



Dutta Control

Hydraulics, Pneumatics & Hydro-pneumatics

Simplifying technology,
redefining value.



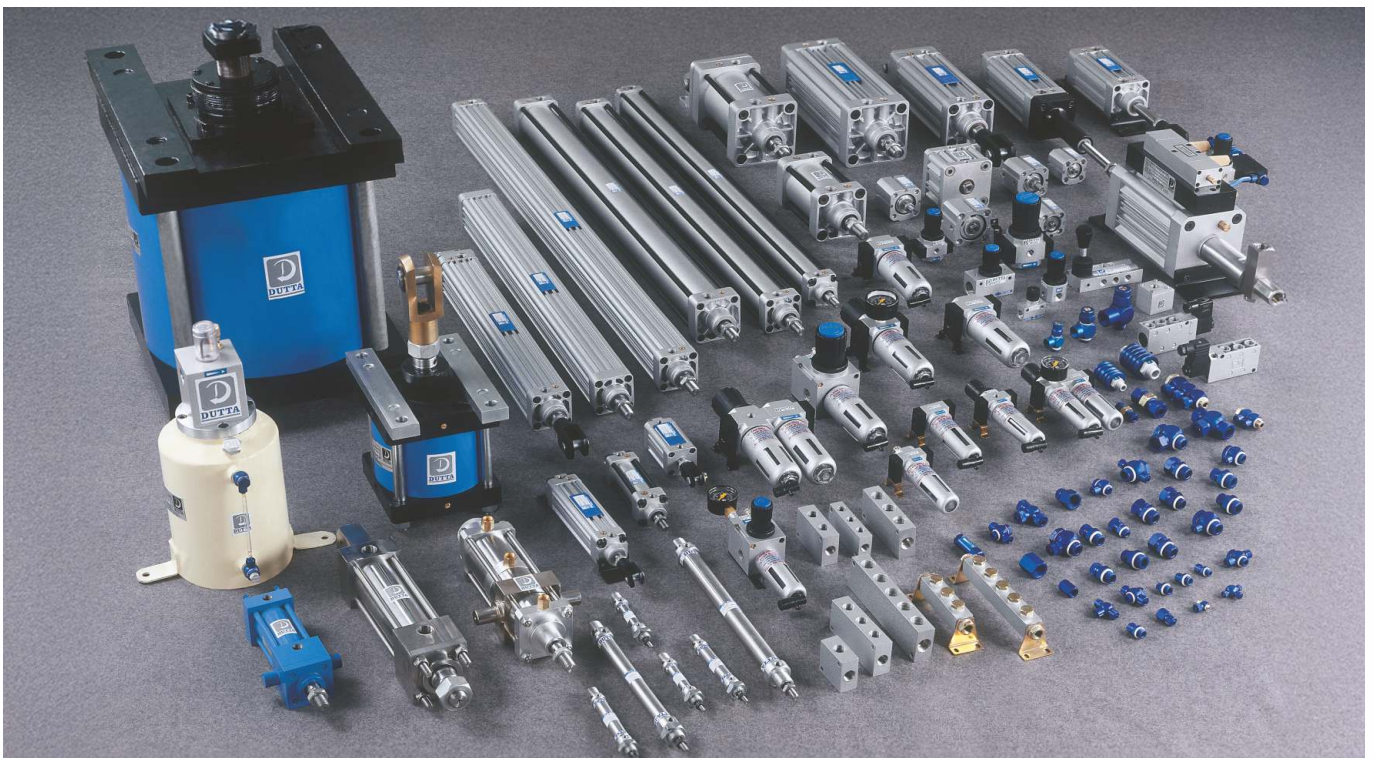
Simplifying technology, redefining value.

Dependable Hydraulic and Pneumatic products and solutions — trusted by leading companies for over 30 years.

For over 30 years, Dutta Control has been a dependable partner for several industries for a reliable range of Hydraulic & Pneumatic products, such as Hydraulic Cylinders, Pneumatic Cylinders, Hydro-pneumatic Pumps, FRLs, Valves, Connectors and more.

