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

FORM 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 November 2026
Commission File Number: 001-40884

ARBE ROBOTICS LTD.
(Translation of registrant's name into English)

HaHashmonaim St. 107
Tel Aviv-Yafo, Israel
Tel: +972-73-7969804, ext. 200
(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 ☐

INFORMATION CONTAINED IN THIS CURRENT REPORT ON FORM 6-K

On November 19, 2026, Arbe Robotics Ltd. ("Arbe" or the "Company") issued a press release announcing the results of its operations for the quarter ended September 30, 2026, which press release is furnished as Exhibit 99.1

As previously announced, the Company will host a live conference call on November 19, 2026 at 8:30 a.m. Eastern Time to discuss its financial results for the quarter ended September 30, 2026. Speakers will include Kobi Marenko, President and Co-Founder, Ram Machness, Chief Executive Officer, and Assaf Pereg, Chief Financial Officer. Interested persons can register in advance at https://dpregister.com/sreg/10212905/105271a6152. Log-in instructions will be available upon registering for the event. Participants may register at any time, including up to and after the call start time. The live call may be accessed via telephone toll free in the United States at 1-844-481-3015, toll-free in Israel at +972 3-374-1008 and toll-free internationally at +1 (412) 317-1880. The call will be webcast live and accessible from https://event.choruscall.com/mediaframe/webcast.html?webcastid=1F8qyIqx or from Arbe's Investor Relations website at: https://ir.arberobotics.com. An archived webcast of the conference call can be accessed at Arbe's Investor Relations website at: https://ir.arberobotics.com on the day following the call.

Incorporation by Reference

The consolidated balance sheets at September 30, 2026 (unaudited) and December 31, 2025, the unaudited consolidated statements of operations for the three and nine months ended September 30, 2026 and 2025, and the unaudited consolidated statements of cash flows for the three and nine months ended September 30, 2026 and 2025, which are exhibits to Exhibit 99.1 are incorporated by reference in any registration statements on Form F-3 or Form S-8 that incorporate by reference material filed by the Company with the SEC.

Cautionary Note Regarding Forward-Looking Statements

The press release furnished as an exhibit to this Form 6-k contains, and the conference call described in the press release will contain, "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, both as amended by the Private Securities Litigation Reform Act of 1995. The words "expect," "believe," "estimate," "intend," "plan," "anticipate," "may," "should," "strategy," "future," "will," "project," "potential" and similar expressions indicate forward-looking statements. Forward-looking statements are predictions, projections and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. These risks and uncertainties include our ability to transition to a scaled production company, to expand our presence in Level 4 robotaxi, robotruck and autonomous commercial and off-road vehicle and anti-drone and other defense markets, and to advance OEM and Tier 1 programs, to successfully develop and market our products in various other markets including perimeter-security, counter-drone, defense and physical AI fields; whether and when we secure the orders we anticipate and the extent of any orders we receive in the various markets we are targeting; our ability to meet expectations with respect to our financial guidance and outlook; the timing and completion of key product and project orders and milestones; expectations regarding our collaborations and business with third parties; the effect of tariffs and trade policies of the United States, China and other countries, whether announced or implemented; the effect on the Israeli economy generally and on the Company's business resulting from terrorism and hostilities in Israel and with its neighboring countries including the effects of the continuing conflict with Hamas in Gaza despite the ceasefire and any intensification of hostilities with others, including Iran and Hezbollah, and the effect of the call-up of a significant portion of its working population, including the Company's employees; the effect of any potential boycott both of Israeli products and business and of stocks in Israeli companies; the effect of any action Iran or Hezbollah may take against Israel in the event the ceasefire with Iran ends; the effect of any downgrading of the Israeli economy and the effect of changes in the exchange rate between the US dollar and the Israeli shekel; the effects of any sanctions and other actions taken by governments against Israel and the risks and uncertainties described in "Cautionary Note Regarding Forward-Looking Statements," "Item 3. Key Information – D. Risk Factors" and "Item 5. Operating and Financial Review and Prospects" and in the Company's Annual Report on Form 20-F for the year ended December 31, 2025, which was filed with the Securities and Exchange Commission (the "SEC") on March 27, 2026, as well as other documents filed by the Company with the SEC. Accordingly, you are cautioned not to place undue reliance on these forward-looking statements. Forward-looking statements relate only to the date they were made, and the Company does not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made except as required by law or applicable regulation.

