PREFECT
HYDRAULICS

Precision Engineered Hydraulic, Aerospace & Marine Solutions

Engineering Excellence Built on Innovation



Bangalore, India | www.prefecthydraulics.com

About Prefect

Where Precision Meets Purpose

Prefect Hydraulics Pvt. Ltd. is a technology-driven engineering company specializing in hydraulic systems, automation solutions, aerospace support equipment, and marine systems. From concept development to manufacturing and testing, we deliver customized solutions designed for demanding industrial and defence applications.

Our Values

Precision Engineering

Customer First Mindset

Indigenous Innovation

Quality & Compliance

Our Philosophy

Precision in every detail.
Commitment in every partnership.

We are a AS 9001:2016 Certified Company, Certified by TUV NORD.

Our Mission

To design and manufacture high-performance, precision-engineered solutions tailored to our customers' exact needs; delivering quality, reliability, and measurable value.



Why Choose Prefect

Trusted Engineering Partner for Defence & Industry

01

AS9100:2016 Certified

Our aerospace quality management system ensures every product meets the strictest global standards for defence and aviation applications.

02

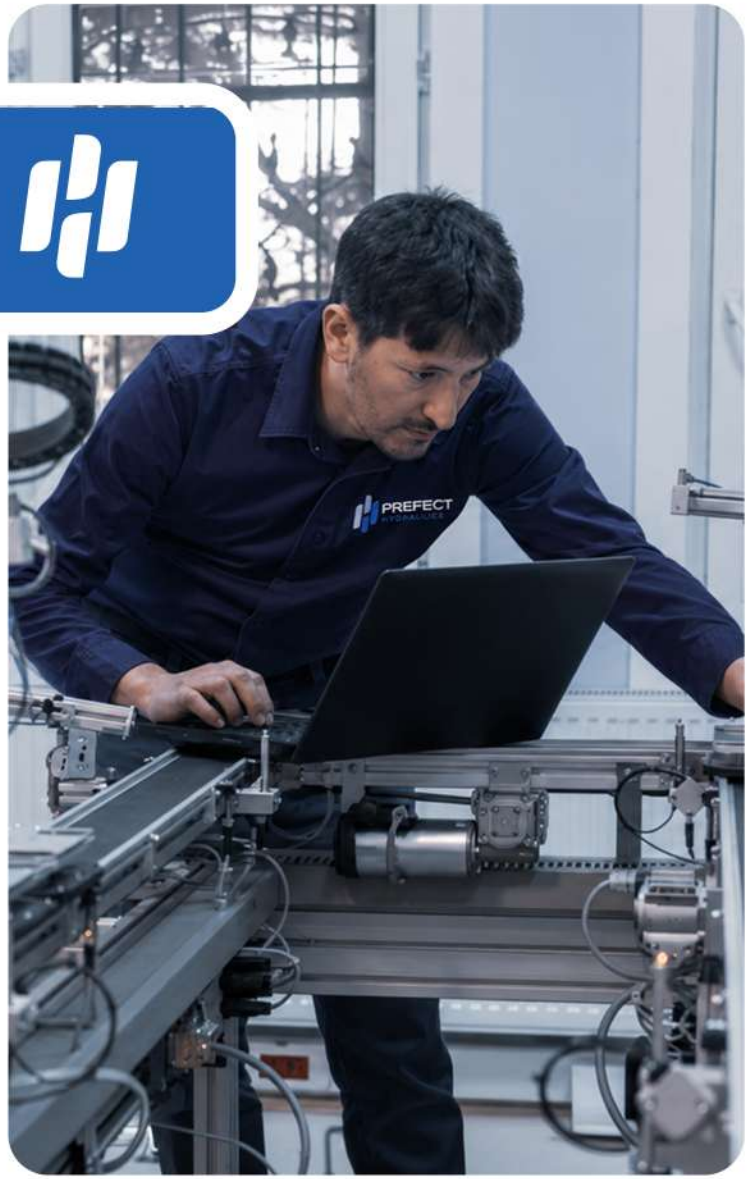
First-in-India Innovations

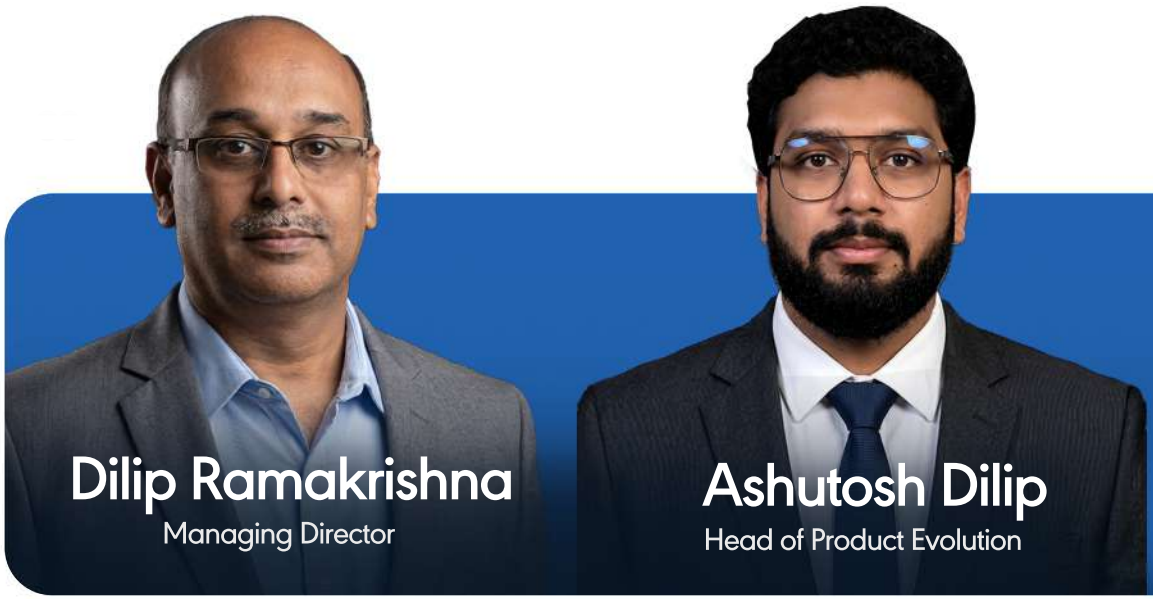
We pioneered several aerospace and marine products now in active service with India's armed forces a first-in-India achievement that defines our engineering legacy.

