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# Power that protects and secures

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At the heart of every  
mission

**LIEBHERR**

Combustion engines



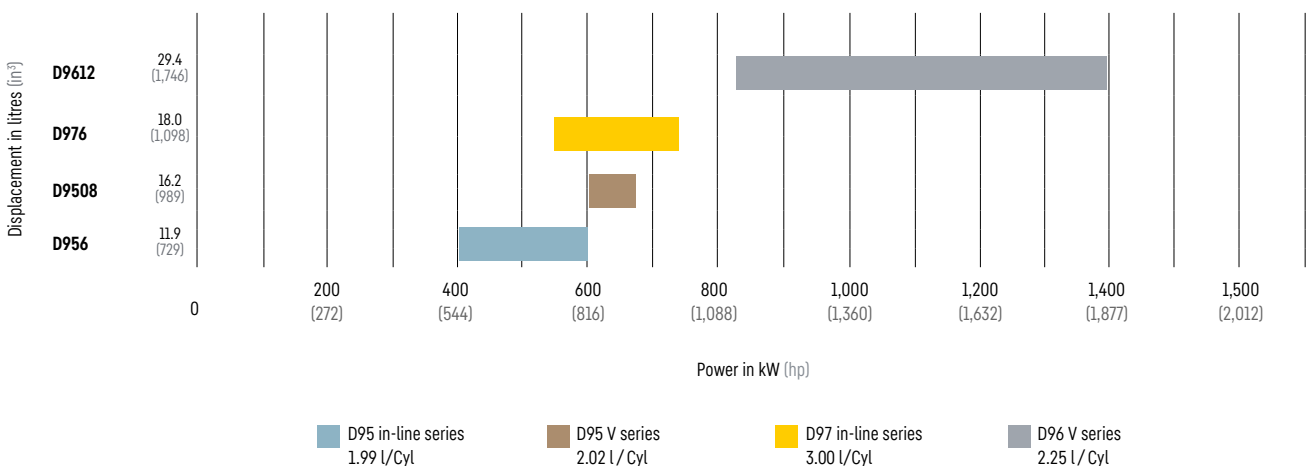
# Combustion engines for defense

Liebherr is a trusted, long-term partner in the defense sector, delivering high-performance engines for mission-critical operations and harsh environments. Leveraging decades of expertise, we combine advanced engine development with a high level of vertical integration manufacturing key components in-house - such as injection systems and control electronic - to ensure technological independence, reliability and reduced reliance on external suppliers.

Our engines are designed for flexibility and can be adapted to meet the unique demands of each project, enabling us to offer bespoke solutions for military applications worldwide. Thanks to Liebherr's extensive global presence, we facilitate numerous opportunities for country-specific industrial cooperation.

Building on proven technologies that are continuously optimized to meet evolving defense requirements, Liebherr, as a family-owned company, leverages its independence to deliver mature, reliable and lifecycle-oriented solutions with outstanding quality, adaptability and customer focus. With a comprehensive international network, we are ideally positioned to support local manufacturing and industrial cooperation requirements, while consistently delivering top-tier, European-made solutions that underpin critical defense operations.

## Power range



### High performance and uptime

Always committed to the highest quality standards, Liebherr has developed defense engines that deliver uncompromising performance and efficiency, resulting in increased uptime for our customers.

### In-house engine technology

Liebherr develops and manufactures all key components—including the high-pressure pump, rails, injectors, and filtration systems—in-house. Our proprietary ECU enables rapid adaptation to new requirements, while our own injection system ensures independence and flexibility in a dynamic market.

### Low operating costs

Reduced fuel consumption and high reliability ensure low total operating costs.

### Global experience and synergies

Liebherr engines power over 50,000 machines worldwide; our defense engines benefit directly from this extensive experience and the strong synergies between civil and specialized applications.

### Customer service support

Customers benefit from worldwide support by experienced Liebherr service technicians, including customer support services and on-site training.

