UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

F O R M 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2026

Commission file number: 0-16050

TAT TECHNOLOGIES LTD.
(Name of Registrant)

9335 Harris Corners Pkwy, Charlotte, NC 28269
(Address of Principal Executive Office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

TAT TECHNOLOGIES LTD.

TAT Technologies Ltd. (the "Company") hereby furnishes the following documents:

Item/Exhibit No.	Description
99.1	Company Presentation

This Report on Form 6-K and related exhibits are incorporated by reference into the Company's registration statements on Form F-3 (File No. 333-286699 and 333-294411) and Form S-8 (File Nos.333-268906, and 333-286702), and shall be a part thereof from the date on which this Form 6-K is furnished, to the extent not superseded by documents or reports subsequently filed or furnished.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

TAT TECHNOLOGIES LTD.
(Registrant)

By: /s/ Ehud Ben-Yair
Ehud Ben-Yair
Chief Financial Officer

Date: November 2, 2026

Exhibit 99.1



DISCLAIMER

Forward-Looking Statements

This presentation may contain certain forward-looking statements about us and our industry that involve substantial risks and uncertainties. All statements other than statements of historical facts contained in this presentation, including statements regarding our strategy, future financial condition, future operations, projected costs, prospects, plans, objectives of management, and expected market growth (both generally and with respect to our company), are forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Generally, the words "expects," "anticipates," "targets," "goals," "projects," "intends," "plans," "believes," "seeks," "estimates," or variations of such words and similar expressions identify forward-looking statements. These forward-looking statements involve certain risks and uncertainties, including those described in the section titled "Risk Factors" and elsewhere in our Annual Report on Form 20-F for the year ended December 31, 2025 and future quarterly reports.

Any forward-looking statements in this presentation are not guarantees of future results, levels of activity, performance or events and circumstances, and actual results, developments and business decisions may differ materially from those contemplated by those forward-looking statements. The forward-looking statements made in this presentation relate only to events as of the date on which the statements are made. We undertake no obligation to update any forward-looking statements made in this presentation to reflect events or circumstances after the date of this presentation or to reflect new information or the occurrence of unanticipated events, except as required by law.

DISCLAIMER (cont.)

Non-U.S.-GAAP Financial Measures

This presentation includes certain financial information that is not presented in accordance with The U.S. GAAP, including Adjusted EBITDA and Adjusted EBITDA Margin. We refer to these measures as "non-U.S. GAAP" financial measures. We present these non-U.S. GAAP measures as we believe that their presentation of these enhances an investor's understanding of our financial performance. Although these non-U.S. GAAP measures are frequently used by investors and securities analysts in their evaluations of companies in industries similar to ours, these non-U.S. GAAP measures have limitations as analytical tools, are not measurements of our performance under U.S. GAAP and should not be considered as alternatives to net income or any other performance measures derived in accordance with U.S. GAAP and should not be used by investors or other users of our financial statements in isolation for formulating decisions, as such non-U.S. GAAP measures exclude a number of important cash and non-cash charges.

You should be aware that our presentation of these and other non-U.S. GAAP financial measures in this presentation may not be comparable to similarly titled measures used by other companies. A reconciliation of each of these non-U.S. GAAP measures to its most directly comparable financial measure calculated in accordance with U.S. GAAP is provided in the Appendix to this presentation.

Industry and Market Data

Within this presentation, we reference information and statistics regarding the market for our products and services. We have obtained some of this statistical data, market data and other industry data from public filings, industry publications and studies conducted by third-party sources. Some data and other information contained in this presentation are also based on management's estimates and calculations, which are derived from our review and interpretation of internal surveys and independent sources. Data regarding the industries in which we compete and our market position and market share within these industries are inherently imprecise and are subject to significant business, economic and competitive uncertainties beyond our control, but we believe they generally indicate size, position and market share within this industry. In addition, assumptions and estimates of our and our industries' future performance are necessarily subject to a high degree of uncertainty and risk due to a variety of factors. These and other factors could cause our future performance to differ materially from our assumptions and estimates.

Trademarks, Trade Names, Service Marks and Copyrights

We own or have rights to use various trademarks, tradenames, service marks and copyrights, which are protected under applicable intellectual property laws. This presentation also contains trademarks, tradenames, service marks and copyrights of other companies, which are, to our knowledge, the property of their respective owners. Solely for convenience, certain trademarks, tradenames, service marks and copyrights referred to in this presentation may appear without the ©, ®, and symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the rights of the applicable licensors to these trademarks, tradenames, service marks and copyrights. We do not intend our use or display of other parties' trademarks, tradenames, service marks or copyrights to imply, and such use or display should not be construed to imply a relationship with, or endorsement or sponsorship of us by, these other parties.

ACRONYM GUIDE

OEM: Original Equipment Manufacturer

MRO: Maintenance, Repair & Overhaul

APU: Auxiliary Power Unit

LTA: Long-Term Agreement

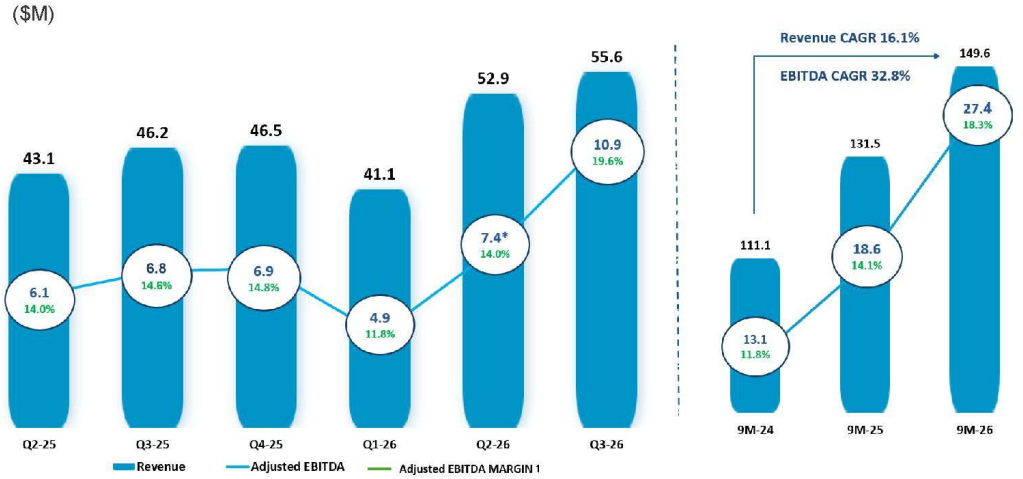
LG: Landing Gear

HX: Heat Exchanger

VALUE PROPOSITION

- **Strong Demand for Products & Services**
- **Strategic Capabilities Supporting Future Growth**
- **Scalable Business Model**
- **Proven Leadership Team**

ON AN UPWARD TREND



- **Trusted Partner with 300+ Customers**
  Including Tier 1 aircraft manufacturers, system integrators and airlines
- **$577M Backlog** (Q3-26)
  & Long-term Agreements

Honeywell · EMBRAER · AIRBUS · FedEx · LOCKHEED MARTIN · RTX · Gulfstream · TEXTRON · BOEING · LIEBHERR · SAFRAN · ups · Lufthansa · American Airlines · DELTA · UNITED

(1) Adjusted EBITDA is a non-U.S. GAAP measure. See the appendix for a reconciliation of Adjusted EBITDA to the most comparable U.S. GAAP measures. Quarterly figures may not sum to annual totals due to rounding.
(2) *Adjusted EBITDA in Q2-26 excludes a $4.3m gain from the sale of minority shares of First Aviation

KEY GROWTH ENGINES DRIVE NEAR-TERM AND FUTURE GROWTH

SEVERAL PILLARS WILL SUPPORT TAT'S CONTINUED STRONG GROWTH

M&A: Well-positioned with the infrastructure ready to execute our M&A strategy—driving market share, expanded capabilities, and value for customers and shareholders.

