



World Leader in Pneumatics

About Us

SMC Corporation Japan, established in 1959, is the World's largest manufacturer of pneumatic components, having annual sales of over US \$ 3.5 Billion. SMC has developed a wide array of pneumatic components to meet the needs of application in all the industries. SMC has established a widespread global network in all major countries of America, Europe and Asia showing our active commitment to the market. SMC supports this global network with stable supply chain of products, a high level of technical service and strong communication to meet our customers' needs and expectations.

SMC, the world leader in pneumatics, strives to understand customer needs thoroughly, after fully understanding the requirements of any manufacturing process and offers customised solutions.

By virtue of our innovative ability and close interaction with our customers, we take the lead in the world market. We are an organization that listens carefully to the customers, responds promptly to their needs, setting global trends in industrial automation.

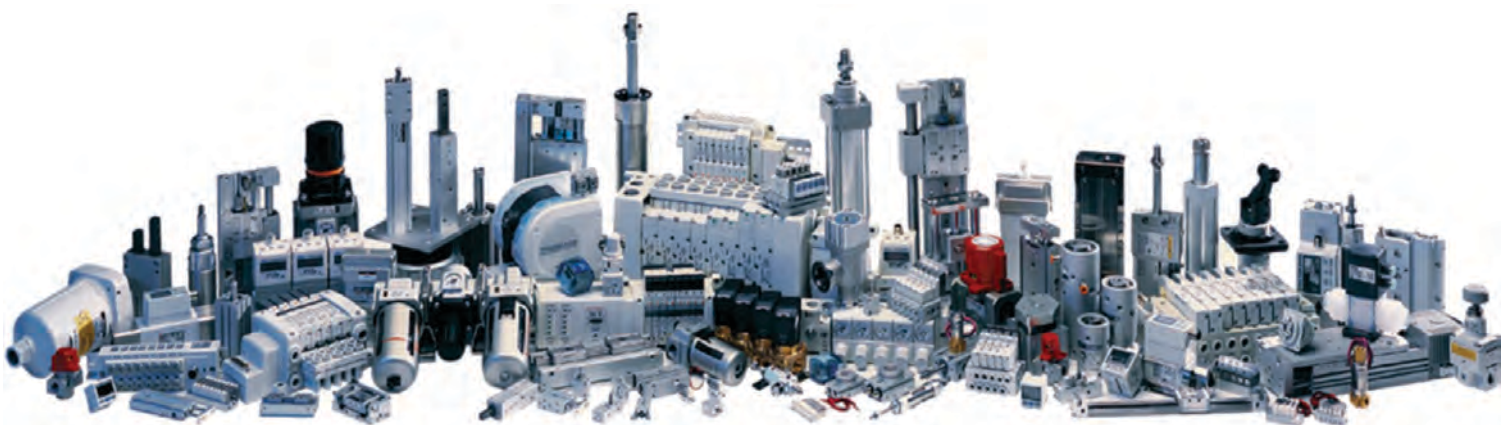
SMC
offers

Most advanced world class pneumatic technology

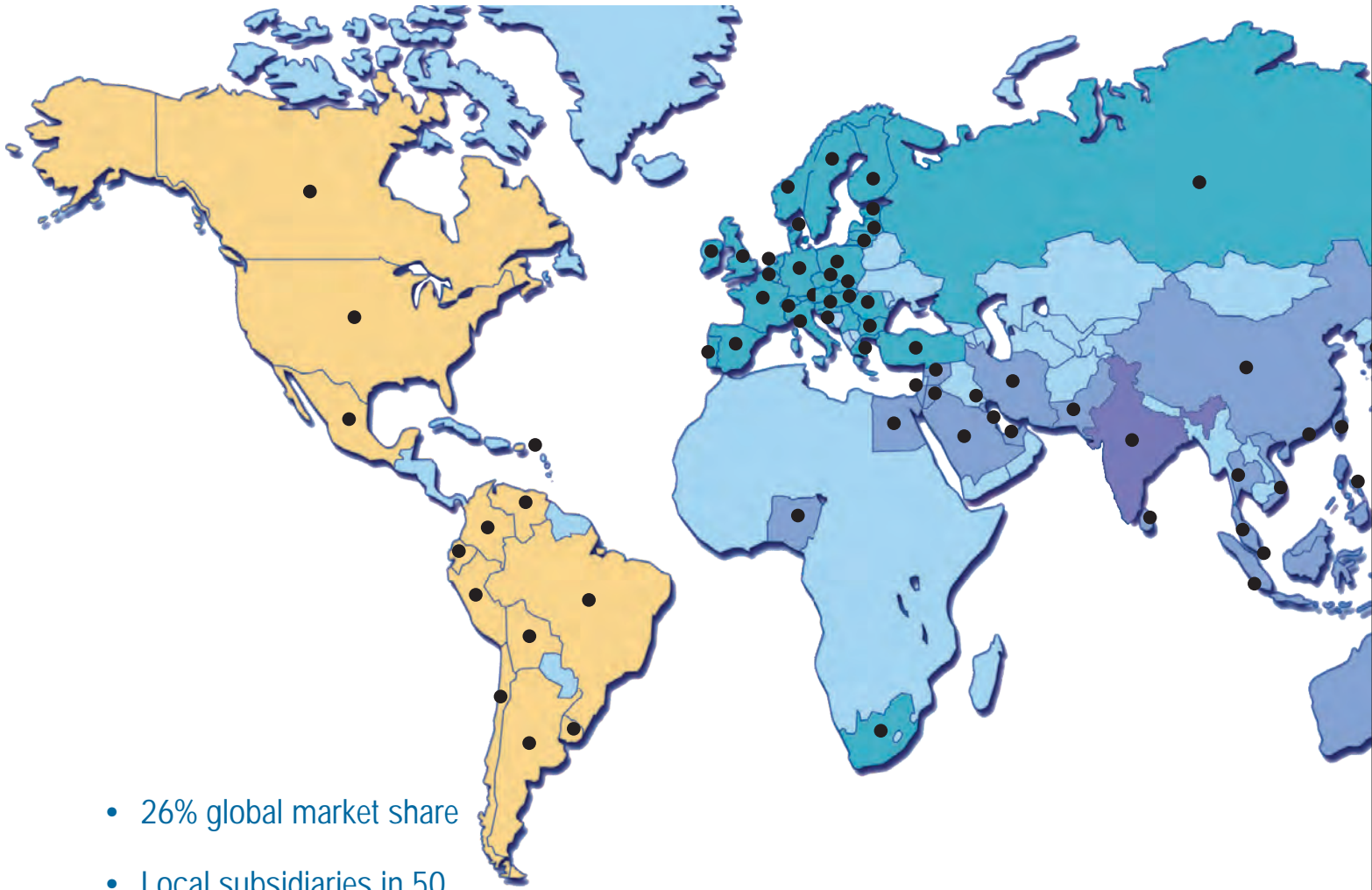
Widest products range in the industry

Global solutions for local needs

Best-in-class customer support



SMC - Global Network



- 26% global market share
- Local subsidiaries in 50 countries
- Manufacturing facilities in 27 countries
- 15,000+ employees

Production and Supply

- Vast array of products satisfying nearly every application.
- 11,000 basic products spread over 5,20,000 variations.
- World class manufacturing - ISO 9001, ISO 9002 & ISO 140001.
- High quality products at competitive costs achieved through unique production system.

Our Global Engineering Network



Technical Development

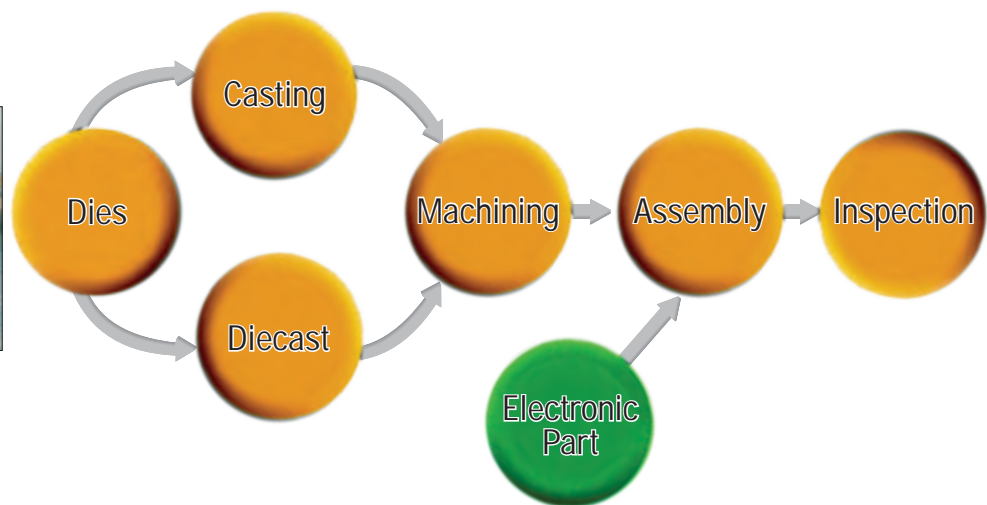
- Technology leader in industry.
- 5 R & D centers across the globe.
- 1,400 R & D Engineers.
- More than 50 new products added every year.

