

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 3)*

ASCENT INDUSTRIES CO.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

871565107

(CUSIP Number)

06/30/2025

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
☒ Rule 13d-1(c)
☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 871565107

1	Names of Reporting Persons Mink Brook Partners LP
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 399,030.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 399,030.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 399,030.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 4.2 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: (1) This percentage is calculated based upon 9,500,994 shares outstanding as of 5/16/25 disclosed in its recent 8-K

SCHEDULE 13G

CUSIP No.	871565107
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1	Names of Reporting Persons Mink Brook Opportunity Fund LP	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 400,970.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 400,970.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 400,970.00	

10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>
11	Percent of class represented by amount in row (9) 4.2 %
12	Type of Reporting Person (See Instructions) OO

Comment for Type of Reporting Person: (1) This percentage is calculated based upon 9,500,994 shares outstanding as of 5/16/25 disclosed in its recent 8-K

SCHEDULE 13G

CUSIP No.	871565107
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1	Names of Reporting Persons Mink Brook Capital GP LLC	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 800,000.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 800,000.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 800,000.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 8.4 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: (1) This percentage is calculated based upon 9,500,994 shares outstanding as of 5/16/25 disclosed in its recent 8-K

SCHEDULE 13G

CUSIP No.	871565107
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1	Names of Reporting Persons William Mueller	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 800,000.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 800,000.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 800,000.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 8.4 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: (1) This percentage is calculated based upon 9,500,994 shares outstanding as of 5/16/25 disclosed in its recent 8-K

SCHEDULE 13G

CUSIP No.	871565107
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1	Names of Reporting Persons Mink Brook Asset Management LLC	
2	Check the appropriate box if a member of a Group (see instructions) <input type="checkbox"/> (a) <input checked="" type="checkbox"/> (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization DELAWARE	

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 800,000.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 800,000.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 800,000.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) <input type="checkbox"/>	
11	Percent of class represented by amount in row (9) 8.4 %	
12	Type of Reporting Person (See Instructions) OO	

Comment for Type of Reporting Person: (1) This percentage is calculated based upon 9,500,994 shares outstanding as of 5/16/25 disclosed in its recent 8-K

SCHEDULE 13G

Item 1.

- (a) **Name of issuer:**
ASCENT INDUSTRIES CO.
- (b) **Address of issuer's principal executive offices:**
20 N. MARTINGALE RD, SUITE 430, SCHAUMBURG, ILLINOIS, 60173.

Item 2.

- (a) **Name of person filing:**
Mink Brook Partners LP
Mink Brook Opportunity Fund LP
Mink Brook Capital GP LLC
William Mueller
Mink Brook Asset Management LLC
- (b) **Address or principal business office or, if none, residence:**
201 Summa Street
West Palm Beach, FL 33405
- (c) **Citizenship:**
Mink Brook Partners LP - Delaware
Mink Brook Opportunity Fund LP - Delaware
Mink Brook Capital GP LLC - Delaware
William Mueller - Florida
Mink Brook Asset Management LLC - Delaware
- (d) **Title of class of securities:**
Common Stock
- (e) **CUSIP No.:**
871565107

Item 4. Ownership

(a) Amount beneficially owned:

As of the close of business on June 30, 2025, Mink Brook Partners LP and Mink Brook Opportunity Fund LP held an aggregate of 800,000 shares of the common stock of the Issuer. As the general partner to both Mink Brook Partners LP and Mink Brook Opportunity Fund LP, Mink Brook Capital GP LLC may be deemed to have shared power to vote or to direct the vote and to dispose or to direct the disposition of the shares held by Mink Brook Partners LP and Mink Brook Opportunity Fund LP. As the managing member of Mink Brook Capital GP LLC and Mink Brook Asset Management, LLC, William Mueller may be deemed to have shared power to vote or to direct the vote and to dispose or to direct the disposition of the shares held by Mink Brook Partners LP and Mink Brook Opportunity Fund LP.

Neither the filing of this Schedule 13G nor any of its contents shall be deemed to constitute an admission that Mr. Mueller or Mink Brook Capital GP LLC is the beneficial owner of the shares of the common stock of the Issuer referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and such beneficial ownership is expressly disclaimed, except to the extent of their respective pecuniary interests therein.

(b) Percent of class:

Mink Brook Partners LP - 4.20%
Mink Brook Opportunity Fund LP - 4.22%
Mink Brook Capital GP LLC - 8.42%
William Mueller - 8.42%
Mink Brook Asset Management LLC - 8.42%
%

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

Mink Brook Partners LP - 0
Mink Brook Opportunity Fund LP - 0
Mink Brook Capital GP LLC - 0
William Mueller - 0
Mink Brook Asset Management LLC - 0

(ii) Shared power to vote or to direct the vote:

Mink Brook Partners LP - 399,030
Mink Brook Opportunity Fund LP - 400,970
Mink Brook Capital GP LLC - 800,000
William Mueller - 800,000
Mink Brook Asset Management LLC - 800,000

(iii) Sole power to dispose or to direct the disposition of:

Mink Brook Partners LP - 0
Mink Brook Opportunity Fund LP - 0
Mink Brook Capital GP LLC - 0
William Mueller - 0
Mink Brook Asset Management LLC - 0

(iv) Shared power to dispose or to direct the disposition of:

Mink Brook Partners LP - 399,030
Mink Brook Opportunity Fund LP - 400,970
Mink Brook Capital GP LLC - 800,000
William Mueller - 800,000
Mink Brook Asset Management LLC - 800,000

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Mink Brook Partners LP

Signature: /s/ William Mueller
Name/Title: William Mueller, Managing Member, general partner
Mink Brook Capital GP LLC
Date: 07/29/2025

Mink Brook Opportunity Fund LP

Signature: /s/ William Mueller
Name/Title: William Mueller, Managing Member, general partner
Mink Brook Capital GP LLC
Date: 07/29/2025

Mink Brook Capital GP LLC

Signature: /s/ William Mueller
Name/Title: William Mueller, Managing Member, general partner
Mink Brook Capital GP LLC
Date: 07/29/2025

William Mueller

Signature: /s/ William Mueller
Name/Title: William Mueller
Date: 07/29/2025

Mink Brook Asset Management LLC

Signature: /s/ William Mueller
Name/Title: William Mueller, Managing Member, Mink Brook Asset
Management LLC
Date: 07/29/2025