APU: $2.5B+ Addressable market with OEM certifications. New distribution operations create a comprehensive business model that gives us a competitive advantage.

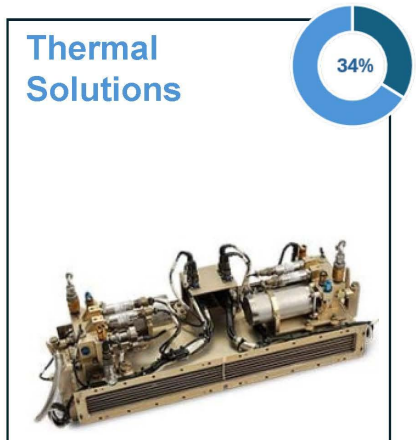
Thermal Solutions: MRO leadership with certified OEM capabilities, benefiting from strong global demand for MRO and growth in new aircraft production, fleet conversions, and emerging eVTOL aviation.

Trading, Leasing & Distribution: Enable our customers to overcome supply chain challenges and benefit from TAT's in-house MRO capabilities across all products.

TAT Technologies

KEY STRATEGIC PRODUCT & SERVICE OFFERINGS

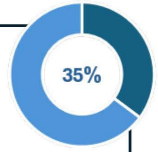
Thermal Solutions



Thermal Solutions Market Leader

MRO & OEM
60+ years of experience

APU
MRO

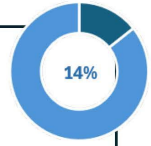




APU Honeywell Licensee

MRO

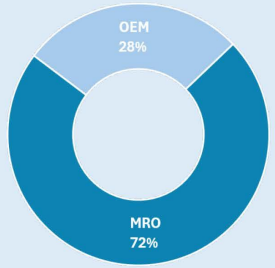
Leasing, Trading & Distribution

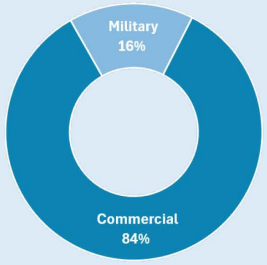


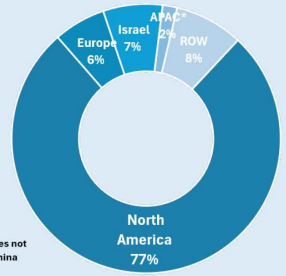


APU, Heat Exchanger, and Landing Gear

APU Leasing
APU Parts Distribution
Aviation Components Trading







*APAC does not include China

Note: Charts based on % contribution for Q3-2026 revenue
Other non-strategic product lines represent 13% of the total revenue

Q3 2026 EARNINGS

Financial Highlights

Record Revenue and Profitability: Revenue +20.2% to a record $55.6M, while Adjusted EBITDA surged 60.9% to a record $10.9M, and diluted EPS rose 57.8% to $0.58.

Significant Margin Expansion: Gross margin increased to 30.9% (+580 bps YoY), while Adjusted EBITDA margin expanded to 19.6%, reflecting favorable product mix, distribution contributions & disciplined cost management.

Strong Cash Generation and Balance Sheet: Generated $3.8M in operating cash flow despite a $10.6M inventory investment, mostly as part of the distribution agreement. Ended the quarter with $42.6M in net cash and modest leverage.

	Q3'26	9M'26 YTD
Revenue	$55.6M *+20.2% y/y*	$149.6M *+13.8% y/y*
Gross Profit	$17.2M *30.9% of Revenue*	$40.5M *27.1% of Revenue*
EPS	$0.58 *+57.8% y/y Growth*	$1.46 *+16.7% y/y Growth*
Adj. EBITDA[1]	$10.9M *19.6% of Revenue*	$27.4M *18.3% of Revenue*
Cash Flow from Operating Activities	$3.8M	$5.2M

(1) Adjusted EBITDA is a non-U.S. GAAP measure. See the appendix for a reconciliation to the most comparable U.S. GAAP measure.

Q3 2026 EARNINGS

Key Products Highlights

APU: Strong Growth and Profitability Driver. Revenue +34.4% YoY in Q3 (+26.8% YTD), as the business returned to a full run rate amid robust customer demand. Now represents 35% of total revenue and a key driver of growth & profitability.

Thermal Solutions: Quarterly revenue up 7.3% YoY in Q3 (+5.2% YTD), reflecting steady demand from OEM and MRO customers. Representing 34% of total revenue, provides a reliable foundation for continued growth.

Trading, Leasing & Distribution: Accelerating Growth. Revenue surged 85.5% YoY in Q3 (+42.9% YTD), driven by strong trading activity and expanded distribution. Now 14% of revenue, benefiting from expanded Honeywell relationship.

	Q3'26	9M'26 YTD
APU Revenue	$19.6M *+34.4% y/y*	$48.6M *+26.8% y/y*
Thermal Solutions Revenue	$18.8M *+7.3% y/y*	$56.5M *+5.2% y/y*
Trading, Leasing & Distribution Revenue	$8M *+85.5% y/y*	$17.6M *+42.9% y/y*
Landing Gear Revenue	$2.1M *-45.5% y/y*	$7M *-23.8% y/y*
Backlog	$577M	

Q3 2026 EARNINGS

Balance Sheet Highlights

Strong Net Cash Position: $42.6M in net cash, providing significant financial flexibility to fund growth and pursue strategic opportunities.

Low Leverage: Debt-to-LTM Adjusted EBITDA of just 0.32x, reflecting a strong balance sheet and substantial debt capacity.