Sales and Communication

- 360 sales offices in 78 countries worldwide.
- Dedicated sales force of over 5700 engineers.
- Best in industry sales and after sales support.
- Innovations based on customer feedback.

SMC Production System

SMC products reflect a market trend towards greater diversification with a vast range of product variations. This is made possible by an integrated production system that includes casting, machining, surface treatment, coating assembly and inspection, all performed in SMC's factories. Furthermore, we use a unique production control system in which instructions for all production operations are performed automatically based on order information. As a result SMC offers products of high quality at competitive cost and with short lead time.



High Quality

Optimised Cost

Short Lead Time

Our Presence in India

Incorporated in 1995, SMC India is a 100% subsidiary of SMC Corporation Japan, the World Leader in Pneumatic Technology.



Head Office & Noida Factory 1
12,000 Square Meter



Noida Factory 2
29,000 Square Meter



Chennai Factory
46,000 Square Meter

SMC India

Incorporated in 1995, SMC India is a 100% Subsidiary of SMC Corporation Japan, the World Leader in Pneumatic Technology. SMC India has three state-of- art manufacturing facilities in India. Two facilities are at Noida near Delhi, (spreading over 12000 sq. mt. and 29,000 Sq. mt.) and one in Chennai (46,000 Sq. mt.). These facilities comprise of separate floors for manufacturing and assembly. Special purpose CNC machines are installed for precision processing.

We maintain a large warehouse, which follows a trademark Bin Management System of inventory (KOGO Seisan System) to cater to the large demand and ensure faster deliveries. SMC India thrives on our ability to provide excellent personalized service and innovative products to our customers whenever and wherever required.

SMC India has an extensive marketing network of Branch Offices and Resident Engineer locations at major cities & industrial areas providing nationwide support to our customers. Our trained Application Engineers serve our customers by functioning as part of their team to accurately gauge their needs and develop customized solutions.

SMC's policy of tandem product development, of which our valued customers, our Application Engineers and our Product Development Engineers form vital links, enables rapid tracking of the winding path of automation process spanning the industrial scenario.

We develop & supply special products against customer - specific requirements which makes us stand out in the industry. Given that our standard products have 5,20,000 variations, we can confidently match myriad clients' expectations and deliver consistently.

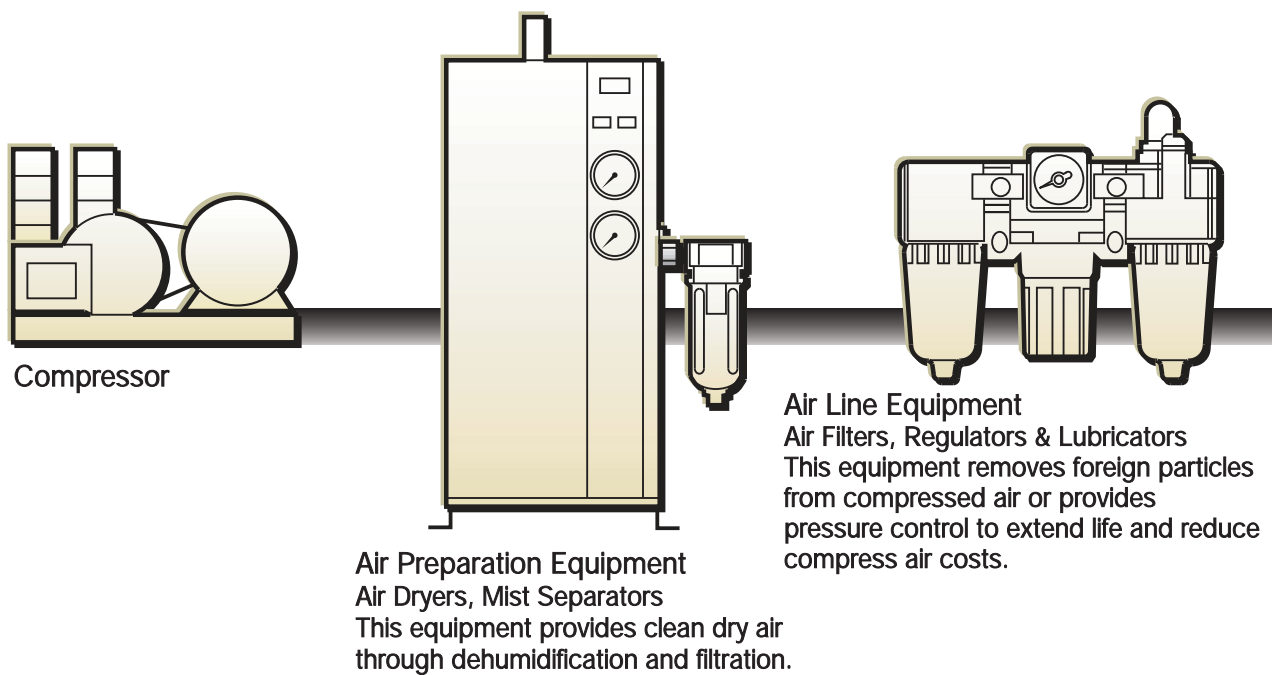
- 3 Manufacturing Facilities
- 8 Warehouses at Different Locations
- 14 Branch Offices
- 42 Sales Locations In India
- 150 Application Experts
- 50 Dealers across India