Our products are being used by industries worldwide for critical and challenging applications in defence, material handling, pharmaceuticals, aerospace, and more.

Our custom-designed solutions are manufactured completely in-house using state-of-the-art machinery, which assures precision performance and longer, trouble-free service life. Explore our range to begin a new relationship.





P.K. Dutta
CEO, Dutta Control

“Our core beliefs continue to drive us forward and will guide us as we take our products and solutions to the global stage.”

From the CEO's Desk

In the early 90s, when India was awakening to globalisation, several emerging industries were exploring new avenues of business. That was when, as a young engineer, I realised the need to make indigenously manufactured pneumatic and hydraulic products of global standards available to these industries. Dutta Control was born out of this conviction, with three fundamentals in mind – a strong focus on innovation, an uncompromising attitude towards quality, and offering greater value for money to customers.

An innovation-led mindset

I was deeply influenced by the precision of Japanese and European fittings. Just as importantly, we wanted to bring that level of quality and precision to India at an affordable price. We invested significant effort, money, and engineering man-days to harness the technology. We also developed a few new products and simplified the technology behind existing European equivalents. And we have continued doing that, consistently.

An uncompromising focus on quality

Our strict adherence to international quality standards has helped us grow faster. To achieve and maintain the highest possible quality, we developed a few in-house SPMs, which gave us greater control over critical quality parameters. Our uncompromising attitude towards quality has helped us build long-term relationships with customers, establish a strong name in the market quickly, and gain more customers year after year. It has also enabled us to expand our product range and deliver reliable solutions, even for demanding applications.

Customer-first approach

We've always stayed close to our customers, understanding their requirements and finding the best ways to support them. Whether the requirement is large or small, our aim is simple: deliver the best possible quality in the least possible time. From the beginning, our 'value for money' approach has evolved into developing products that save time, effort, and cost, ensuring greater benefits for all our customers.

Centrally located modern manufacturing facility.

5,500 sq.m.
manufacturing
facility

Over 150
technical
experts

Innovative
technology

Patented
products

In-house
research and
development

Nationwide
pre & post
sales service

Established in 1993, Dutta Control is a trusted manufacturer of hydraulic and pneumatic products and solutions. Our proven products are built on a deep understanding of fluid dynamics, airflow behaviour, sealing technology, and mechanical engineering. With over three decades of expertise in engineering precision products using advanced technology, we are known for delivering high-quality cylinders with proven performance.

Operating from a 5,500 sq.m manufacturing facility, we manufacture a comprehensive range of products completely in-house. This facility is driven by a technically competent team of over 150 people. We invest in precision and advanced engineering at every stage. The plant is equipped with high-precision CNC machines of reputed make, custom-built honing machines for ultra-smooth surface finish, SPMs for precision welding, and conveyerised painting systems.

While expanding our footprint across several sectors, we are building long-term partnerships with OEMs, system integrators, and global customers who value quality, commitment, and technical competence.



Simplifying technology, redefining value

This is the guiding principle
behind how we design, manufacture,
and deliver solutions.

Simplifying technology

We believe in developing Hydraulic and Pneumatic products and solutions that simplify building advanced processing plants, equipment, and machinery. That's why our products integrate easily, fit seamlessly into congested spaces, are simple to operate, quick to connect, and require minimal maintenance. Our goal is to reduce product integration time, lower margins of error, and simplify user experience, starting right from the design stage, all the way to the shop floor and field application.

Redefining value

We know value is not just about pricing, it's about assurance. We redefine value by offering customised solutions that match precise application needs, backed by fast response times and a consistent commitment to delivery. Customers rely on us not only because our technology is proven and our products are built to perform over the long term, but also because they can count on near-zero maintenance, consistent quality, and reliable supply, year after year.

This dependable experience across every stage, from order to operation, reduces uncertainty, cuts unplanned downtime, and lowers the total cost of ownership.

For us, value means optimised costs, compact products, built-in reliability, high safety, and ultimate peace of mind for our customers.