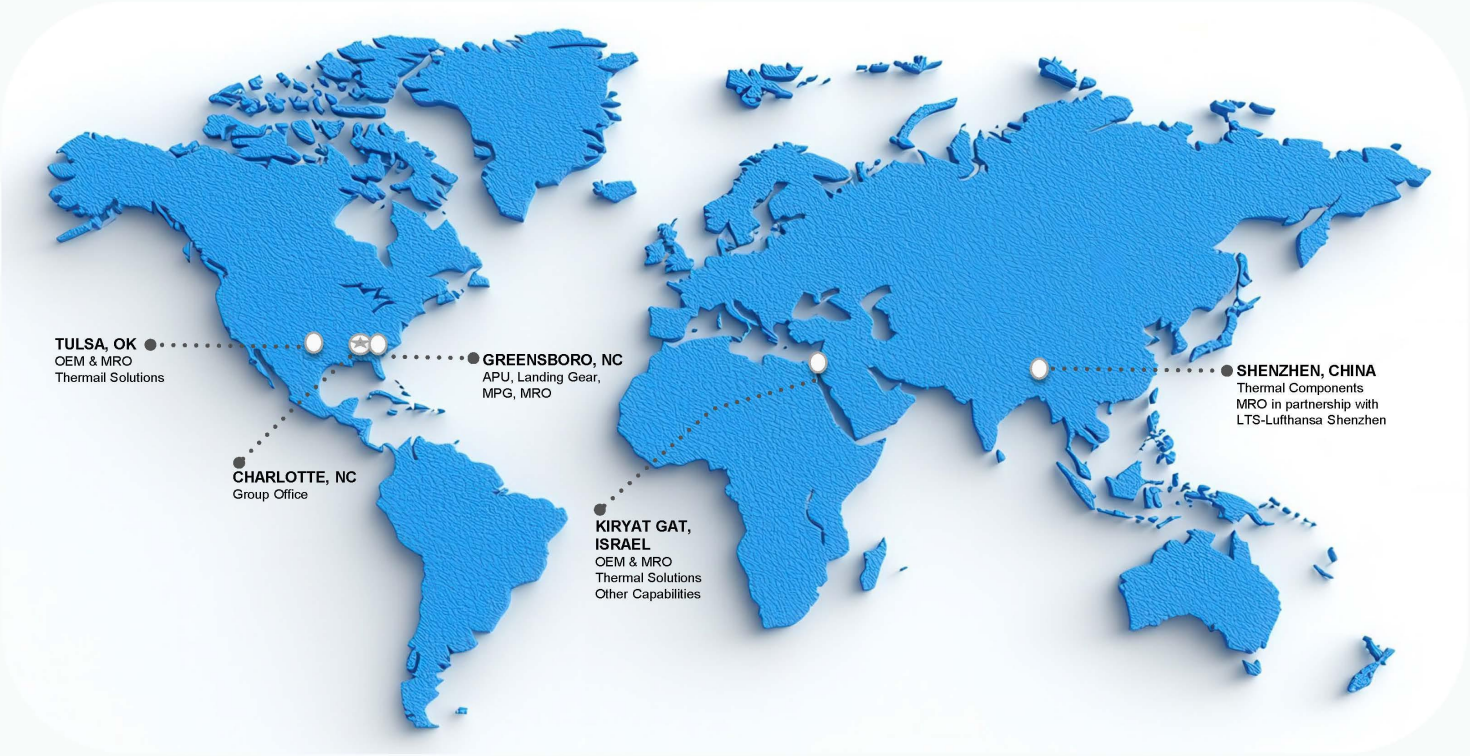
Strong Equity Base: Shareholders' equity represents 77% of total assets, underscoring TAT's solid capitalization and financial stability.

	Q3'26	2025
Total Assets	$254.7M *+12.3%*	$226.7M
Total Liabilities	$57.8M *+14.9%*	$50.3M
Total Cash	$53.7M *+4.8%*	$51.3M
Total Debt	$11.1M *-5.0%*	$11.7M
Net Cash	$42.6M *+7.7%*	$39.5M

TAT Technologies

TAT SUBSTANTIAL OFFERINGS

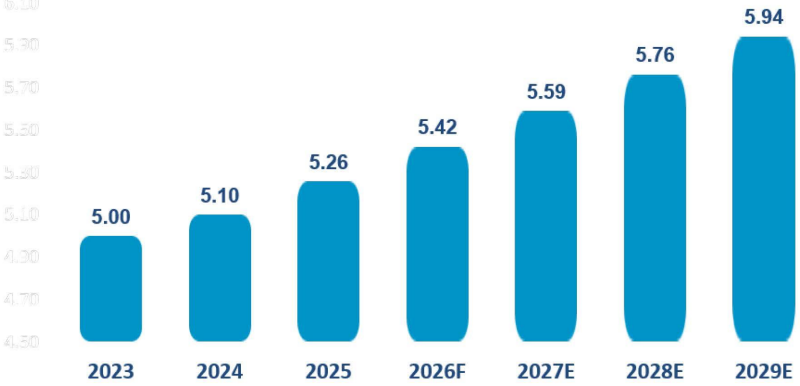




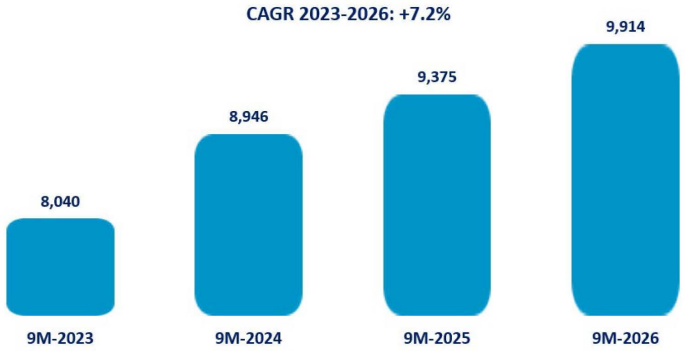
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Maintenance Demand

Global Air Passengers on a Steady Growth (bn)



Aircraft Maintenance Expenses* ($m)

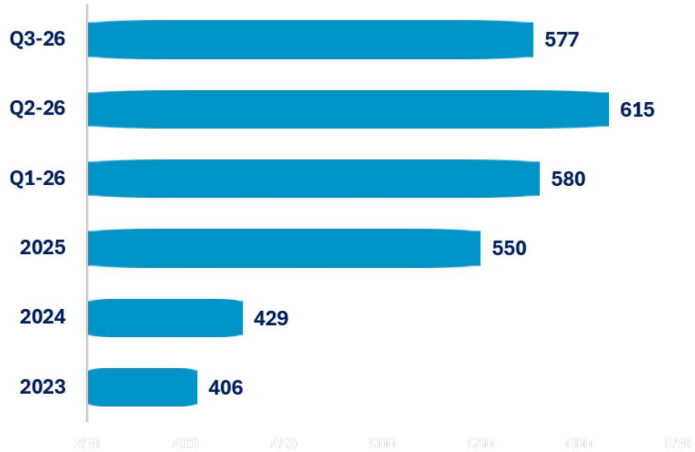


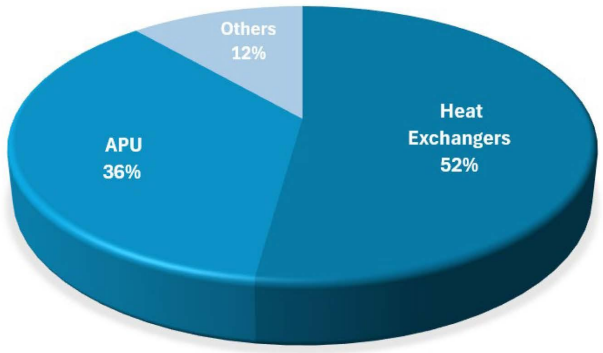
TAT Technologies

** United Airlines, Delta Airlines, American Airlines, JetBlue, Southwest, Alaska Air. Companies' filings.*

BACKLOG ($M)

Value of Long-Term Agreements (LTAs) and Backlog





(1) Value of LTAs calculated by taking the average annual order quantity for OEM components and MRO services for each customer and multiplying by prior year average revenue per order and remaining years in the agreement, adjusting for any forward guidance from customers

APPENDIX


75%
61%
Contact
Walk in
Buy
23021.11
12672.09
+40%
+51%
+28%
+72%
TAT
Technologies

EXPERIENCED AND PROVEN LEADERSHIP

Experienced senior management team with significant depth, longevity and industry experience.

