



SPECIAL FEATURES

- ♦ High strength steel piston rods accurately ground and hard chrome plated to ensure anti-corrosion and maximum life of bearing and seals. Toughened, alloy steel piston rods available on request.
- ♦ Seamless drawn cylinder pipes are precisely honed to a fine finish internally to provide long life for piston seals and to prevent corrosion.
- ♦ Piston and ram seals to bronze filled PTFE having very low coefficient of friction anti-extrusion characteristics ensure perfect sealing with absolutely frictionless smooth movement.
- ♦ Cartridge-type sealing concept for piston rods enables easy maintenance and replacement of seals without opening of cylinder and covers. This facility is extremely useful where cylinder are mounted on machine structure since the cylinder does not have to be dismantled.
- ♦ Piston and piston rod are supported with replaceable self-lubricating bronze filled PTFE bearings which provide accurate and smooth frictionless movement.
- ♦ End covers are all fabricated and are of robust design to withstand heavy forces. Cold phosphatising is done for rust prevention prior to painting.
- ♦ Wide varieties of mounting styles are available.
- ♦ Tie rod design make the cylinder rugged and maintenance easier.
- ♦ INSPECTION: Hydrostatic Pressure testing of all hydraulic cylinders at maximum working pressure for leakages and guaranteed performance.
- ♦ Optional piston and rod threads may be offered on request.
- ♦ For special cylinders like double ended cylinder, stroke adjustment cylinders and cylinders for mobile application, please contact our sales Department.

INTRODUCTION

Established in 20th January 1991, Patson Machine tools located in Vadodara, India. Patson Machine Tools is small scale engineering unit engaged in manufacturing spares.

Patson Machine Tools Company Seriously believes in the manufacture of high quality and reliable machines capable of meeting customer's process and production demand. Satisfying customers by providing personalized service is Company's Motto.

Patson Machine Tools Company will be recognized global market leader in high pressure hydraulics. Manufacturer of hydraulic cylinders, Presses, Hydraulic systems, components for the manufacturing and construction industries, Type industries, steel plant productions, operation and repair

Today, dedicated teams of individuals are working on each continent – focusing on the industries needs for hydraulic components, i.e. for the heavy construction trade. Lifting, lowering, pushing, pulling, bending, holding, stressing, cutting, spreading, bolting,. Demanding projects worldwide have been accomplished faster and more safely with help from Patson's integrated hydraulic systems and equipment. Talk to us about your project. Our experienced team of professionals can help solve even your toughest applications.