### Digital solutions

Our LiDIA diagnostic tool, combined with long service intervals, further enhances reliability while minimizing engine downtime.

# LIEBHERR

# From 400 – 1,400 kW



## D956

Bore	mm (in)	130	5.1
Stroke	mm (in)	150	5.9
Displacement	l (in <sup>3</sup> )	11.9	726
Power rating	kW (hp)	400 - 600	536 - 805
Rated speed	rpm	2,200	2,200
Peak torque	Nm (lb-ft)	2,713 at 1,100 rpm	2,001 at 1,100 rpm
Dry weight	kg (lbs)	1,240	2,734
Dimensions (LxWxH)	mm (in)	1,367 x 981 x 1,061	53.8 x 38.6 x 41.8



## D9508

Bore	mm (in)	128	5.0
Stroke	mm (in)	157	6.2
Displacement	l (in <sup>3</sup> )	16.2	989
Power rating	kW (hp)	600 - 736	805 - 1,000
Rated speed	rpm	2,300	2,300
Peak torque	Nm (lb-ft)	3,400 at 1,500 rpm	2,508 at 1,500 rpm
Dry weight	kg (lbs)	1,400	3,086
Dimensions (LxWxH)	mm (in)	1,165 x 1,090 x 1,060	45.9 x 42.9 x 41.7



## D976

Bore	mm (in)	148	5.8
Stroke	mm (in)	174	6.9
Displacement	l (in <sup>3</sup> )	18.0	1,098
Displacement*	l (in <sup>3</sup> )	20	1,220
Power rating	kW (hp)	565 - 736	785 - 1,140
Rated speed	rpm	1,900	1,900
Peak torque	Nm (lb-ft)	4,301 at 1,300 rpm	3,172 at 1,300 rpm
Dry weight	kg (lbs)	1,950	4,229
Dimensions (LxWxH)	mm (in)	1,151 x 1,061 x 1,500	45.3 x 41.8 x 59.1

\* in development



## D9612

Bore	mm (in)	141	5.6
Stroke	mm (in)	157	6.2
Displacement	l (in <sup>3</sup> )	29.4	1,794
Power rating	kW (hp)	850 - 1,400	1,140 - 1,880
Rated speed	rpm	2,700	2,700
Peak torque	Nm (lb-ft)	5,950 at 1,500 rpm	4,395 at 1,500 rpm
Dry weight	kg (lbs)	2,350	5,181
Dimensions (LxWxH)	mm (in)	1,750 x 2,020 x 1,080	68.9 x 79.5 x 42.5

# LIEBHERR

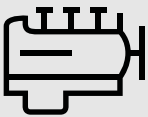
# Components

As a provider of a vast variety of products, the components product segment offers solutions in the area of mechanical, hydraulic, electric and electronic drive system and control technology. Our state-of-the-art components and systems of the highest quality are designed and manufactured at ten production sites worldwide. Representatives from each of our product segments are available to our customers at

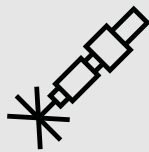
Liebherr-Components AG and the regional sales and distribution branches.

Liebherr is your partner for a joint success: from product idea to development, manufacture and commissioning right through to customer service solutions, such as remanufacturing.

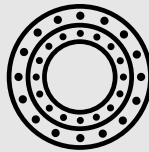
[components.liebherr.com](http://components.liebherr.com)



Engines



Fuel injection systems



Slewing bearings



Gearboxes



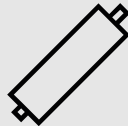
Winches



Hydraulic pumps and motors



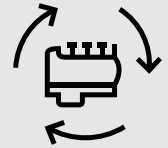
Hydraulic cylinders



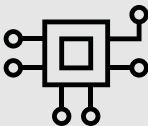
Piston accumulators



Electric machines



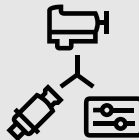
Remanufacturing



Industrial electronics



Electrical drive and control technology



Drive systems



Aerospace electronics



Fibre composite

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