

Ad Hoc Announcement

ROFIN-SINAR reports results for the third quarter fiscal year 2010: Order entry, sales and net income increased by 68%, 44% and 297%, respectively, year-over-year

Plymouth, MI / Hamburg, Germany, August 5, 2010 – ROFIN-SINAR Technologies Inc. - (NASDAQ: RSTI), one of the world's leading developers and manufacturers of high-performance laser beam sources and laser-based solutions, today announced results for its third fiscal quarter and nine months ended June 30, 2010.

- Third Quarter -

Net sales totaled \$110.3 million for the third quarter ended June 30, 2010, a 44%, or \$33.7 million, increase from the comparable quarter of fiscal 2009. The strengthening of the US dollar, mainly against the Euro, resulted in a decrease in net sales of \$4.0 million in the third quarter. Gross profit totaled \$42.9 million, or 39% of net sales, compared to \$26.6 million, or 35% of net sales, in the same period last fiscal year. RSTI net income amounted to \$9.7 million, or 9% of net sales, compared to a net loss of \$4.9 million, or 6% of net sales, in the third quarter of fiscal year 2009. The diluted income per share calculation equaled \$0.33 for the quarter based upon 29.3 million weighted-average common shares outstanding, compared to a diluted loss per share of \$0.17 based upon 28.9 million weighted-average common shares outstanding for the same period last fiscal year.

Comparing the third fiscal quarters 2010 and 2009, SG&A increased by \$0.8 million in 2010 to \$22.7 million, representing 21% of net sales, and third quarter R&D expenses decreased by \$1.1 million in 2010 to \$7.6 million, representing 7% of net sales.

Sales of laser products used for macro applications increased by 38% to \$42.8 million, accounting for 39% of total sales. Sales of lasers for marking and micro applications increased by 58% to \$55.6 million and represented 50% of total sales. Sales of components increased by 14% to \$11.9 million and represented 11% of total sales.

- Nine Months -

For the nine months ended June 30, 2010, net sales totaled \$299.2 million, an increase of \$40.1 million, or 15%, over the comparable period in 2009. The weakening of the US dollar, mainly against the Euro, resulted in an increase in net sales of \$5.7 million for the nine month period. Gross profit for the period was \$115.9 million, \$18.7 million higher than the same period in 2009. RSTI net income for the nine month period ended June 30, 2010, totaled \$17.9 million. The diluted per share calculation equaled \$0.61 for the nine month period based upon 29.4 million weighted-average common shares outstanding.

Net sales of lasers for macro applications increased by \$21.8 million, or 21%, to \$124.4 million and net sales of lasers for marking and micro applications increased by \$18.3 million, or 15%, to \$143.1 million. Sales of components stayed flat compared to fiscal year 2009 and amounted to \$31.7 million.

On a geographical basis, net sales in North America in the first nine months decreased by 1% and totaled \$54.1 million (2009: \$54.4 million). In Europe, net sales decreased by 3% to \$146.1 million (2009: \$150.6 million) and in Asia, net sales increased by 83% to \$99.0 million (2009: \$54.1 million).

Order entry for the quarter increased by 68% to \$128.0 million compared to the third quarter last fiscal year and resulted in a backlog of \$124.4 million at June 30, 2010, mainly for laser products. As of June 30, 2010, ROFIN-SINAR had a book-to-bill ratio of 1.16.

Other Developments - Share Buyback

As of June 30, 2010, the Company has purchased approximately 0.85 million shares of common stock under the buyback program it announced in May 2010 for a total amount of \$19.5 million.

The full text of the press release and further information including comprehensive financial data is available online at **www.rofin.com**.