AMOS MALKA

CHAIRMAN OF THE BOARD
Since 2016



Major General (ret.) Former Head of the Israeli Defense Intelligence and Commander of the IDF Ground Forces Command.
Retired 2002.

Previous Positions:
Chairman of the Board,
Logic Industries, Ltd.
Chairman of the Boards, Plasan Sasa, Ltd.
CEO, Elul Technologies, Ltd.

IGAL ZAMIR

PRESIDENT & CHIEF EXECUTIVE OFFICER
Since 2016



Previous Positions:
President, Mapco Express
(subsidiary of Delek US Holdings, Inc)
CEO, Metrolight, Ltd.
CEO, Rostam, Ltd

EHUD BEN YAIR

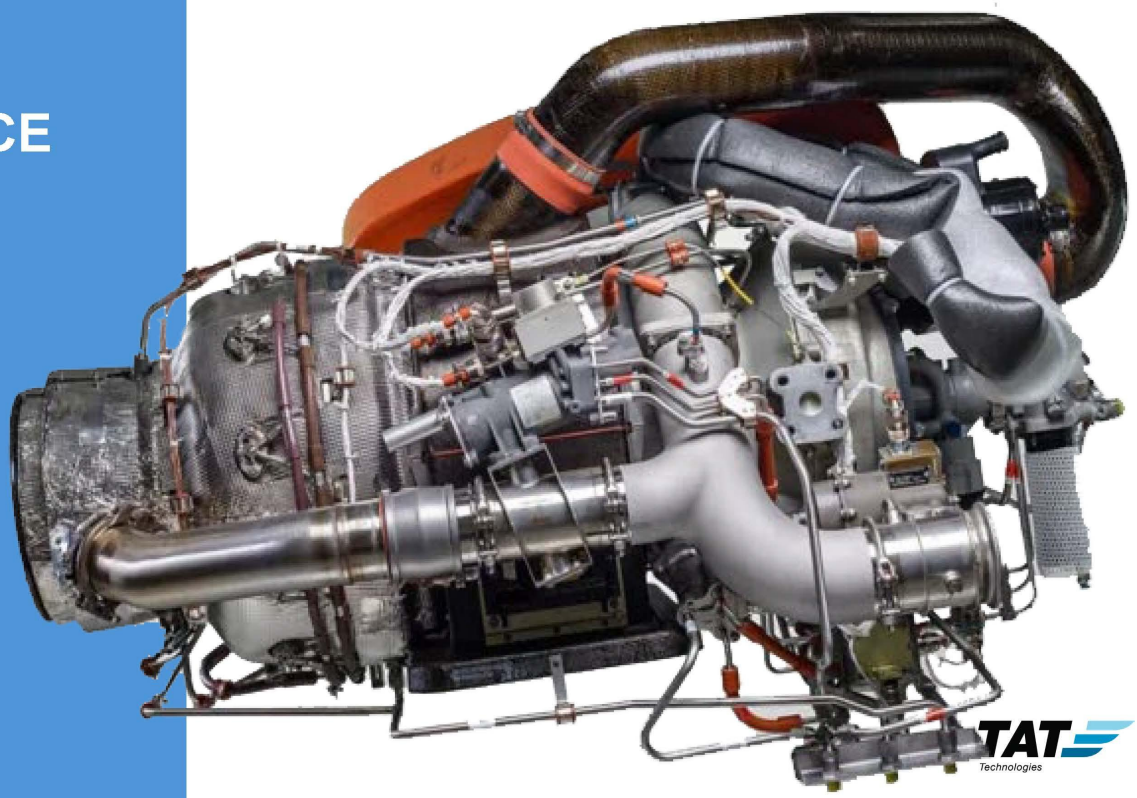
CHIEF FINANCIAL OFFICER
Since 2018



Previous Positions:
CFO, SHL Telemedicine (SHLTN)
CFO & Vice CEO, Opgal Optronics
(Subsidiary of Elbit Systems and Rafael)
CFO, Orad Hi Tech Systems (OHT)

TAT Technologies is dually listed on NASDAQ and on the Tel Aviv Stock Exchange

PRODUCT AND SERVICE OFFERINGS



THERMAL SOLUTIONS OVERVIEW

OEM Solutions & MRO Services



Delivers end-to-end thermal solutions:

- Design and manufacturing of high-performance OEM-certified systems and products for tier 1 aircraft and system manufacturers
- Specialized MRO services for both U.S. and international airlines and the majority of government aerospace & defense contractors in the U.S.

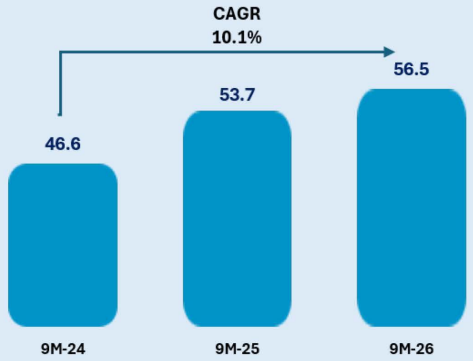
KEY CUSTOMERS

TEXTRON

EMBRAER

BOEING

REVENUE ($M)



TAT Technologies

THERMAL SOLUTIONS

Addressable Market

Short Term:

- The “After COVID” effect increased demand for flights, and a constrained supply of new aircraft is creating strong demand for Aviation MRO services
- Close and long-lasting relationships with clients and our multi-product offering as an OEM and MRO service provider enable us to gain market share by increasing our value proposition to customers
- R&D capabilities as an OEM enable us to participate in bids for new types of engines, aircraft platforms and technologies

Long Term:

- Intellectual capital from decades of experience in providing thermal components and solutions for integrators enables us to offer a holistic solution as a Thermal System OEM and MRO service provider
- Market-leading R&D capabilities in thermal solutions put us on the front line for future aviation designs, such as electrification of aircraft and eVTOL



APU SERVICES OVERVIEW

Maintenance, Repair & Overhaul (MRO)



