

SpinDrive

Raising 8 – 12 M\$

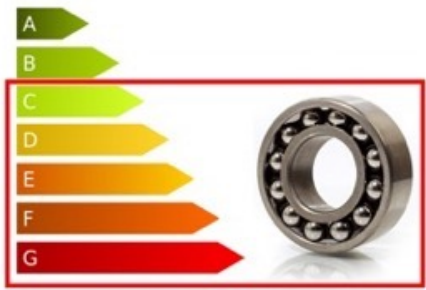
HTVD
May 8th



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| PROBLEM

Electric motors consume 46% of global electricity generation¹



Standard bearings
are inefficient



Bearings cause
70% of failures



Risk of oil
contamination

WE ADDRESS **24 bn\$** SPECIAL BEARING MARKET PROBLEM

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¹ de Almeida et al., "Technical and economical considerations on super high-efficiency three-phase motors", 2019

SPINDRIVE SOLUTION

ACTIVE MAGNETIC BEARING SYSTEM

CONTROLLER MAGMA®



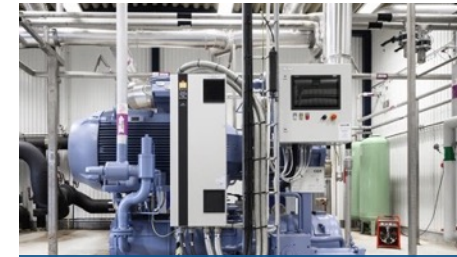
Four
international
patents

ACTUATORS AND SENSORS



Two
international
patents

APPLICATION EXAMPLES



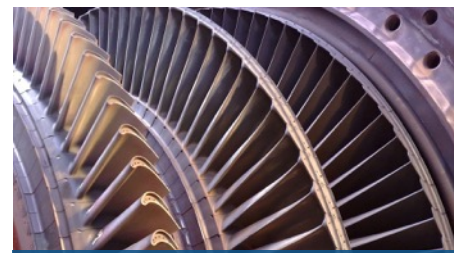
Turbocompressors



Turbo blowers



Turbo expanders



Microturbines

ACTIVE MAGNETIC BEARINGS LEVITATE THE ROTOR

| BENEFITS



HIGHER EFFICIENCY

Payback time is
1 year



MAINTENANCE- FREE SYSTEM

80% lower
maintenance



OIL-FREE OPERATION

Access to the
new markets



CONDITION MONITORING

Reliable OEM
unit operation

SPINDRIVE REDUCES CUSTOMERS' LIFECYCLE COSTS **BY 35%**

SPINDRIVE IMPACT



1.5 °C COMPATIBLE
SOLUTION
FRAMEWORK



SpinDrive impact goal

Democratize levitation technology to mitigate
above **600 Mt CO2 eq. by 2050**



Impact on 1 billion lives

**CO2
mitigation**

**Contaminant-free
food and water**

**Renewable
energy**

**Mass market
application**

SDGs

7 AFFORDABLE AND
CLEAN ENERGY



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



13 CLIMATE
ACTION



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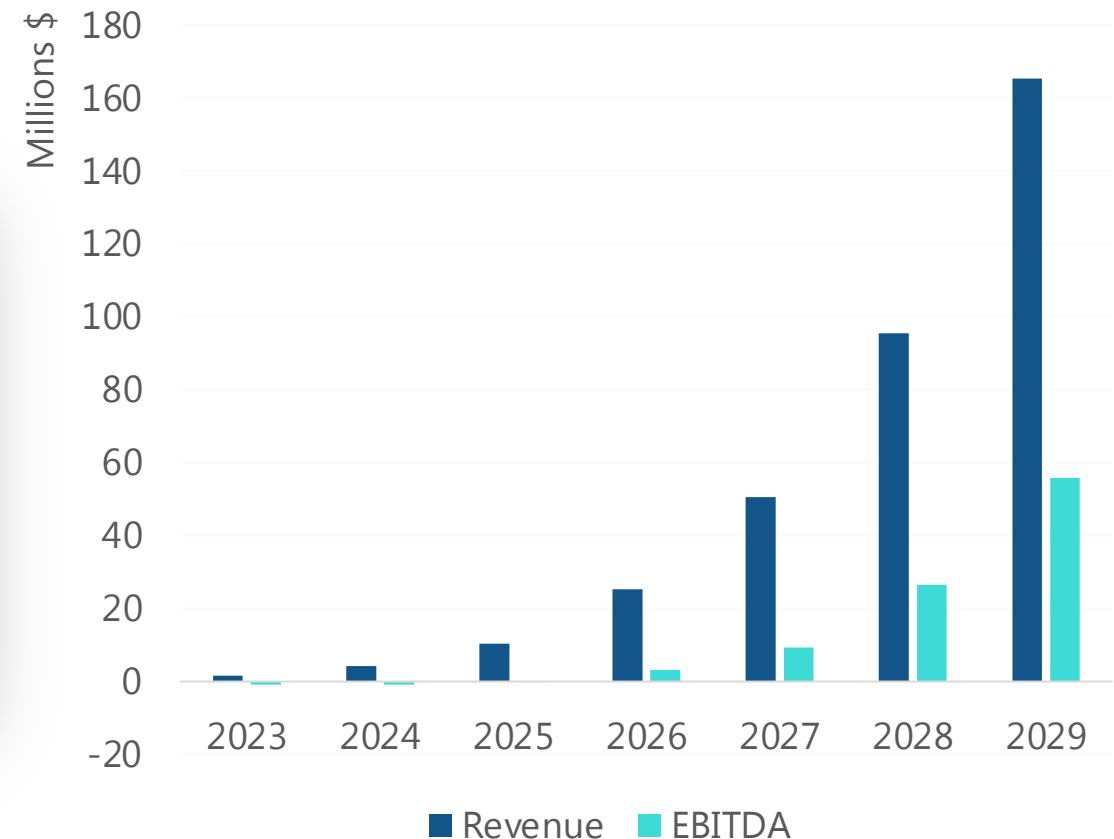
TRACTION