Over
500
products

A range to meet the application requirements of diverse sectors

Our products and solutions are engineered to perform with precision, reliability, and durability across diverse industrial applications such as automotive, agricultural implements, cement, material handling, waste management, construction equipment, parking systems, sugar machinery, steel, paper and pulp, pharmaceutical machinery, and defence.

Hydraulic Cylinders

Engineered for precision, our range of hydraulic cylinders cover bore sizes from 25 mm to 300 mm, with stroke lengths extending up to 3 metre. Manufactured entirely in-house, each cylinder is designed to withstand demanding operating conditions while ensuring minimal leakage through advanced sealing technologies. Every unit undergoes rigorous high-pressure testing for quality assurance. Hydraulic cylinders are built to perform consistently, even in the most challenging industrial environments.



Clamping Cylinders

Designed for precision holding and positioning, our clamping cylinders deliver reliable performance across a variety of industrial and manufacturing applications. Engineered for consistent force output and space efficiency, these cylinders ensure secure clamping in high-cycle operations. Their sturdy construction and minimal maintenance requirements make them ideal for demanding production environments.



Telescopic Cylinders

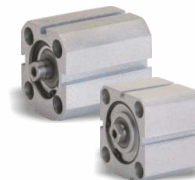
Built for long stroke applications within compact spaces, our telescopic cylinders provide extended reach without compromising on structural integrity. With a tiered, multi-stage design, they ensure smooth, controlled extension and retraction. Each unit is engineered for durability, reliable sealing, and optimal performance under varying load conditions.

Pneumatic Cylinders

Our Pneumatic cylinders are designed for high-efficiency applications where precise speed control, reliability, and low-maintenance are crucial. These cylinders offer smooth, controlled motion with superior air-tight sealing and minimal air consumption.

Precision engineering ensures consistency and responsiveness, making them ideal for automation, material handling, and various manufacturing processes. With robust construction and a versatile range of configurations, they are built to perform in both standard and challenging environments, offering flexibility and reliability.

**Short Stroke
Cylinders**



**ISO Deluxe
Cylinders**



**ISO Economy
Cylinders**



**Heavy Duty
Cylinders**



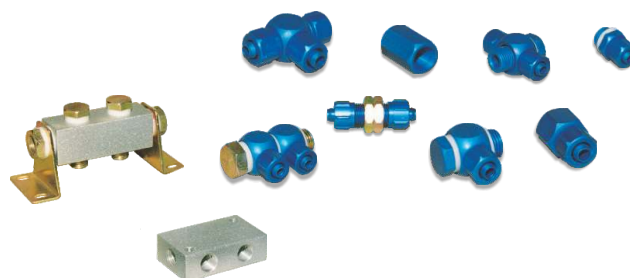
Valves

Designed to regulate, direct, or control the flow of fluids and gases, our valves are built with high-quality materials that ensure durability under extreme conditions. With options for manual, flow control, and solenoid actuation, they are tested for leak-proof sealing, optimal pressure handling, and smooth operation. Available in various sizes and configurations, our valves provide seamless integration into hydraulic and pneumatic systems, delivering consistent performance and long service life.



Manifolds & Connectors

We offer a comprehensive range of connectors engineered for secure and efficient fluid connections. The product range includes male and female connectors, swivel elbows and tees, bulkhead connectors, and more. Designed for leak-proof performance, connectors ensure reliable operations in diverse systems. Their robust construction facilitates easy installation and maintenance, making them suitable for a wide array of industrial applications.



Filters Regulators Lubricators

FRL units integrate filtration, pressure regulation, and lubrication into a compact assembly, ensuring optimal performance of systems. Constructed with aluminium housings and polycarbonate bowls, these units are designed for durability and ease of maintenance. With flow capacities up to 2800 litre/minute and operating pressures up to 16 bar, our FRL units are suitable for a wide range of industrial applications.