OEM and licensed MRO service provider for multiple APU platforms representing over 25,000 aircrafts still in production

As a Honeywell authorized service partner, the Company is one of a few licensed providers, creating a significant commercial advantage and competitive position in the market

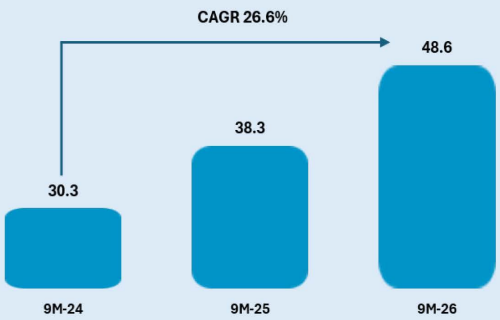
KEY CUSTOMERS

DHL

FedEx

ups

REVENUE ($M)



TAT Technologies

Quarterly figures may not sum to annual totals due to rounding

APU SERVICES
Addressable Market

STRATEGIC AGREEMENTS

MRO FOR B757/767, C17 APU	**1,500 AIRCRAFT** 10 year agreement	Estimated annual market size **$85M**(1)	SIGNED 09/2020
MRO FOR B777 APU	**CURRENTLY 1,600 AIRCRAFT PRODUCTION ONGOING** 10 year agreement	Estimated market size **$290M** annually(1)	SIGNED 12/2020
MRO FOR B737 & A 320 SERIES APU	**CURRENTLY 22,000 AIRCRAFT PRODUCTION ONGOING** 10 year agreement	Estimated market size **>$2,200M** annually(1) Production readiness First customer launched Q1-24	SIGNED 06/2021

Total Annual Addressable Market Size(1) > $2.5B

Engine	Platform	Current Annual Market Size	Current Annual Market Share
331-20X	B767, B757, C17	$85M	~45%
331-500	B777	$290M	~2%
131	B737, A319-20-21	$2,200M	<1%

331-20X



331-500



131



TAT Technologies

(1) From publicly available data provided by Boeing and Airbus, accessed as of April 2025, and Company management estimates

LANDING GEAR OVERVIEW

MRO Services

Provider of landing gear MRO services for systems across multiple platforms utilized in commercial airline, business jet and military markets

Maintain strategic agreements with and certifications from OEMs that ensure access to the landing gear market and ongoing opportunities within the following fleets of aircraft:



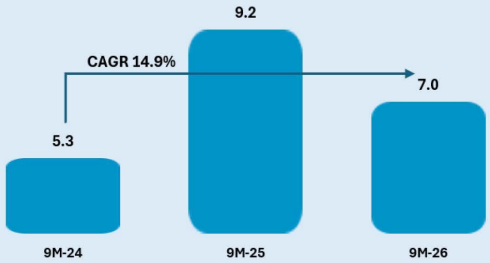
AUTHORIZED

Embraer – E170/175 aircraft
- **OEM** authorized U.S. provider

Gulfstream – G400 and G500
- **Exclusive** provider to Gulfstream

ATR – 42/72 aircraft

REVENUE ($M)



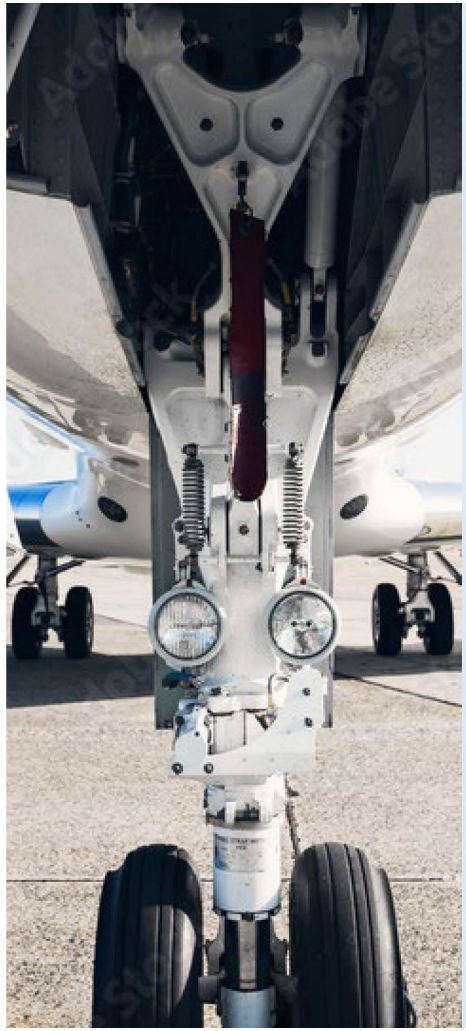
Quarterly figures may not sum to annual totals due to rounding

