

ASML HOLDING NV  
Form 6-K  
January 20, 2005

**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

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**FORM 6-K**  
REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13A-16 OR 15D-16  
OF THE SECURITIES EXCHANGE ACT OF 1934  
for January 2005

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**ASML Holding N.V.**

De Run 6501  
5504 DR Veldhoven  
The Netherlands  
*(Address of principal executive offices)*

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

Form  Form   
20-F 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If  Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

THIS REPORT ON FORM 6-K IS INCORPORATED BY REFERENCE IN THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-116337), THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-105600) AND THE REGISTRATION STATEMENT ON FORM S-8 (FILE NO. 333-109154) OF ASML HOLDING N.V.

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**Exhibits**

- 99.1 ASML Announces 2004 Fourth Quarter Annual Results , dated January 19, 2005.
- 99.2 Summary Consolidated Statements of Operations.

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Safe Harbor Statement under the U.S. Private Securities Litigation Reform Act of 1995: the matters discussed in this document may include forward-looking statements that are subject to risks and uncertainties including, but not limited to, economic conditions, product demand and semiconductor industry capacity, worldwide demand and manufacturing capacity utilization for semiconductors (the principal product of our customer base), competitive products and pricing, manufacturing efficiencies, new product development, ability to enforce patents, the outcome of intellectual property litigation, availability of raw materials and critical manufacturing equipment, trade environment, and other risks indicated in the risk factors included in ASML's Annual Report on Form 20-F and in other filings with the U.S. Securities and Exchange Commission.

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### SIGNATURES

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.

ASML HOLDING N.V. (Registrant)

Date: January 20, 2005

By: /s/ Peter T.F.M. Wennink

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Peter T.F.M. Wennink  
Executive Vice President  
and Chief Financial Officer