**Air Pressure
Regulators**



Air Filters



Lubricators



**Air Filter-
Regulators**

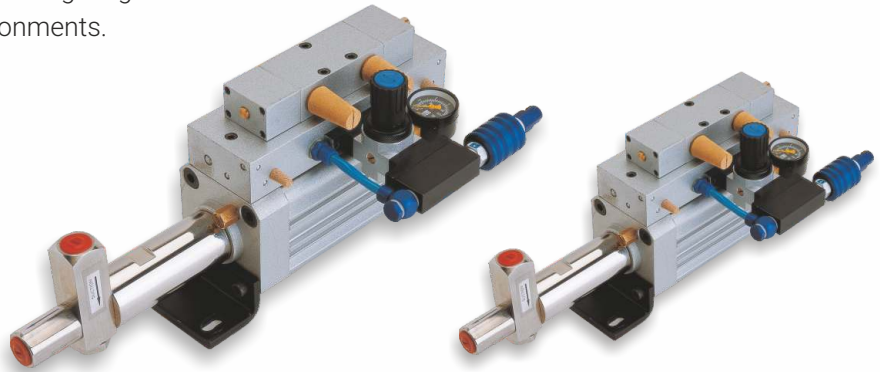


**Filters-Regulators
Lubricators**



Hydro-Pneumatic Pumps

With versatile pressure ratings and compact designs, our hydro-pneumatic pumps are ideal for applications such as hydraulic testing, power pack systems, and pressurisation tasks where precision and power are critical. Designed for reliability and durability, they feature corrosion-resistant materials, ensuring long-lasting performance even in harsh environments.



A competent team

with the expertise to develop customised solutions

Dutta Control is a team of over 150 experts, including qualified and highly experienced engineers, engaged in manufacturing hydraulic and pneumatic solutions of global standards for some of the world's well-known companies.



Proven manufacturing practices to ensure world-class quality



Material readiness

We maintain a large inventory of premium-grade raw materials to ensure uninterrupted production. This allows us to respond quickly to customer requirements without compromising on quality. With this readiness, we meet tight deadlines confidently and consistently.





Precision machining

Our advanced CNC machines, sourced from global leaders, deliver parts with utmost accuracy. Every component is machined to exact specifications, ensuring uniformity across batches. This precision minimises errors, avoids rejections, and improves reliability of our products. Our technical team monitors each process parameter to maintain world-class standards.



SPMs for welding

We have developed in-house Special Purpose Machines for welding that ensures uniformity, strength, and dimensional accuracy without any pinholing. This process guarantees strong joints that are critical to safety, especially in high-pressure hydraulic cylinders. Each weld undergoes thorough inspection and testing to eliminate the risk of leakage. This level of control helps us maintain consistency and structural integrity across all units.

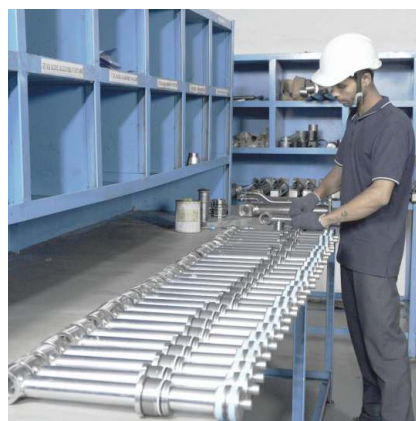


Honing machine

Our custom-built honing machines are capable of handling a 3 metre long tube, allowing us to finish even the longer cylinder tubes with precision. A superior surface finish reduces wear and enhances performance, directly impacting product performance and life. This advanced capability sets us apart in the industry.

Clean room assembly

For products used in sensitive applications, cylinders are assembled in a special area. This controlled area ensures dust-free environment. Components are handled with extra care to maintain cleanliness and avoid contamination. This makes our products suitable for demanding sectors like food processing, pharmaceuticals, defence, aerospace, and medical equipment.