LANDING GEAR
Addressable Market

Growing demand for MRO services in landing gear

- Full in-house capabilities in MRO
  - Machining services
  - Plating services

- Resulting in lower cost



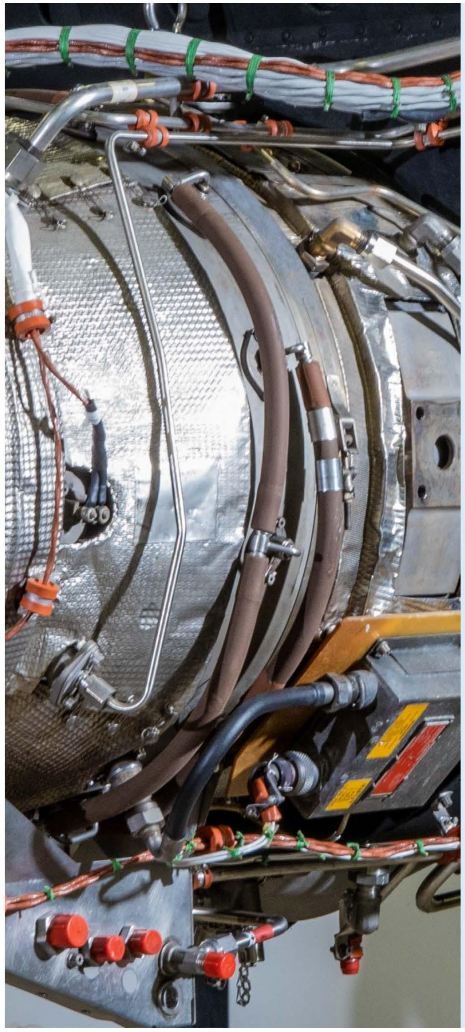
TRADING & LEASING

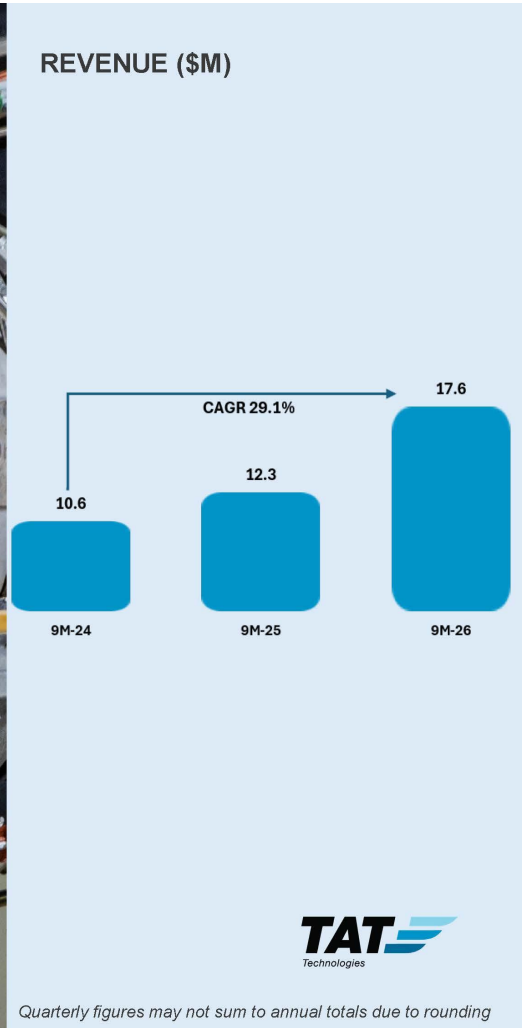
Leasing:
Lease inventory of 29 APU engines, including 331-500 utilized on the Boeing 777 aircraft

This service enables the Company to meet growing demand of our customers by helping them overcome the market shortage for APUs and related parts

Trading:
Trade APU parts, heat exchangers, landing gear and other parts across all TAT product lines and service offerings

Allows the Company to manage inventory efficiently as well as maintain an ongoing supply of the most in-demand parts

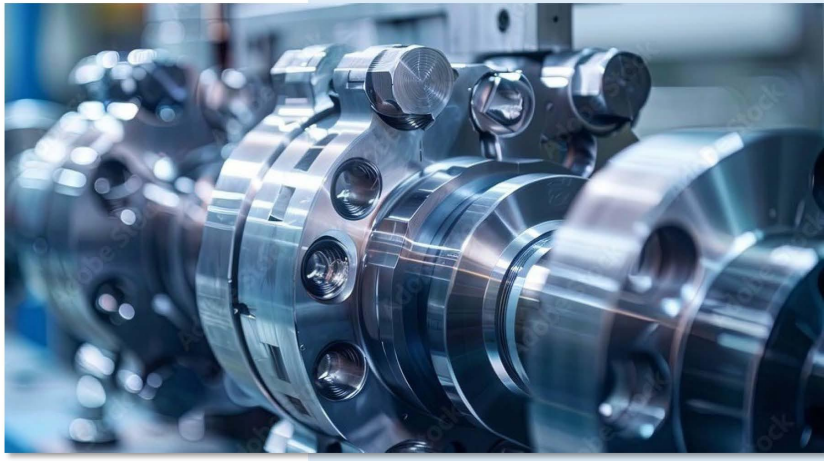




TRADING & LEASING

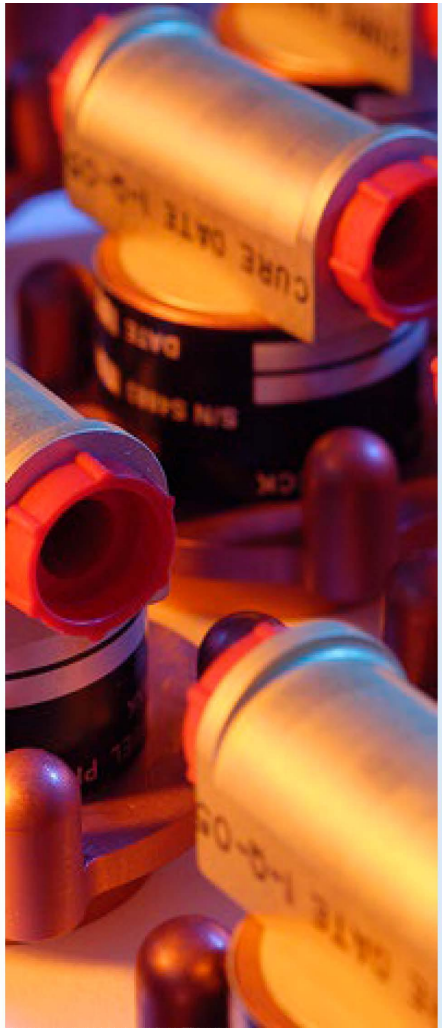
- Leasing – With a large and diversified pool of 29 APUs, we provide leasing solutions to our customers while leveraging our in-house MRO capabilities to support their ongoing operational needs and ensure high fleet availability

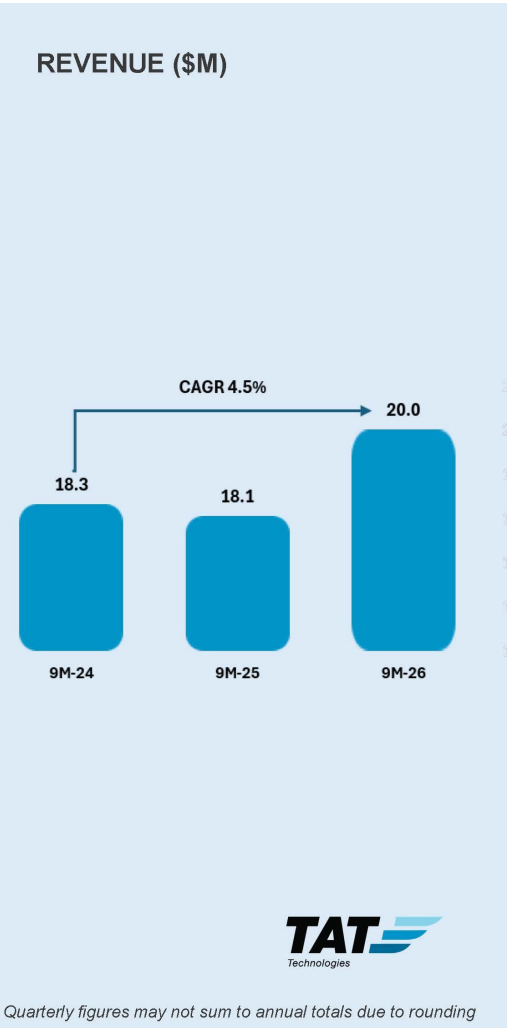
- Trading – As the industry suffers from supply chain challenges, our variety of solutions and in-house engineering capabilities, from small components such as valves and pumps through heat exchangers (OEM/MRO) to APU and landing gear MRO services, gives us a wide market reach to meet industry needs