Information contained on, or that can be accessed through, the Company's website or any other website or any social media is expressly not incorporated by reference into and is not a part of this press release.

Exhibit Index

Exhibit No.	Document Description
99.1	Press release dated November 19, 2026
101.INS	Inline XBRL Instance Document.
101.SCH	Inline XBRL Taxonomy Extension Schema Document.
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document.
101.DEF	Inline XBRL Taxonomy Definition Linkbase Document.
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)

SIGNATURE

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

ARBE ROBOTICS LTD.

Date: November 19, 2026

By: /s/ Ram Machness
Name: Ram Machness
Title: CEO

Exhibit 99.1



Arbe Announces Third Quarter 2026 Financial Results

TEL AVIV, Israel, November 19, 2026 - Arbe Robotics Ltd. (NASDAQ: ARBE) (TASE: ARBE), a global leader in ultra-high-resolution radar solutions, today announced financial results for its third quarter ended September 30, 2026.

Recent Highlights

- **Level 3 automotive program win:** One of the world's largest automotive groups selected Hirain's imaging radar, powered by Arbe's chipset, for a Level 3 passenger vehicle program across multiple brands in China. Series-production radar deliveries are scheduled to begin in the fourth quarter of 2027, putting Arbe on a defined path to automotive mass production.

- **Defense program advances to orders and deliveries:** During the quarter, a leading global defense and homeland security system integrator selected Arbe for three civilian and defense projects under a framework agreement. Since the announcement, Arbe has received initial orders and delivered radar systems.

- **Alerion counter-drone radar launched:** Arbe introduced Alerion, an ultra-high-resolution counter-drone radar, designed to detect small, low-flying threats, including hard-to-detect autonomous and fiber-optic drones. Alerion has been field-tested and is built to protect critical infrastructure and defense assets. As the threat continues to escalate, industry analysts expect significant growth in the global counter-UAS (Unmanned Aircraft Systems) market over the coming years.

- **Early defense momentum:** Shortly after entering the defense market, Arbe is already seeing commercial engagement. Beyond the projects with the global system integrator described above, Arbe has initiated two additional integration projects addressing immediate customer needs and is in early-stage evaluations for more than eight projects.

- **Off road autonomy:** During the quarter, Arbe's Tier 1, Sensrad, announced a collaboration with VirtuRail to integrate its radar system, based on Arbe's chipset, into automated tunnel construction vehicles operating in dust, smoke and darkness.

- **$15 million capital raise:** Arbe closed a $15 million underwritten registered direct offering led by two leading US institutional investors, including AWM's Special Situations Funds, one of the major shareholders of Arbe. Together with a reduced quarterly cash burn, the proceeds strengthen Arbe's financial position and support scaling for its Level 3 automotive program, expansion into the defense segment and other growth initiatives.

- **New Chief Financial Officer:** Arbe appointed Assaf Pereg, CPA, as Chief Financial Officer, effective August 30, 2026. He brings Arbe nearly 20 years of financial leadership experience in both US-listed public technology companies and start-ups.

Management Comments

Ram Machness, CEO of Arbe, commented, "The third quarter was a turning point for Arbe. Our Level 3 program win with one of the world's largest automotive groups validates years of development and testing and puts us on the path to automotive mass production. Furthermore, our $15 million capital raise, led by institutional investors, shows continued trust in our ongoing strategic plan."

