

INGERSOLL RAND CO LTD  
 Form 3  
 October 20, 2005

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2005  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Â Bolch James R (Last) (First) (Middle)  C/O INGERSOLL-RAND COMPANY,Â 155 CHESTNUT RIDGE ROAD (Street)  MONTVALE,Â NJÂ 07645 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 10/13/2005	3. Issuer Name and Ticker or Trading Symbol INGERSOLL RAND CO LTD [IR]	4. Relationship of Reporting Person(s) to Issuer  (Check all applicable)  <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) Senior Vice President	5. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of	Security	Security: Direct (D)	

Phantom Stock Units (Def Comp) <sup>(1)</sup>	<sup>(1)</sup>	<sup>(1)</sup>	Class A Common Shares	Shares 7,000	\$ <sup>(1)</sup>	or Indirect (I) (Instr. 5) D	<sup>(1)</sup>
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Bolch James R C/O INGERSOLL-RAND COMPANY 155 CHESTNUT RIDGE ROAD MONTVALE, NJ 07645	<sup>(1)</sup>	<sup>(1)</sup>	<sup>(1)</sup> Senior Vice President	<sup>(1)</sup>

## Signatures

By: /s/ Barbara A. Santoro - Attorney-in-Fact  
10/20/2005

<sup>(1)</sup> Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) These Phantom Stock Units were acquired under the IR Executive Deferred Compensation Plan II and will be converted on a one-for-one basis and settled in cash on October 13, 2009, or later if payment is deferred.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.