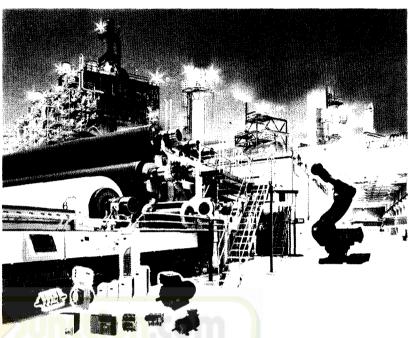
### India

### **ABB Limited**

# **Annual Report 2004**











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Bangalore facility



Vadodara facility



Faridabad - Instrumentation



Nashik facility



Vadodara - Transformers



Fandabad - Low voltage motors

### **ABB** Limited

#### **Board of Directors**

Dinesh Paliwal, Chairman
Ravi Uppal, Vice Chairman and Managing Director
Peter Smits
N.S.Raghavan
Nasser Munjee
Peter Leupp
Tom Eric Sjoekvist

### **Company Secretary**

B Gururaj

#### **Corporate Management Committee**

Ravi Uppal I K Sadhu Biplab Majumder Amresh Dhawan K Rajagopal V Swamy Bazmi Husain P C Rajiv Shyam Karmarkar P P Gomes

#### **Bankers**

ICICI Bank Limited
Canara Bank
IDBI Bank Limited
HDFC Bank Limited
Hongkong & Shanghai Banking Corporation Limited
Union Bank of India
Standard Chartered Bank

#### **Auditors**

S.R.Batliboi & Company

#### **Registered Office**

2nd Floor, East Wing Khanija Bhavan 49, Race Course Road Bangalore - 560 001

### Registrar & Share Transfer Agents

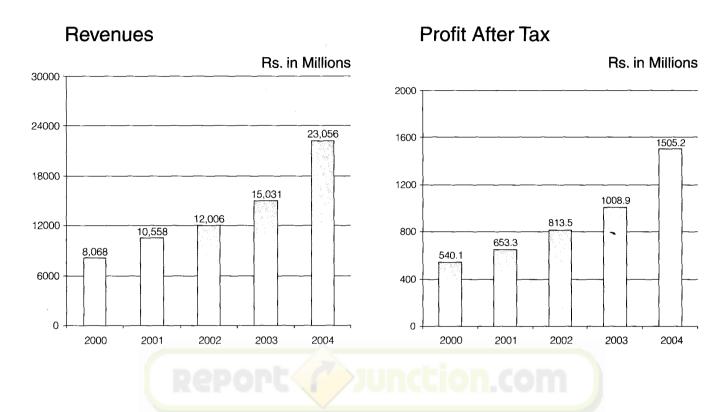
Karvy Computershare Private Limited No. 51/2, T.K.N.Complex Vanivilas Road Opp. National College Basavanagudi Bangalore - 560 004

# 5 Year Highlights

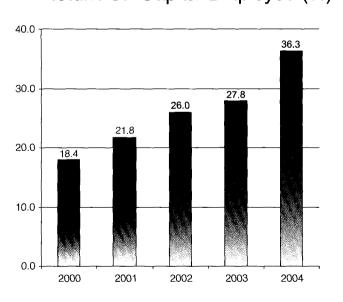
					(Rs in Million
Description	2004	2003	2002	2001	2000
Sources of Funds					
Share Capital	423.8	423.8	423.8	498.8	414.2
Reserves	6,669.4	5,461.6	4,539.2	3,805.4	3,478.4
Net Worth	7,093.2	5,885.4	4,963.0	4,304.2	3,892.6
Borrowings	14.9	101.0	123.7	108.0	165.6
Funds Employed	7,108.1	5,986.4	5,086.7	4,412.2	4,058.2
Income and Profits					
Sales & Other Income	23,055.7	15,030.6	12,005.7	10,557.6	8,068.5
Operating Profit Before Interest and Depreciation	2,582.3	1,722.8	1,418.9	1,105.9	911.8
Profit Before Tax	2,365.2	1,528.9	1,229.7	850.8	705.1
Tax	860.0	520.0	416.2	197 <mark>.5</mark>	165.0
Profit After Tax	1,505.2	1,008.9	813.5	653.3	540.1
Dividend / Dividend Tax	335.4	319.5	259.1	228.2	253.9
Retained Earnings	1,169.8	689.4	554.4	425.1	286.2
Other Data					
Gross Fixed Assets	3,428.1	3,037.9	2,707.0	2,747.9	2,442.3
Debt Equity Ratio	0.01:1	0.02:1	0.02:1	0.03:1	0.04:1
Net Worth Per Equity Share - Rs	167.4	138.9	117.1	99.8	94.0
Earnings Per Equity Share - Rs	35.5	23.8	19.1	15.5	13.0
Dividend Per Equity Share - Rs	7.0	6.0	6.0	5.0	5.0
Profit After Taxes as % to Average Net Worth	23.2	18.6	17.6	15.9	14.4

### Note:

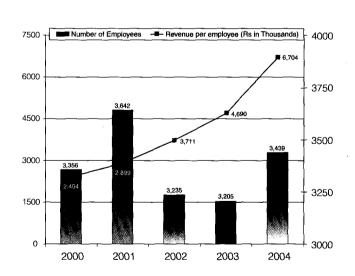
<sup>1)</sup> Excludes revaluation of fixed assets, revaluation reserve and exceptional items.



# Return On Capital Employed (%)



### **Employees & Productivity**



### Note:

1) Excludes revaluation of fixed assets, revaluation reserve and exceptional items.