"Building on our leading chipset technology, we are expanding our radar system portfolio beyond automotive, a key strategic step that opens new markets for us. Alongside Phoenix, our automotive radar system, this quarter we launched Alerion, our counter-drone radar. Alerion finds small, low-flying drones, including autonomous and fiber-optic drones that are hard for other sensors to detect. This strategy is already showing early results: a leading global system integrator selected us for three projects, and we have received orders and delivered systems, with more integration projects already underway. Defense and counter-drone programs have shorter sales cycles, and they are additive and complement our long-term automotive business. Our focus now is on turning customer interest into revenue."

Third Quarter 2026 Financial Results Highlights

Revenues for Q3 2026 were $0.8 million, compared to $0.3 million in Q3 2025.

Gross profit for Q3 2026 was approximately break-even, compared to a gross loss of $0.2 million in Q3 2025.

Operating expenses in Q3 2026 were $9.1 million, compared to $11.3 million in Q3 2025.

The lower expenses were primarily driven by lower share-based compensation expenses and lower labor costs paid this quarter, compared to Q3 2025. Operating loss in Q3 2026 was $9.1 million, compared to an $11.5 million loss in Q3 2025.

Net loss in Q3 2026 decreased to $9.0 million, compared to a net loss of $11.0 million in Q3 2025.

Adjusted EBITDA for Q3 2026, a non-GAAP measure that excludes expenses for non-cash share-based compensation and non-recurring items, improved to a loss of $8.0 million, compared with a loss of $9.2 million in Q3 2025.

Management believes that this non-GAAP measurement is important in evaluating our use of cash and in planning our cash requirements in the coming period.

Balance Sheet and Liquidity Highlights

As of September 30, 2026, Arbe had $48.0 million in cash, cash equivalents, long-term and short-term bank deposits. These include the $13.8 million net proceeds of the offering completed in September 2026.

As of September 30, 2026, Arbe had $46.3 million in shareholders' equity.

The Company remains in compliance with the financial covenants set forth in the convertible debentures and holds cash substantially above the minimum threshold.

Outlook

Arbe is updating its full-year 2026 outlook provided in February 2026.

Based on current market conditions and customer engagement visibility, the Company's outlook for 2026 is as follows:

- Revenue in the range of $2.3 million to $3.0 million. The revised range reflects the timing of two integration projects, for which deliveries and related revenue recognition were originally expected in the fourth quarter of 2026 and have shifted to 2027.

- Adjusted EBITDA for 2026 is projected to be a loss in the range of $34 million to $35 million. The revised range reflects lower expected revenue for 2026 and the Company's strategic investment in building a production line for radar systems and in building inventory to position the Company for potential order growth in the coming year.

This outlook reflects management's current expectations as of today and is subject to change based on market conditions, customer adoption timelines, and other factors.

Conference Call and Webcast Details

Arbe will host a conference call and webcast today, November 19, 2026, at 8:30 a.m. Eastern Time. Speakers will include Kobi Marenko, President and Co-Founder, Ram Machness, Chief Executive Officer, and Assaf Pereg, Chief Financial Officer.

The live call may be accessed via:

U.S. Toll Free: 1-844-481-3015

International: 1-412-317-1880

Israel: +972 3-374-1008

The Company encourages participants to pre-register for the conference call using the following link:

https://dpregister.com/sreg/10212905/105271a6152

Participants may pre-register at any time, including up to and after the call start time.

A live webcast of the call can be accessed from the following link: https://event.choruscall.com/mediaframe/webcast.html?webcastid=1F8qyIqx

The day after the call, an archived webcast of the call can be accessed from Arbe's Investor Relations website at: https://ir.arberobotics.com.



About Arbe

Arbe (Nasdaq: ARBE), a global leader in ultra-high-resolution radar solutions, is redefining radar as a core sensing platform for next-generation mobility and advanced sensing applications. Arbe's complete radar technology stack, from proprietary chipsets to radar systems and AI algorithms that produce perception-ready data, delivers the detail and real-time processing that demanding sensing applications require. Arbe enables OEMs, Tier-1s, and defense integrators to build more capable perception systems for passenger vehicles, robotaxis, heavy machinery, counter-drone systems, and unmanned ground vehicles.