Customer traction

- | SIX MULTIBILLION CUSTOMERS
- | LEADING OEM CUSTOMERS IN EUROPE AND ASIA
- | SERIAL PRODUCT SALES

TOTAL FUNDING INCLUDING GRANTS: 10 M\$

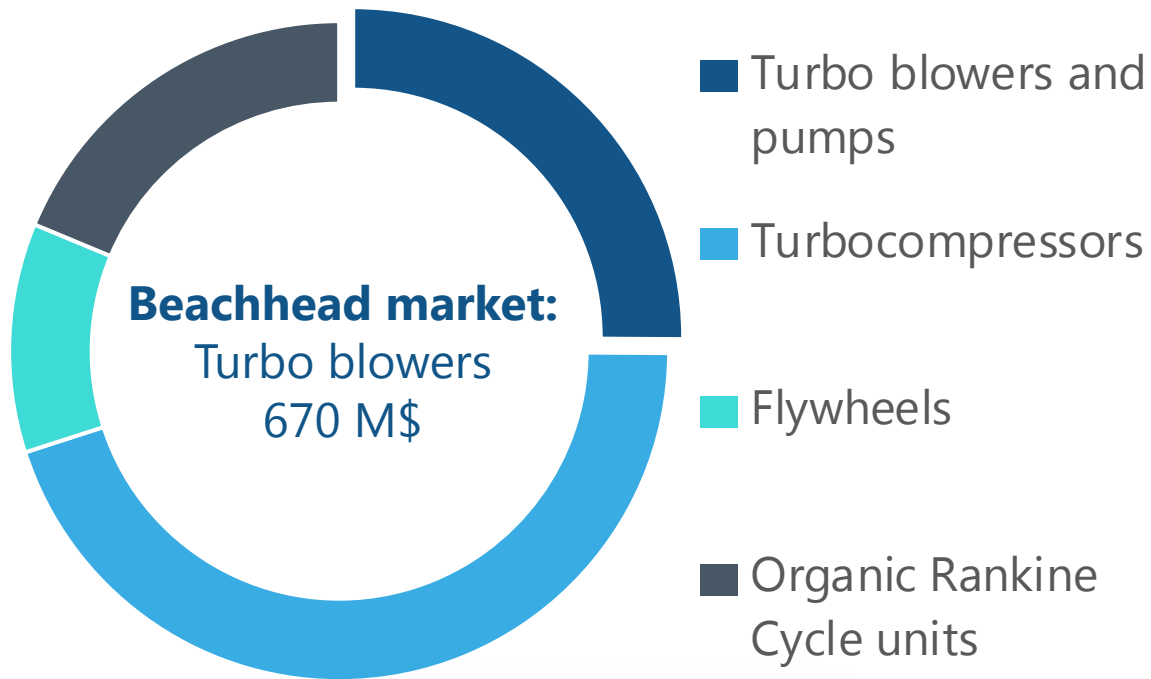
Financials



MARKETS

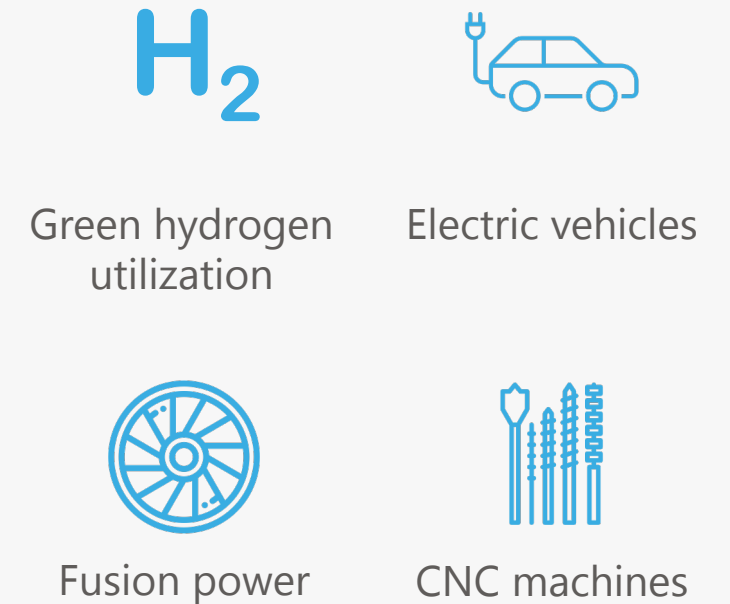
TAM: 24 bn\$

FIRST TARGET APPLICATION REVENUES



Total 2.7 bn\$

NEXT MARKETS



Total >10 bn\$

TEAM

Founders



Dr. Janne Heikkinen, CEO,
Chairman of the Board



Dr. Nikita Uzhegov, COO,
Board Member



Dr. Alexander
Smirnov, CTO



Teemu Sillanpää, CPO



Total 17 FTEs

Board



Jukka-Pekka Mäkinen,
Business Advisor



Tommi Äijälä,
Managing Partner



Carsten Boers,
Managing Partner



Observer
Isabel Klein, Associate



SKILLED MANAGEMENT TEAM
WITH EXPERIENCED BOARD



WE ARE LOOKING FOR 8 – 12 M\$ IN 2025

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