Sales & Supply Network



Complete Line-up of Pneumatics

SMC provides the ideal products for multiple applications and complete systems. Therefore, a broad range of pneumatic variations is offered for each system component. This complete array of products results in SMC pneumatic system that are capable of specifically meeting infinitely diverse requirements.

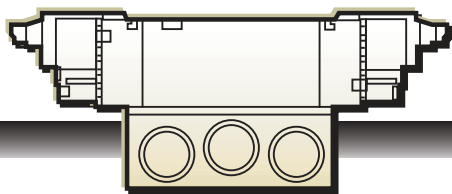
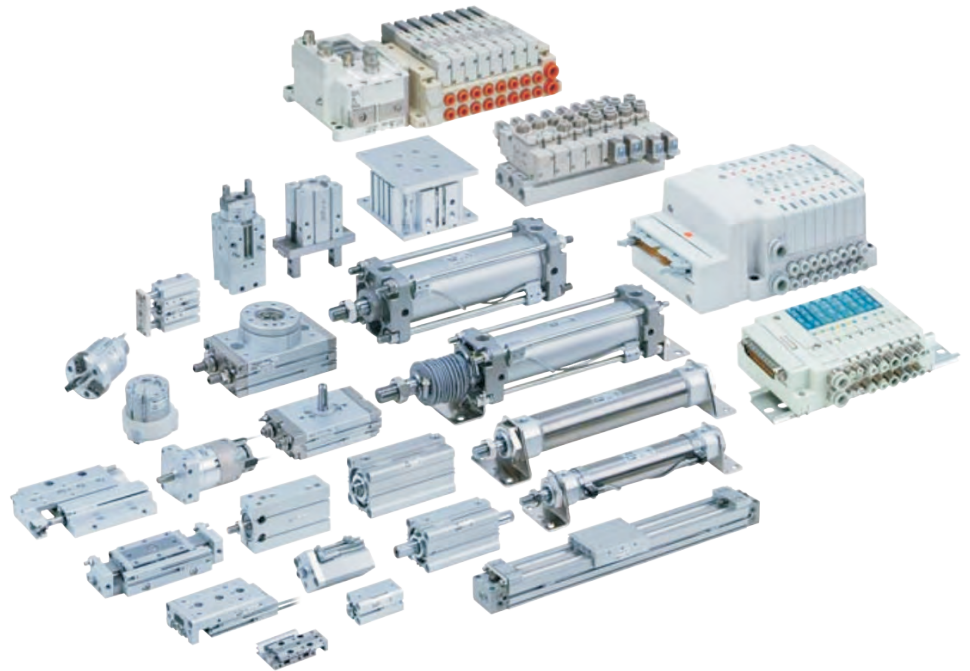


Air Cleaning Equipment



Air Line Equipment





Directional Control Components

Solenoid valves

These components direct the flow of compressed air that is supplied to cylinders and other actuators.

Actuators

Cylinders, Rotary actuators

These component use the compressed air switched by directional control components to create force for linear & rotary action.



