hirth Global Sales GmbH in Vienna, Austria
Number of Employees:	40+



SERVICE

# Customer Focus

## Placing the Customer First

We are committed to delivering the highest in customer satisfaction. Hirth Engines have launched a global market focus programme dedicated to providing customers with the perfect fit for their propulsion needs. With over 90 years' experience in producing two-stroke engines, we guarantee impeccable service, warranty and parts availability whether you're a manufacturer, pilot or hobbyist.

Our sales and service teams are operated by expert engineers and technicians who can help with any of your needs. We have a full range of genuine Hirth Engines parts, equipment and technical information to guarantee your engine is serviceable and in top form as soon as possible.

### Customer Support Contact Information

Email: [service@hirthengines.com](mailto:service@hirthengines.com)

### Hirth International Sales & Services Information

Name: Hirth Global Sales GmbH

Address: Office Park 1, Top B02, International Airport, 1300 Vienna, Austria

E-Mail: [office@hirth-global-sales.com](mailto:office@hirth-global-sales.com)

Tel.: +43 660 21 41 273

[www.hirthengines.com](http://www.hirthengines.com)





# Unmanned Aerial Vehicles (UAV)

Our UAV engine series are the propulsion system of choice in the helicopter and fixed wing unmanned aerial vehicle sector and have been extensively proven in civilian and military domains.

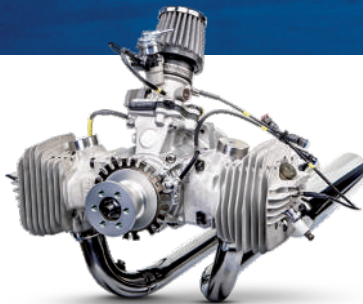
Engineered with the latest 2-stroke technology, our engines utilise advanced closed-loop control that optimises performance for extreme environmental conditions.



4103

## 41 Series

- 2-Stroke
- Air Cooled
- Exceptional Reliability
- Latest Unmanned Aerial Vehicle (UAV) Technology
- Maximum Performance in Extreme Conditions
- Starter-Generator-System



4201

## 42 Series

- 2-Stroke
- Air Cooled
- State-of-the-art Engine Technology
- Best performance for Unmanned Aerial Vehicles (UAV)
- Ultimate Control in Extreme Conditions
- Starter-Generator-System



35HF

## 35 Series

- 60 HP
- 2-Stroke
- Liquid Cooled
- Heavy Fuel
- Maximum Performance in Extreme Conditions
- Highest Power to Weight Ratio
- NATO Compliant



PORTFOLIO

# Sports Aviation

We are dedicated to developing world-class engines to fuel your favourite powersports. Our 2-stroke engines offer the best power and performance with unrivalled reliability, keeping you in the air for longer.



3302

## 33 Series

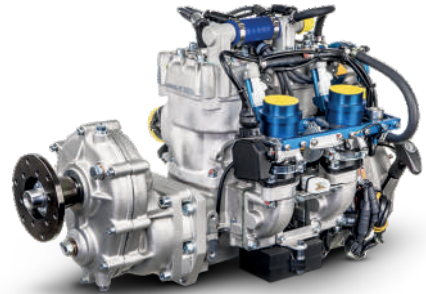
- 30 HP
- 2-Stroke
- Air Cooled
- Light Weight
- TBO of 1000 Hours



F23 LIGHTWEIGHT

## 23 Series

- 50 HP
- 2-Stroke
- Air Cooled
- Easy Maintenance
- TBO of 1000 Hours



3502 & H35

## 35 Series

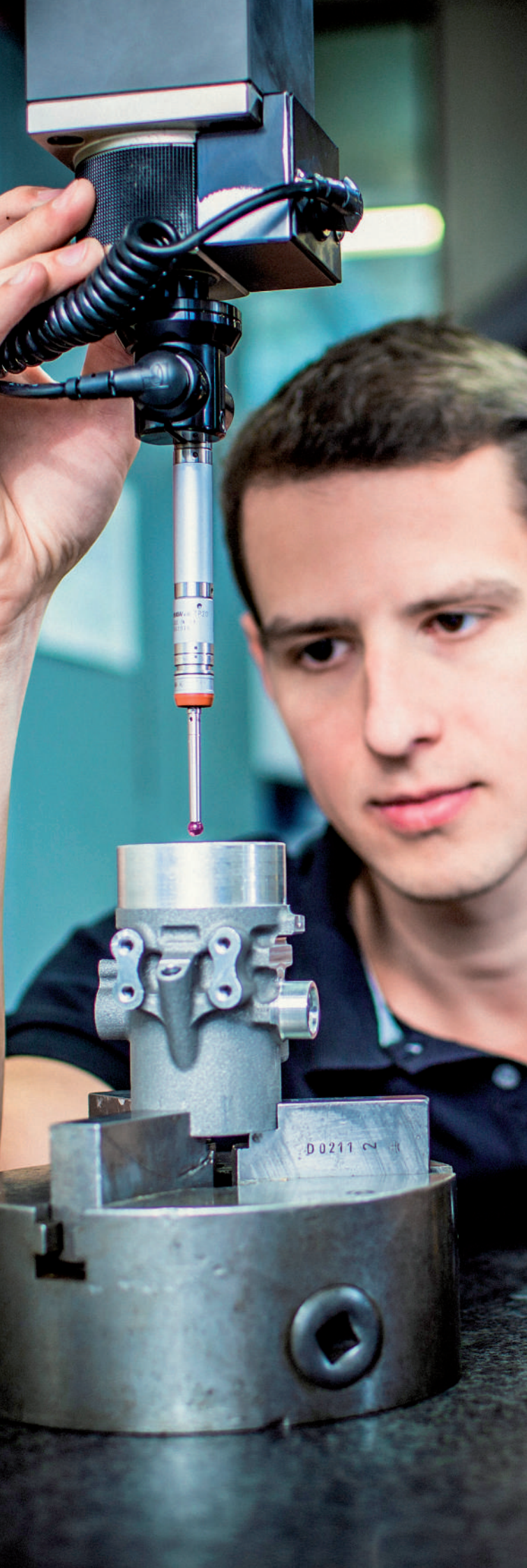
- 70 Hp
- 2-stroke
- Liquid Cooled
- Highest Power To Weight Ratio
- Perfect for Light Aviation, Hovercraft, Gyro or Helicopters



