

November 16, 2007



Amtech Systems, Inc. Announces Pricing of Common Stock Offering

TEMPE, Ariz.--(BUSINESS WIRE)--

Amtech Systems, Inc. (Nasdaq:ASYS), a global supplier of production and automation systems and related suppliers for the solar cell, semiconductor, silicon wafer and microelectromechanical (MEMS) industries, today announced that it has entered into an agreement to sell 2,500,000 shares of its common stock in an underwritten public offering at a price to the public of \$14.41 per share. Amtech has also granted the underwriters a 30-day option to purchase up to 375,000 additional shares of common stock to cover over-allotments, if any.

Net proceeds to Amtech from the sale of its common stock will be approximately \$33.6 million, or \$38.5 million if the full over-allotment option is exercised by the underwriters, after deducting underwriting discounts and commissions and estimated offering expenses payable by Amtech. Amtech intends to use the net proceeds from this offering for working capital and other general corporate purposes, including for possible future product or business acquisitions in connection with the planned expansion of its solar and semiconductor businesses. The offering is expected to close on November 21, 2007.

Registration statements on Form S-1 relating to these securities have been filed with, and declared effective by, the Securities and Exchange Commission. Collins Stewart LLC, Oppenheimer & Co. Inc. and Broadpoint Capital, Inc. have acted as underwriters for the offering. The public offering is being made solely by means of a prospectus, copies of which may be obtained by contacting Collins Stewart LLC, 350 Madison Avenue, New York, NY 10017, or at the Securities and Exchange Commission's web site at www.sec.gov.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any state in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state.

About Amtech Systems, Inc.

Amtech manufactures capital equipment, including silicon wafer handling automation, thermal semiconductor processing equipment and related consumables used in fabricating solar cells and semiconductor devices. Semiconductors, or semiconductor chips, are fabricated on silicon wafer substrates, sliced from ingots, and are part of the circuitry, or electronic components, of many products including computers, telecommunications devices, automotive products, consumer goods, and industrial automation and control systems. Amtech's semiconductor handling, thermal processing and consumable products currently address the polishing of newly sliced silicon wafers and reclaimed test wafers and the oxidation and deposition steps used in the fabrication of solar cells, semiconductors, and

MEMS.

Statements contained in this press release that are not historical facts may be forward-looking statements within the meaning of the Private Litigation Reform Act. Such statements may use words such as "proposed," "anticipate," "believe," "estimate," "expect," "intend," "predict," "project" and similar expressions as they relate to Amtech Systems, Inc. or our management. When we make forward-looking statements, we are basing them on our management's beliefs and assumptions, using information currently available to us. Although we believe that the expectations reflected in the forward-looking statements are reasonable, these forward-looking statements are subject to risks, uncertainties and assumptions including the risk that this offering does not close and the risks discussed in our filings with the Securities and Exchange Commission. If one or more of these risks materialize, or if our underlying assumptions prove to be incorrect, actual results may vary materially from what we projected. Any forward-looking statements contained in this press release reflect our current views with respect to future events and are subject to these and other risks, uncertainties and assumptions relating to our operations, results of operations, growth strategy and liquidity. We have no intention, and disclaim any obligation, to update or revise any forward-looking statements, whether as a result of new information, future results or otherwise.

Source: Amtech Systems, Inc.