Headquartered in Tel Aviv, Israel, the company also operates offices in the United States, Germany, and China. For more information, visit https://arberobotics.com/

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Investor Relations:

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CONSOLIDATED BALANCE SHEETS
(U.S. dollars in thousands)

	September 30, 2026	December 31, 2025
Current Assets:	**(Unaudited)**	
Cash and cash equivalents	7,608	4,028
Restricted cash	280	280
Short term bank deposits	27,520	40,690
Trade receivable	918	571
Other assets – funds held in escrow	25,318	24,525
Derivative assets	105	-
Prepaid expenses and other receivables	1,896	1,685
Total current assets	**63,645**	**71,779**
Non-Current Assets		
Operating lease right-of-use assets	1,357	893
Long term bank deposits	12,550	-
Property and equipment, net	937	1,176
Total non-current assets	**14,844**	**2,069**
Total assets	**78,489**	**73,848**
Current liabilities:		
Trade payables	518	774
Operating lease liabilities	501	679
Employees and payroll accruals	3,932	3,706
Convertible bonds	24,273	24,757
Accrued expenses and other payables	1,768	2,950
Derivative Liabilities	66	50
Total current liabilities	**31,058**	**32,916**
Long term liabilities		
Operating lease liabilities	1,178	1,351
Warrant Liability - ITAC	-	12
Total long-term liabilities	**1,178**	**1,363**
SHAREHOLDERS' EQUITY:		
Ordinary Shares	*)	*)
Capital & Premium	373,137	338,947
Accumulated Deficit	(326,884)	(299,378)
Total shareholders' equity	**46,253**	**39,569**
Total liabilities and shareholders' equity	**78,489**	**73,848**

*) Represents less than $1.

CONSOLIDATED STATEMENTS OF OPERATIONS

(U.S. dollars in thousands, except share and per share data)

	3 Months Ended September 30, 2026	3 Months Ended September 30, 2025	9 Months Ended September 30, 2026	9 Months Ended September 30, 2025
	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)
Revenues	752	254	1,916	568
Cost of revenues	735	497	2,032	1,294
Gross profit (loss)	**17**	**(243)**	**(116)**	**(726)**
Operating Expenses:				
Research and development, net	6,582	8,250	21,694	26,159
Sales and marketing	783	1,239	3,090	3,917
General and administrative	1,725	1,779	5,351	5,550
Total operating expenses	**9,090**	**11,268**	**30,135**	**35,626**
Operating loss	**(9,073)**	**(11,511)**	**(30,251)**	**(36,352)**
Financing income, net	(83)	(476)	(2,745)	(1,341)
Net loss	**(8,990)**	**(11,035)**	**(27,506)**	**(35,011)**
Basic net loss per ordinary share	(0.07)	(0.10)	(0.22)	(0.32)
Weighted-average number of ordinary shares used in computing basic net loss per ordinary share	129,431,404	112,641,907	126,920,990	110,783,504
Diluted net loss per ordinary share	(0.07)	(0.10)	(0.22)	(0.32)
Weighted-average number of ordinary shares used in computing diluted net loss per ordinary share	129,431,404	112,641,907	126,920,990	110,783,504

CONSOLIDATED STATEMENTS OF CASH FLOWS

(U.S. dollars in thousands)