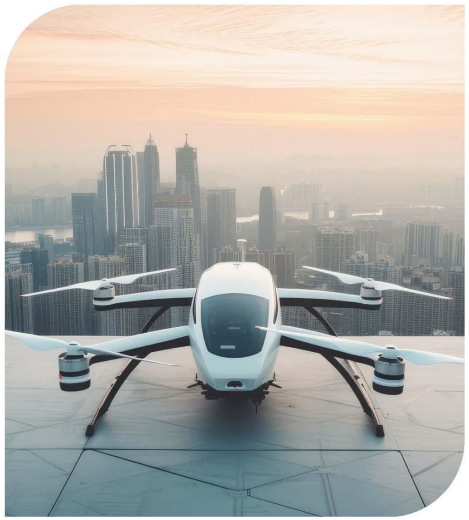
OTHER CAPABILITIES

- Nearly 50 years of experience developing fluid controls and accessories for defense and commercial platforms
- Provides highly qualified, durable and affordable Environmental Control Systems (ECS) for defense applications
- Utilizes advanced technologies to repair and recondition turbine components for both commercial and military applications as well as ground turbines
- One-stop-shop offering a multitude of specialized services for repair, refurbishment or remanufacturing of components

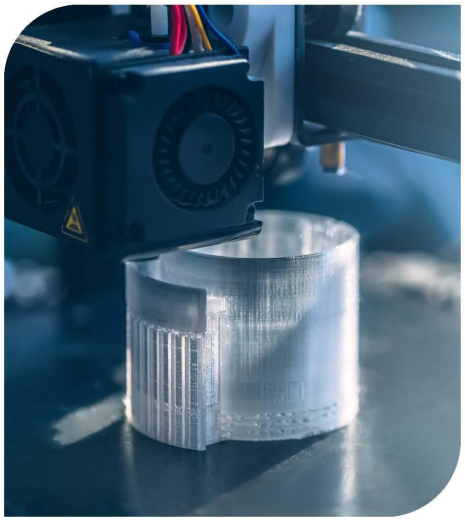




NEW TECHNOLOGIES
Future Growth Drivers



THERMAL SYSTEMS FOR ELECTRIC AIRCRAFT & AUTONOMOUS AIRCRAFT



ADDITIVE MANUFACTURING & 3D PRINTING



FULL THERMAL SOLUTIONS TO ENGINE HEADS

Financial



Q3 2026

Key Indicators

$M	Q3-26	Q2-26	Q1-26	Q4-25	Q3-25	Δ	Q3-26 YOY	9M-26	9M-25	Δ	9M-26 YOY
Revenue	**55.6**	52.9	41.1	46.5	**46.2**	↑	**20.2%**	**149.6**	131.5	↑	**14%**
Gross Profit	**17.2**	13.3	10.0	11.7	**11.6**	↑	**48.2%**	**40.5**	32.4	↑	**25%**
Gross Margin	30.9%	25.2%	24.4%	25.2%	**25.1%**	↑	580bp	27.1%	24.6%	↑	250bp
Operating Income	**9.0**	5.6	3.0	4.9	**5.3**	↑	**71.8%**	**17.6**	13.9	↑	**27%**
Operating Margin	16.3%	10.6%	7.3%	10.6%	**11.4%**	↑	490bp	11.8%	10.5%	↑	130bp
Net Income	**7.7**	4.7*	3.4	4.7	**4.8**	↑	**58.6%**	**19.7****	12.1	↑	**63%**
EPS (diluted, $)*	**0.58**	0.35*	0.26	0.36	**0.37**	↑	**57.8%**	**1.46****	1.02	↑	**17%**
Adjusted EBITDA	**10.9**	7.4*	4.9	6.9	**6.8**	↑	**60.9%**	**27.4****	18.6	↑	**48%**
Adjusted EBITDA Margin	**19.6%**	14.0%	11.8%	14.8%	**14.6%**			18.3%	14.1%	↑	420bp

(1) *Adjusted EBITDA and Adjusted EBITDA Margin are non-U.S. GAAP measures. Please see the appendix for a reconciliation of Adjusted EBITDA and Adjusted EBITDA Margin to the most comparable U.S. GAAP measures*

(2) * Net income, EPS and Adjusted EBITDA exclude a non-operating gain from the sale of a minority interest in an unconsolidated entity in the second quarter of 2026. Including the gain, EPS for the first 9 months of 2026, as reported, is $1.46 per diluted share.

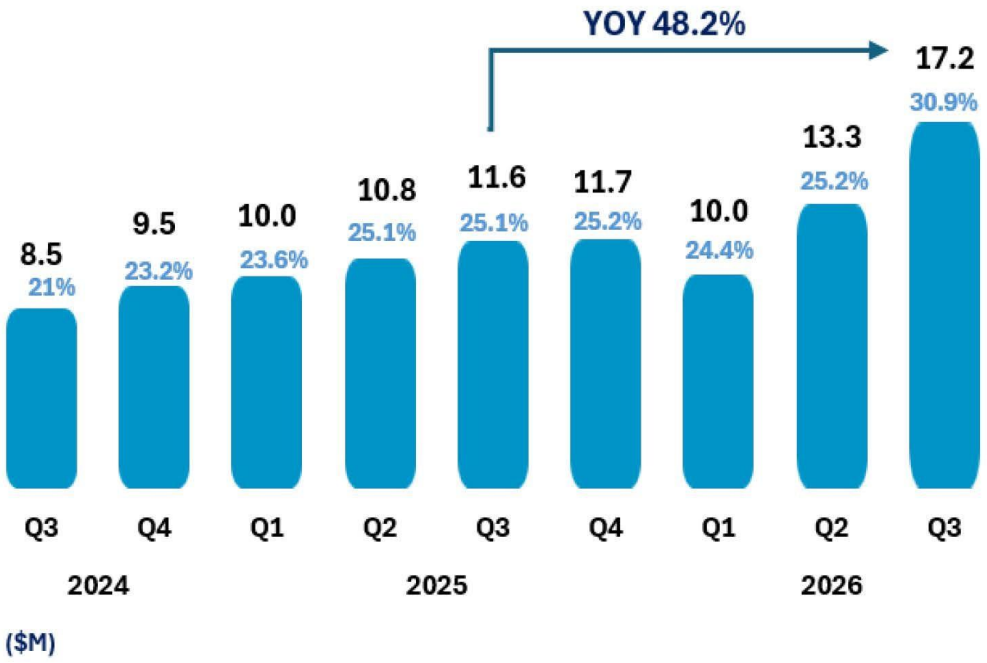
(3) ** Net income, EPS, and Adjusted EBITDA for the first nine months of 2026 include a the gain from the sale of First Aviation