3201

## 32 Series

- 65 HP
- 2-Stroke
- Air Cooled
- Extreme Durability
- TBO of 1000 Hours



#### CUSTOMISATIONS

## Propulsion Technology Powering the Future of 2-Stroke:

We offer the most reliable 2-stroke engines, providing you a lightweight engine with less moving parts and superior power. Our products include heavy fuel and a variety of special requirements. We offer specialised customisations for all clients when necessary to meet the demands of any machine.

#### TECHNOLOGY

## Uniting Expertise, Excellence and Efficiency

With a combination of heritage, expertise, quality and investment in technology, we tool and test all our products to create unmatched durability and performance.

#### R & D

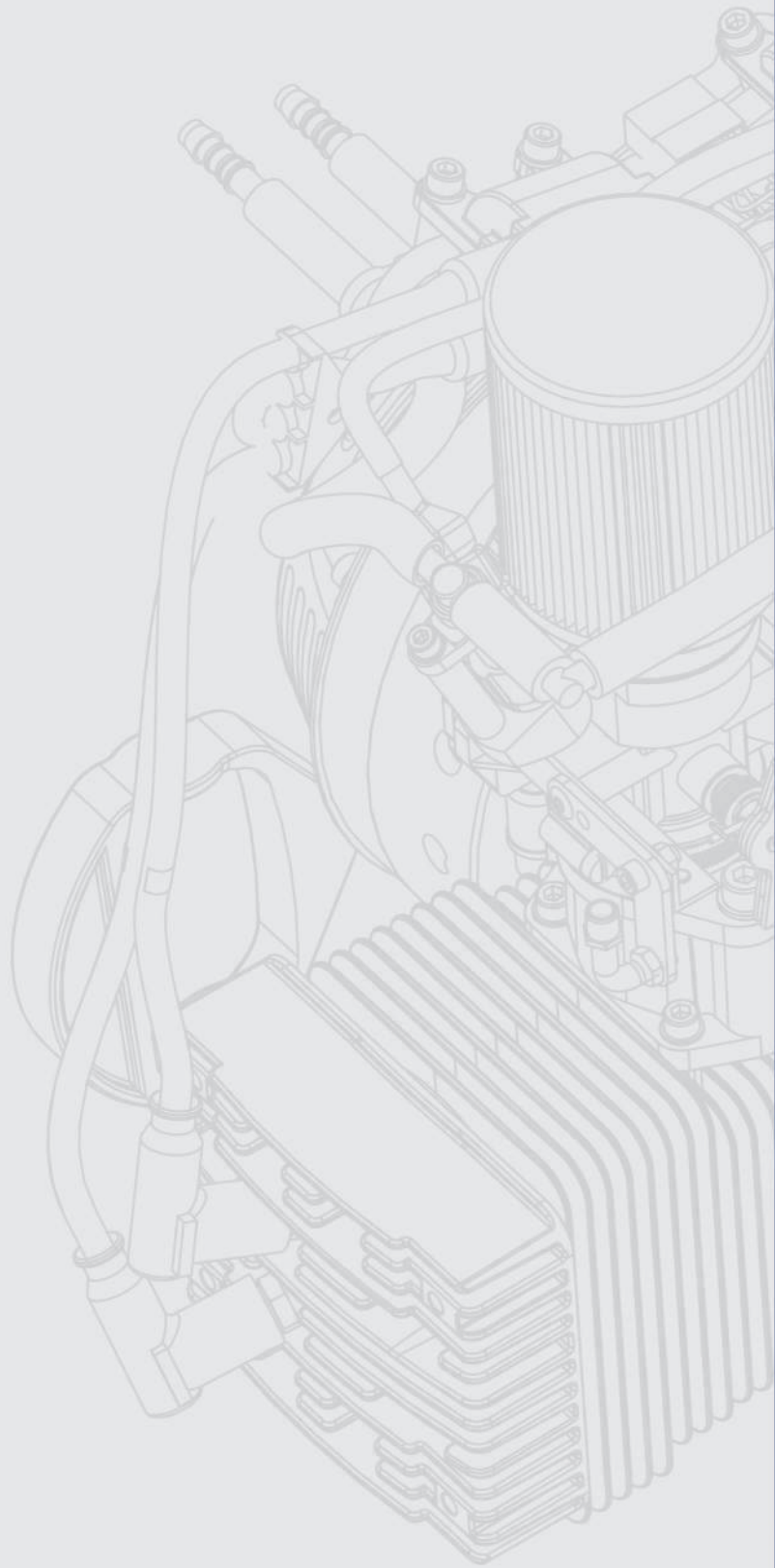
## Combining Power and Reliability with State-of-the-Art Technology

In addition to custom-made adaptations of our series engines we undertake a range of R&D programmes. Our advanced knowledge of 2-stroke engineering has enabled us to achieve fuel efficiency and extreme performance that are unequalled in the world of engines.

#### DEVELOPMENT

## Superior Engineering, Leading Class Design

Specially designed with the customer in mind, we develop innovative engines offering state-of-the-art propulsion technology, outstanding fuel efficiency and leading class power to weight ratio.



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71726 Benningen am Neckar  
Germany

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