

Macrodyne Technologies Inc. Canada (North America) is our trusted partner in hydraulic press solutions. Static Hydraulic Private Ltd and Macrodyne has been working together manufacturing and promoting large and complex presses in India, some of which are fully loaded with AGRs, robots, advanced tracking and quality control automation. One among them is the 10,000-ton servo-hydraulic forging press with advanced speed and control options. This is 1 of 4 presses, each supplied turnkey with custom automation, QC solutions, and a Die Storage and Retrieval System.



We value our partnership and the trust which we have mutually built. It is our joint mission to continuously exceed our customer's expectations and deliver exceptional products and services to Indian OEMs and service providers.

Macrodyne has established a reputation over the last several decades for value in the supply of custom heavy duty hydraulic presses, press lines and die handling equipment while **Static Hydraulic Pvt Ltd** is a pioneer in designing and manufacturing Hydraulic Presses up to 1200MT, Hydraulic Power Packs, Hydraulic Cylinders, Hydraulic Lock Bolt Tool & other oil based hydraulic SPMs as per customer specifications and requirements. Since its inception in 1993, Static has built a dedicated and committed team over the years comprising of Experienced Design and Engineering professionals, Efficient Technicians and Workforce, Aggressive Marketing personnel and Sound Administrators.

Macrodyne has extensive experience with the turnkey supply of hydraulic press lines, all of which are fully integrated with any required ancillary equipment. Examples of hydraulic press lines of **Macrodyne** supplies include:

- Hydraulic forging press lines
- Hydraulic hot stamping press lines
- Hydraulic cold forming press lines
- Hydraulic press lines for automotive roof assemblies
- Hydraulic press lines for composite & rubber moulding applications
- Hydraulic press lines for destruction of military ordinance
- Hydraulic press lines for automotive interior components
- Hydraulic press lines for automotive transmission components



Manufacturing of the 10,000 Ton Presses: Image 1 - HPU at Macrodyne's Racco Facility. Each HPU will have 4 x 400HP pump motor groups with high-pressure closed loop piston pumps that will deliver up to 600 Liters per minute of hydraulic oil at 7250 Psi. Image 2 - Machining the frame plates(1 of 6) at Macrodyne's Concord facility that will form the frame of the press. Each frame with the bolster will weigh 830,000 Lbs, and will be 195" wide x 395" high x 105" deep. Image 3 - Cylinders during the manufacturing process. Each cylinder weighs 165,000 Lbs, and has a bore diameter of 59.25".