Air Cylinders



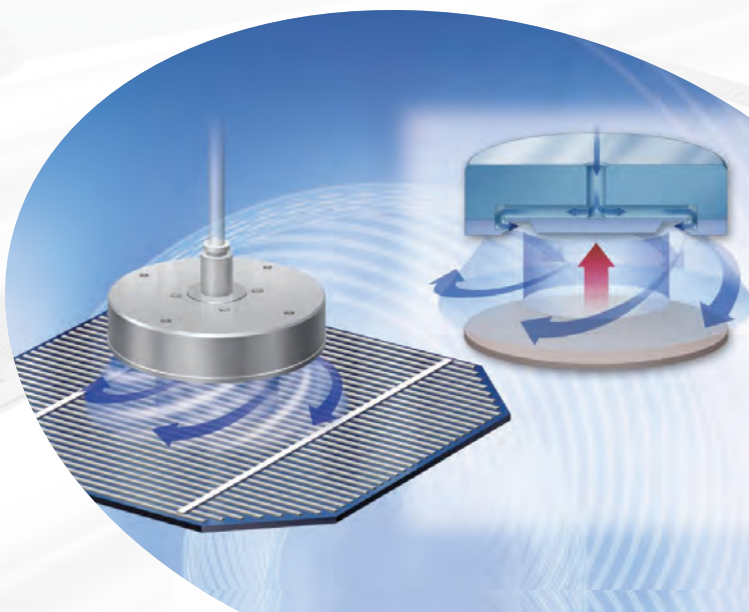
Solenoid Valves



Air Grippers

New Products to Keep You Ahead of the Field

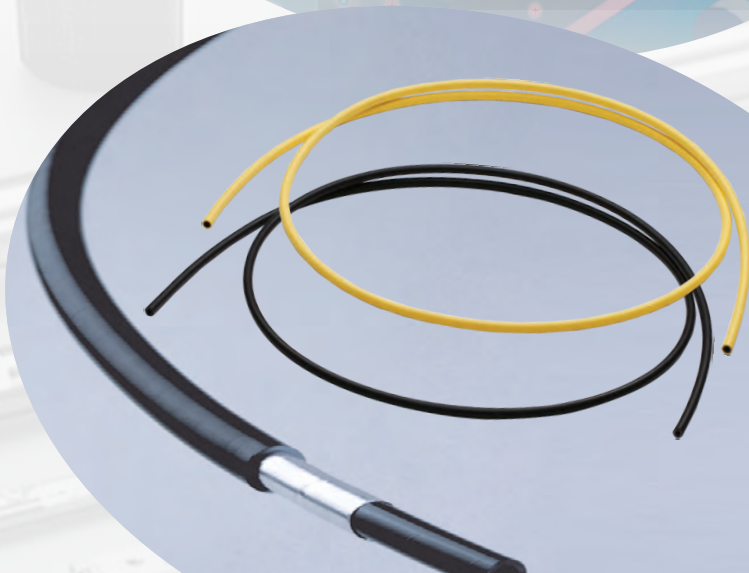
Cyclone Pads



Ionizer



FR Three-layer Polyurethane Tubing



Electric Actuator & Gripper



Fieldbus system



Refrigerated Compressed Air Dryer



High Pressure Technology

With the acquisition of Advanced Pressure Technology (AP Tech), USA, SMC now manufactures a wide array of gas handling components used exclusively for Solar and Semiconductor wafer fabrication.

SMC is the only company ,offering complete solution for Fab and Sub- Fab area in Solar and Semi conductor industry.

These gas handling components are designed and manufactured exclusively for ultra high purity applications. Our efforts remain focused on meeting the ever- changing needs of what is now termed "ultraclean " technology.



Pressure regulators , valves, check valves and a variety of flow devices are available for applications ranging from the source cylinder cabinet, bulk delivery systems through point of use including VMB distribution boxes.

These products are used to handle industrial , inert, toxic, corrosive & speciality gases, they find wide spread applications in Solar , Semiconductor, Electronic Industries, Analytical Instrumentation & Testing, General Manufacturing, Petro-chemicals, Process Industry, Medical and Bio-pharma Industry.



Gas delivery components for various applications



Industry-wide Presence

SMC provides innumerable applications of Pneumatic Control Technology. From core industries like Automotive and Machine Tool to diverse industries like Food Processing, Printing and Packaging, we have a strong presence in their automation process.