	3 Months Ended September 30, 2026	3 Months Ended September 30, 2025	9 Months Ended September 30, 2026	9 Months Ended September 30, 2025
Cash flows from operating activities:	**(Unaudited)**	**(Unaudited)**	**(Unaudited)**	**(Unaudited)**
Net Loss	(8,990)	(11,035)	(27,506)	(35,011)
Adjustments to reconcile loss to net cash used in operating activities:				
Depreciation	113	137	356	404
Share-based compensation	926	2,002	3,148	7,575
Warrants to service providers	55	154	146	518
Revaluation of warrants	(4)	(85)	(12)	(92)
Revaluation of convertible bonds	226	(51)	(251)	562
Finance income	(378)	(1,834)	(2,235)	(3,897)
Change in operating assets and liabilities:				
Increase in trade receivable	(111)	(93)	(347)	(224)
Decrease (increase) in prepaid expenses and other receivables	(163)	163	(211)	699
Operating lease ROU assets and liabilities, net	(24)	243	(63)	347
Increase (decrease) in trade payables	58	(91)	(316)	(191)
Increase (decrease) in employees and payroll accruals	(188)	(992)	226	(705)
Increase (decrease) in Derivative Liabilities / Assets	53	(190)	(89)	57
Increase (decrease) in accrued expenses and other payables	659	525	(1,182)	850
Net cash used in operating activities	(7,768)	(11,147)	(28,336)	(29,108)
Cash flows from investing activities:				
Change in Bank deposits	(3,360)	8,543	1,350	(33,794)
Purchase of property and equipment	(13)	(153)	(57)	(274)
Net cash provided by (used in) investing activities	(3,373)	8,390	1,293	(34,068)
Cash flows from financing activities:				
Proceeds from issuance of ordinary shares, net of issuance costs	13,759	-	30,840	30,758
Proceeds from the conversion of convertible bonds	-	-	-	21,696
Proceeds from exercise of warrants	-	-	-	493
Proceeds from exercise of options	-	-	56	440
Redemption of convertible notes upon voluntary conversion	-	-	(233)	-
Net cash provided by financing activities	13,759	-	30,663	53,387
Increase (decrease) in cash, cash equivalents and restricted cash	2,618	(2,757)	3,620	(9,789)
Effect of exchange rate fluctuations on cash and cash equivalent	(47)	161	(40)	309
Cash, cash equivalents and restricted cash at the beginning of period	5,317	6,884	4,308	13,768
Cash, cash equivalents and restricted cash at the end of period	7,888	4,288	7,888	4,288

RECONCILIATION OF GAAP NET LOSS TO NON-GAAP NET LOSS

(U.S. dollars in thousands, except share and per share data)

	3 Months Ended September 30, 2026	3 Months Ended September 30, 2025	9 Months Ended September 30, 2026	9 Months Ended September 30, 2025
GAAP net loss attributable to ordinary shareholders	(8,990)	(11,035)	(27,506)	(35,011)
Add:				
Share-based compensation	926	2,002	3,148	7,575
Warrants to service providers	55	154	146	518
Revaluation of warrants and accretion	(4)	(85)	(12)	(92)
Convertible bonds accretion	226	(51)	(251)	562
Non-recurring expenses related to convertible bonds	-	-	-	960
Non-GAAP net loss	**(7,787)**	**(9,015)**	**(24,475)**	**(25,488)**
Basic Non-GAAP net loss per ordinary share	(0.06)	(0.08)	(0.19)	(0.23)
Weighted-average number of shares used in computing basic Non-GAAP net loss per ordinary share	129,431,404	112,641,907	126,920,990	110,783,504
Diluted Non-GAAP net loss per ordinary share	(0.06)	(0.08)	(0.19)	(0.23)
Weighted-average number of shares used in computing diluted Non-GAAP net loss per ordinary share	129,431,404	112,641,907	126,920,990	110,783,504

RECONCILIATION OF GAAP NET LOSS TO ADJUSTED EBITDA

(U.S. dollars in thousands)

	3 Months Ended September 30, 2026	3 Months Ended September 30, 2025	9 Months Ended September 30, 2026	9 Months Ended September 30, 2025
GAAP net loss attributable to ordinary shareholders	(8,990)	(11,035)	(27,506)	(35,011)
Add:				
Financial income, net	(83)	(476)	(2,745)	(1,341)
Depreciation	113	137	356	404
Share-based compensation	926	2,002	3,148	7,575
Warrants to service providers	55	154	146	518
Adjusted EBITDA	**(7,979)**	**(9,218)**	**(26,601)**	**(27,855)**