# Corporate Management Committee

ABB Limited, India



Sitting (L to R): Amresh Dhawan -Head-Power Technologies (Products), K Rajagopal -Chief Financial Officer, Ravi Uppal -Vice Chairman & MD,
Biplab Majumder -Head-Automation Technologies, Inder Sadhu -Head-Power Technologies (Systems)

Standing (L to R): V Swamy -Head-Building Systems, Bazmi Husain -Head-Corporate Research Center, Peter Gomes -Head-Service,

P C Rajiv -Head-Human Resources, Shyam Karmarkar -Head-Marketing.

### Welcome to ABB

### ABB - At home everywhere

ABB is a global leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and is committed to enhancing the competitiveness of its customers, combining cutting-edge technologies and proven domain expertise with strong local insight. ABB in turn creates value for other stakeholders ie. its shareholders, employees and the communities in which it operates.

ABB's two basic business principles,
Responsibility, Respect and Determination are
enshrined in the company's culture. ABB
employees demonstrate personal, professional
and corporate responsibility, showing respect
for others and reinforcing their shared
determination to work as a team to nurture
ABB's traditional strengths - our technology
leadership, our pioneering spirit and our ability
to be at home everywhere!

### Technology & Innovation

ABB has a 120 year record of innovation and technological leadership since its inception in 1883. Recent ABB innovations, on average, comprise over 70 per cent of the products and services marketed by the company today. ABB invests around one billion US dollars annually in research and order related development, weaved into the fabric of its business offering.

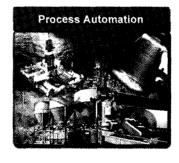
### A new simpler ABB

ABB has constantly adapted to change and in 2004, the company further simplified its organisation structure to enhance customer focus, increase competitiveness and drive operational excellence.

ABB's two core divisions, Power Technologies (PT) and Automation Technologies (AT), have been further simplified into two Business Areas for PT and three for AT.









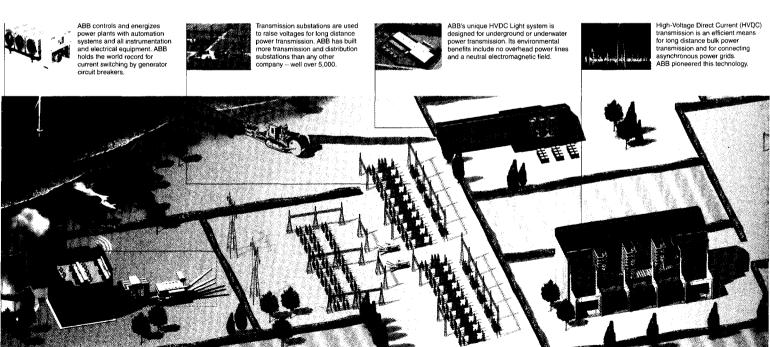


### ABB in India

ABB has a long standing presence in India over several decades with extensive local manufacturing across 8 centers. This is supported by a countrywide marketing presence, including 26 marketing offices and a network of around 500 channel partners.

ABB India also has 8 service centers, customer training hubs and global R & D centers. ABB offers a complete range of Power and Automation technology solutions in the form of turnkey projects, products and services to utilities, industries and buildings across India and beyond.





### Power Technologies

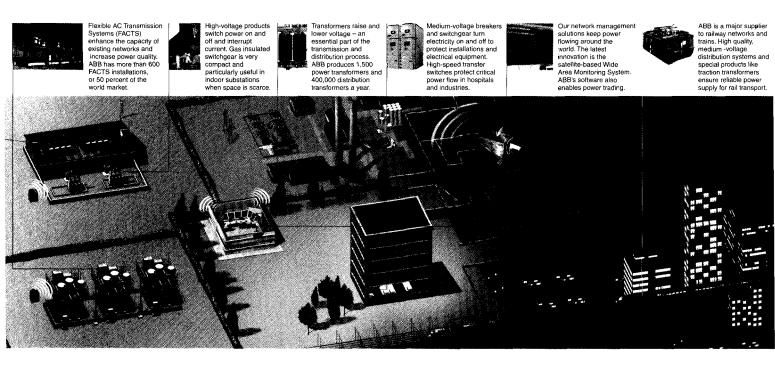
ABB India's Power Technologies division offers power and other utilities as well as industrial and commercial customers a wide range of products, system and services from the generating station and across the transmission and distribution network.

This includes Electrical Balance of Plant (EBoP) solutions for power generation plants, including automation, controls instrumentation and complete electricals.

ABB is clearly recognised as a global market leader in power transmission and distribution. The offering includes solutions like High Voltage Direct Current (HVDC) and Flexible AC Transmission System (FACTS) that facilitate higher capacity utilisation as well as efficient and reliable transmission of quality power.

ABB also offers turnkey solutions for substations, distribution automation and network management. This includes Supervisory Control & Data Acquisition (SCADA) systems, Wide Area Protection (WAP) and a host of technologies that help reduce T&D losses, increase uptime and improve the overall reliability of the grid.

ABB's product portfolio covers the entire voltage range and includes indoor and outdoor circuit breakers, air and gas insulated switchgear, disconnectors, capacitor banks, reactive power compensators, power and distribution transformers as well as instrument transformers.



### **Automation Technologies**

ABB's Automation Technologies division serves customers across process, manufacturing and consumer industries as well as buildings and infrastructure. This includes turnkey automation solutions for sectors like metals, pulp & paper, cement, automotive, petroleum, chemicals & petrochemicals, pharma & life sciences, marine, mining & minerals and many more.

ABB also offers a comprehensive product portfolio encompassing motors, drives, power electronics, robotics, controls, instrumentation & analytics and a complete range of low voltage products all supported by a world-class service backup and asset management solutions. Unparalleled domain expertise backed by cutting-edge technologies and global experience are the hallmark of ABB's offerings, making it a global leader in industrial automation.

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