International Training



SMC has designed and developed training programs in pneumatic automation technology, imparting mandatory industry specific training with a fine balance of theory and hands-on exercises. SMC has established a detailed induction program for all new entrants, which covers pneumatic theory and practice. In addition, SMC sales engineers attend periodic refresher courses on new products, technologies and applications.

SMC also offers various courses to our valued customers like Basic and Advanced Pneumatics/ Electro Pneumatics, PLC, Vacuum Technology and related Applications. We have specific range of training kits for different training courses, suitable for varying levels of automation.

We are commissioned by large number of customers to conduct programs for their engineers and technicians, both in-house as well as at our training facilities at Noida, Mumbai, Pune, Bangalore and Chennai.

Our unique training programs are increasingly becoming great favourites, with more and more customers across industry.



Training Center



Teach Ware



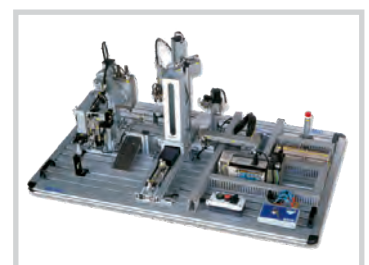
Training Kit



Process Control



FMS



Automation

Sales & Support

SMC's unique one-to-one sales approach allows our customer to see, feel and understand the products before choosing for a specific application.

Our team of over 150 highly trained, technology driven, dedicated engineers offer application oriented solutions to build long term relations with customer.



SMC's experienced sales force strives to understand need of every customer. They are like :



- A friend who is just a phone call away.
- A consultant who can give guidance and support on pneumatic components and application.
- A specialist who can help in design, assembly and installation.
- A service engineer who can troubleshoot.

Our engineers stay up-to-date with the evolving customer needs as a result of direct and ongoing interaction. They play a pivotal role in the development of new products and services by providing vital feedback to the technical and development departments.

SMC has a unique concept of Mini Panel Exhibition, to demonstrate, at user site, the right working pneumatic models for user specific applications. The mobility and the wide range of panels make it feasible for our application engineers to select a suitable panel and carry it right up to user shop floor.



Web Based Customer Support

SMC Website

Our Customer friendly website enables you to get one stop solution for all your needs.

- Browse our vast range of products.
- Download Design Support Software.
- Locate your nearest SMC branch.

Visit us at <http://www.smcin.com>



Live Chat

Talk to our engineers through 'Live Chat' Facility available on the website.

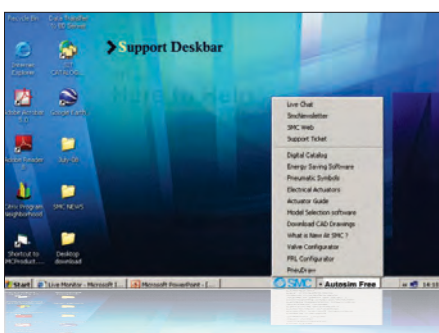
- Clarify your technical queries.
- Get required catalogues.

Chat with us at <http://www.smcin.com/chat.asp>

SMS@53030

Get industry and application specific catalogues by just sending an SMS.

Send **SMS <SMC MKT> to 53030** for enquiry.



Deskbar Utilities

The 'all assistance' deskbar tool available on website enables you to download software, configurators, CAD data and catalogue on single click.

To download deskbar utilities, please visit <http://www.smcin.com/downloads.asp>

Energy Saving Solutions

Around 90% of the electricity consumed by a modern compressor is lost in waste heat and not in the production of compressed air. This makes compressed air 10 times more expensive than the cost of the electricity consumed in its production.

"At the same time, a leak point equivalent to 1mm diameter will cause a loss of Rs. 7315 in a year as also amounts to 361 Kg CO₂ emission"

SMC India has identified & developed an energy saving program which focuses on key areas in a factory where energy loss can be reduced.

By focusing on the installation of an energy efficient compressed air system in your facilities, we can guarantee savings which could make a difference between making a profit or a loss.



Cut your electricity bills
Help reduce global warming
Reduce CO₂ emissions
Help meet your ISO 14001 needs

SMC shares its social responsibility by contributing through manufacturing of environment-friendly products. Our products are designed to reduce the energy consumption in various forms, thereby indirectly reducing the pollutants released into the environment.



- Reduced Air Consumption
- Improved Air Quality
- Reduced Power Consumption
- Reduced Pressure loss