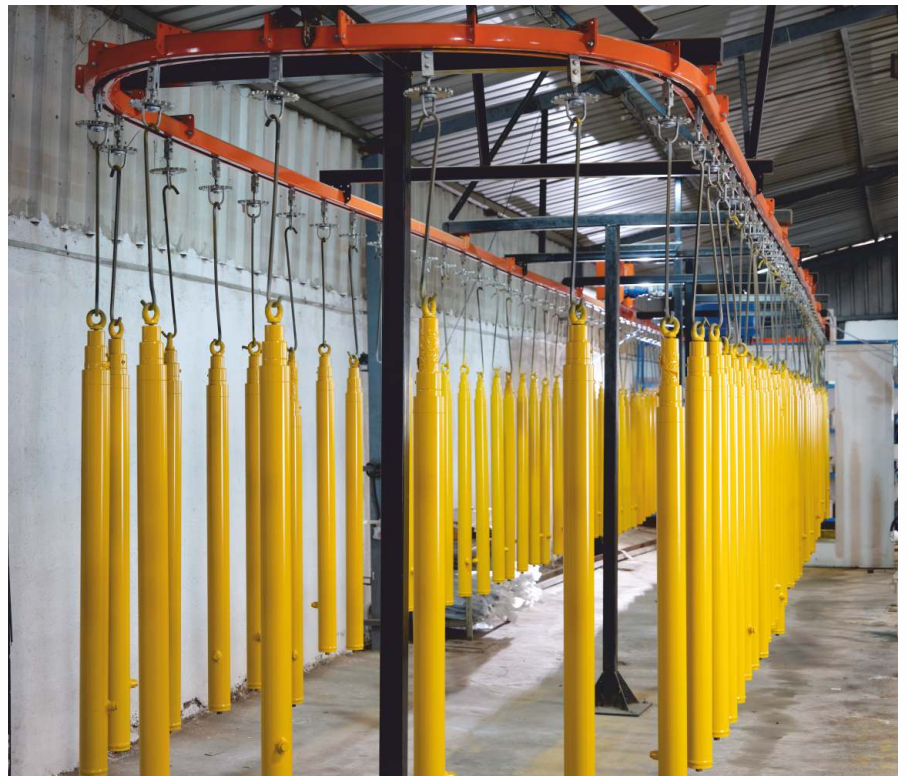
Real world testing

Every product is tested under real-world conditions before it leaves our facility. We simulate high-pressure environments and actual usage scenarios to ensure each unit performs flawlessly. This rigorous approach helps identify even the smallest defect before the product reaches the customer. It's our way of guaranteeing durability, performance, and peace of mind.



Conveyorised coating system

Our conveyorised painting system provides a smooth, uniform finish to every product. The coating process not only improves the aesthetics but also primarily enhances corrosion resistance. By automating this process, we ensure the consistency and long-term durability of every cylinder. This gives our products the resilience to perform in harsh conditions for years.



**Reliable
technology
from an
established
company.**

Serving diverse industries with precision

Automotive industries



Pharmaceutical machines



Steel plants



Car carrier vehicles



Car lifting equipment



Car parking systems



Crawler rigs



Piling rigs



Mining equipment - Crushers



Plastic injection molding machines



Blow molding machines



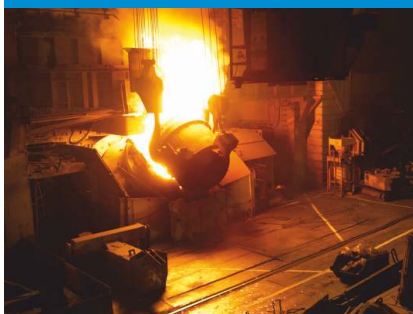
Welding fixtures



Defence sector



Furnace applications



Sugar plant equipment



Concrete block making machines



Concrete mixtures



Self-loading concrete mixtures



Scissor lifts



Scissor lift - Airport



Aerial work platforms



Cement industries



Material handling



Dock leveller



Paper and pulp



Construction equipment



Backhoe & skid steer loader



Agricultural implements



Waste handling - Road sweeper truck



Waste handling - Garbage compactor



Sales & Service Network



Dutta Control

Registered Office:

Gat No. 83, Jyotiba Nagar, Talwade
Tal. Haveli, Dist. Pune 411 062 INDIA
M: +91 93710 10086 | 99225 84455
E : duttacontrol@gmail.com
www.duttacontrol.com

Head Office & Works:

Gat No. 961, Nighoje, Chakan
Besides Tata DLT, Tal. Khed
Dist. Pune 410 501 INDIA

Direct Sales Associates