



*Your Partner in Trusted Performance
Proudly Made in the USA*

Star Hydraulics Pressure Intensifier

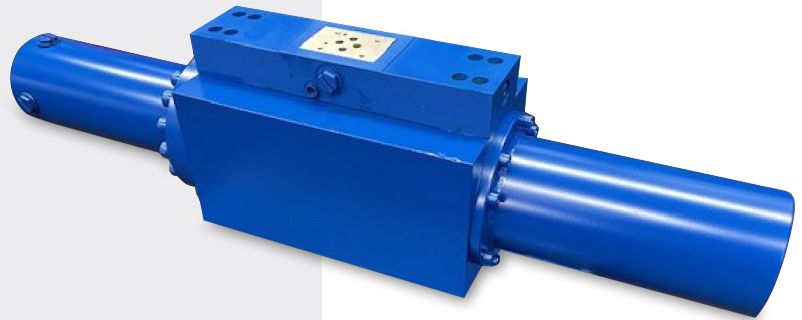
Key Features

Intensification Ratio: Up to 20:1
Design Type: Single-Stroke Cylinder
Average Operating Pressure: Up to 3,000 PSI
Customization: Each unit is precision-built to meet specific application requirements

Delivers up to 20:1 force amplification using your existing hydraulic system. Compact, precise, and built for high-pressure performance.

Typical Applications

Cyclic Pressure Testing
Burst Pressure Testing
Materials Testing
High Strength Work Holding
Hydroforming



Performance Advantages

Greater Media Flexibility:
Separate drive cylinder (input) and intensified pressure (output) circuits allow the output fluid type to match or differ from the input fluid type, accommodating a wide range of media.

High Operating Pressures:
Engineered to amplify input pressure, these units deliver the desired power for demanding tasks and eliminate the need for a dedicated high-pressure system.

Optimize Your Space:
Designed to maximize performance across applications of all sizes while significantly reducing the space and energy typically required by larger high-pressure systems.

Engineered for Seamless Integration

Star's single-stroke hydraulic pressure intensifier easily integrates with both new and existing hydraulic systems. By using the system's existing pressure, the intensifier generates the higher output pressure needed to complete the required task.

Each unit can be tailored to achieve the desired intensification ratio and fluid displacement. Pressure intensification occurs through the differential area between the drive and driven cylinders. This process multiplies the input pressure to deliver consistent, intensified output performance.

**Amplify Your
Performance – Scan
to Get Your Custom
Pressure Intensifier**

THE ALKON
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