REVENUE BY PRODUCT

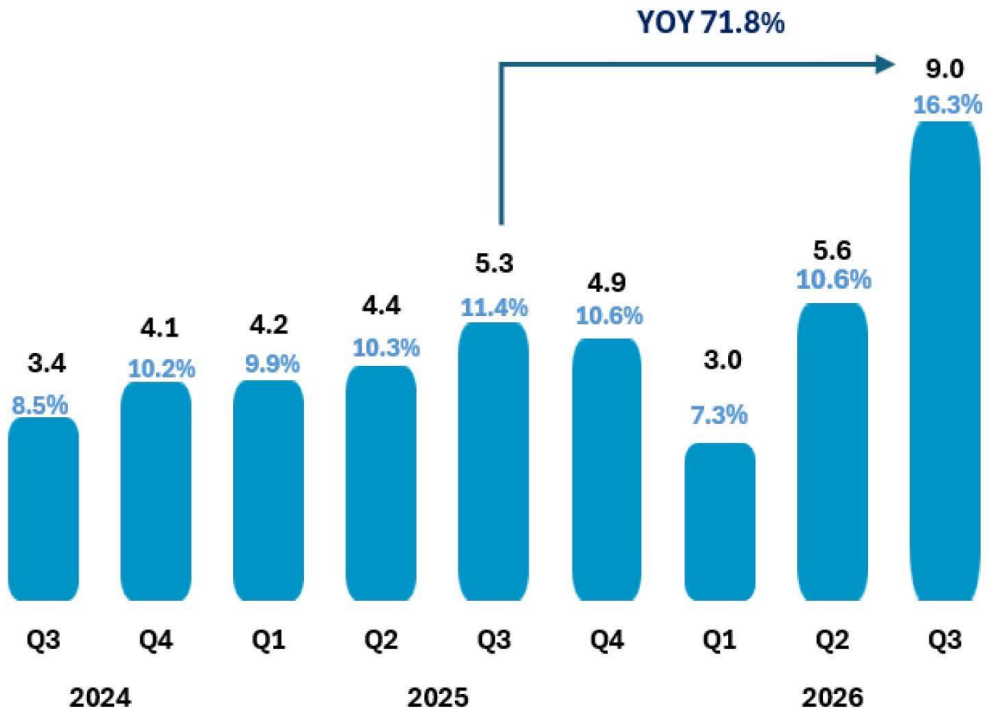
Revenue By Product ($M)	Q3-26	Q2-26	Q1-26	Q4-25	Q3-26 YOY %	9M-26	9M-25	9M-26 YOY %
Heat Exchange	18.8	19.1	18.5	16.6	7.3%	56.5	53.7	5.2%
APU	19.6	17.4	11.6	13.9	34.4%	48.6	38.3	26.8%
Trading & Leasing	8.0	6.9	2.7	6.1	85.5%	17.6	12.3	42.9%
Landing Gears	2.1	2.8	2.0	3.3	-45.4%	7.0	9.2	-23.8%
Others	7.1	6.7	6.2	6.6	18.3%	20.0	18.1	10.9%
Total Revenue	55.6	52.9	41.1	46.5	20.2%	149.6	131.5	13.8%

Quarterly figures may not sum to annual totals due to rounding.

GROSS PROFIT AND GROSS PROFIT MARGIN

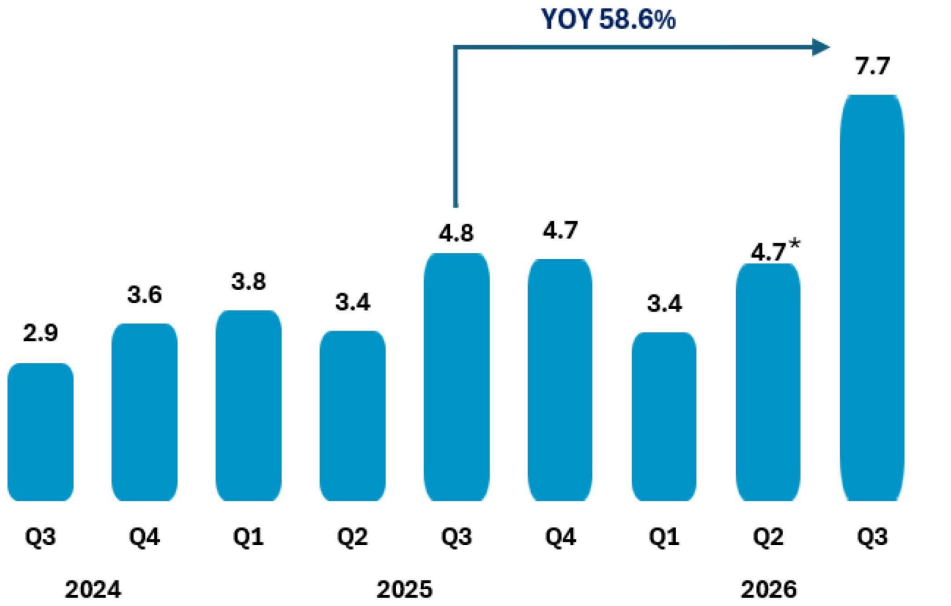


OPERATING INCOME and MARGINS ($m)



NET INCOME ($m)

Expanding Profitability



*Q2-2026 excludes a one-time gain of $3.9M. Net income, including the one-time sale, was $8.1M

CASH FLOW

Cash Flow ($M)	Q3-26	Q3-25	9M-26	9M-25
Net cash provided by (used in) operating activities	3.77	7.50	5.16	9.41
Net cash used in investing activities	(4.41)	(2.74)	(2.47)	(8.91)
Net cash provided by financing activities	(0.26)	(0.84)	(0.52)	39.46
Net increase (decrease) in cash and cash equivalents	(0.90)	3.92	2.17	39.96
Cash and cash equivalents at the beginning of the year	54.63	43.47	51.57	7.43
Cash and cash equivalents at the end of the year	53.73	47.39	53.73	47.39

BALANCE SHEET HIGHLIGHTS

Strong Balance Allows Future Leverage

Leverage Metrics ($M)	Q3-26	Q2-26	Q1-26	FY25
Shareholders' Equity	**196.8**	188.9	180.5	176.4
Total Assets	**254.7**	246.6	232.8	226.7
Equity-to-Assets Ratio	**0.77**	0.77	0.78	0.78
Net (Debt) Cash	**42.6**	**43.2**	**40.0**	**39.6**

Working Capital ($M)	Q3-26	Q2-26	Q1-26	FY25
Accounts Receivable	**35.7**	38.8	30.5	33.4
Inventory	**95.3**	85.2	81.7	75.5
Less: Accounts Payable	**(17.8)**	(18.5)	(15.5)	(13.0)
Operating Working Capital	**113.3**	**105.5**	**96.7**	**96.0**

RECONCILIATION OF NET INCOME TO ADJUSTED EBITDA (NON-GAAP) (UNAUDITED)

$M	Q3-26	Q2-26	Q1-26	Q4-25	Q3-25
Net Income	7.68	8.07	3.40	4.73	4.84
Adjustments:					
Affiliated Companies	(0.34)	(0.59)	(0.52)	(0.51)	(0.37)
Taxes on Income	1.76	1.91	0.15	0.52	0.82
Financial Expense net	(0.06)	0.55	(0.04)	0.21	(0.03)
D&A	1.36	1.45	1.37	1.39	1.33
Share base compensation	0.48	0.36	0.49	0.55	0.17
Gain on sale of equity investment		-4.32			
Adjusted EBITDA	**10.88**	**7.43**	**4.85**	**6.88**	**6.76**
Adjusted EBITDA Margin	19.6%	14.0%	11.8%	14.8%	14.6%