

Increase Hydraulic Motor Performance, Including High Speed and High Torque

The M-HC2D-011 is a compact intensifier system supplying higher start pressure and full by-pass flow to run the motor at optimal speed and torque.

Our applied expertise and understanding of your business allow us to deliver dedicated, reliable and user-friendly products and services that fit your specific application requirements and reduce your total cost of ownership.

The intensifier systems provide high-performance solutions for well-known application challenges such as:

- Hydraulic motors with 20-30% less start torque.
- Applications requiring 30- 50% more start torque, due to stick-and-slip phenomena.
- There are a couple of expensive traditional alternative solutions such as:
 1. A 2-motor solution, running in parallel during start. When moving, it runs on 1-motor. The solution requires a control circuit with 2-motors and gearboxes.
 2. A separate PTO-driven motor-pump combination providing higher flow and pressure mounted on the attachment.
- Oil motors can handle a 150-200% intermittent pressure providing a sufficient start torque and the right speed when moving.
- Agriculture trailers and equipment where the supplied pressure from a tractor is limited to 207 bar (3,000 Psi) by law.
- Orbitrol motors with high leakage.

The performance of the intensifying solution no longer depends on the pressure level of the tractor, which is another great advantage. The reason for this is that the miniBOOSTER intensifying system maintains the pressure up to the allowed maximum as required by the attachments.