03

Trusted by India's Armed Forces

Our clients include HAL, Indian Army, Indian Navy, Indian Air Force, Indian Coast Guard, Goa Shipyard, GRSE, and leading industrial firms such as Dynamatic Technologies, Honeywell, and Toyota.





Dilip Ramakrishna
Managing Director

Ashutosh Dilip
Head of Product Evolution

The People Behind Every Precision Solution

Our multidisciplinary team of engineers, designers, and specialists brings together decades of experience in hydraulics, aerospace, marine, and industrial engineering.

Trusted by India's Leading Defence & Industrial Organisations

TIMKEN · TATA POWER · Honeywell · HAL · walvoil · Gates · TOYOTA TSUSHO · WEIR MINERALS · TITEFLEX AEROSPACE · wipro · TURBOTECH · Dmmi GOLE · MPP Technologies · OLAER · NAYARA ENERGY · MAINI GROUP Value delivered. Always · TAKRAF TENOVA

Our Expertise

Delivering Precision Engineering Since 2008

At Prefect Hydraulics, we believe great engineering begins with understanding. By combining technical expertise with a customer-first mindset, we transform complex challenges into dependable, purpose-built solutions.

17+

Years of Engineering Excellence

80+

Products Developed

Hydraulic Solutions

Prefect Hydraulics designs and manufactures a comprehensive range of hydraulic systems including power packs, cylinders, test rigs, manifolds, and special purpose machines. Every system is custom-engineered to meet specific operational requirements.

- Hydraulic Power Packs
- Hydraulic Cylinders
- Test Rigs
- Manifold Solutions
- Machine Tools & SPMs
- Bending & Shear Presses
- Deep Drawing Presses
- Material Handling Equipment

Aerospace Solutions

Prefect Hydraulics develops and manufactures aerospace Ground Support Equipment (GSE) and Ground Handling Equipment (GHE) for both rotary-wing and fixed-wing aircraft. Our equipment is in service with HAL, the Indian Air Force, and the Indian Army Aviation Corps.

- Hydraulic Testing Systems
- Aircraft Towing Equipment
- Engine & Systems Servicing
- Calibration Instruments

Marine Solutions

Prefect Hydraulics designs and manufactures marine deck machinery including rescue boat davits, mooring capstans, anchor capstans and shipboard launch and recovery systems for naval and commercial vessels. All marine products are MED compliant and SOLAS certified.

- A-Frame Boat Davits
- Dual-Arm Boat Davits
- Marine Hydraulic Systems
- Design & Commissioning

Our Products

Aerospace Products

Hydraulic Service Trolley 20HP
Model number:
PH-AS-GSE-HST-20



Hydraulic Service Trolley 100HP
Model number:
PH-AS-GSE-HST-100



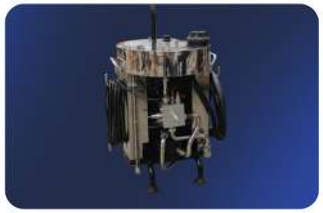
Oxygen Booster Trolley
Model number:
PH-AS-GSE-OBT-120



Portable Refuelling Trolley
Model number:
PHPL-AS-GSE-PRT-75L



Aero-Engine Intake Cleaning System
Model number:
PH-AS-GSE-EICS



Aircraft and Wheeled Helicopter Tow Tug
Model number:
PH-AS-GHE-WTT-20



Skid Helicopter Tow Tug
Model number:
PH-AS-GHE-STT-4



Hydraulic Pressure Generator
Model number:
PH-AS-GSE-HPG



Digital Pressure Gauge
Model number:
PH-AS-GSE-DPG-ROT



Pocket Manometer
Model number:
HAL-TM0807G001



Pitot Static Air Data Leak Tester
Model number:
PHPL-AS-GSE-PSADTS
-6065-4CH



Our Products

Engineering Products

Hydraulic Cylinders

Model number:
PH-ENG-HC




Hydraulic Power Pack

Model number:
PH-ENG-HPP















Test Rigs

Model number:
PH-ENG-TR








Special Purpose Machines

Model number:
PH-ENG-SPM








Manifold & Customized Solutions

Model number:
PH-ENG-MCS



Oil Contamination Analyzer

Model number:
PH-EN-OCA



Our Products

Marine Products

A-Frame Boat Davit

Model number:
PH-MR-AFD-3.7



Dual Arm Boat Davit

Model number:
PH-MR-PRBD-12



Work with Prefect Hydraulics

Explore Partnership & Supply Opportunities

We welcome enquiries from defence OEMs, system integrators, and industrial companies seeking a certified, proven hydraulic engineering partner.





Prefect Hydraulics Private Limited

An AS9001:2016 Certified Company

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