

INLINE PRESSURE RELIEF VALVE

DIGGA

RELIEF PROTECTION

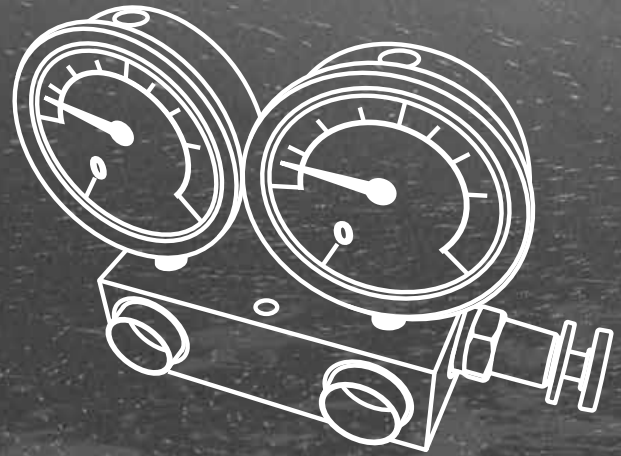
Offers secondary relief protection to the hydraulic drive unit.

ADJUST PRESSURE

Adjust pressure to your drive unit independently from the parent machine. This allows for maximum torque adjustment of the drive unit and ensures that screw anchors are not subjected to excessive torque resulting in damage or destruction of the screw anchor.

PLUG & PLAY SYSTEM

Pressure gauges are mounted to the valve to monitor pressure. Use on its own, or with your existing drive unit ECV. The Inline Relief Valve should also be mounted as close as is possible to the drive unit.



INLINE PRESSURE RELIEF VALVE



INLINE PRESSURE RELIEF VALVE

DIGGA

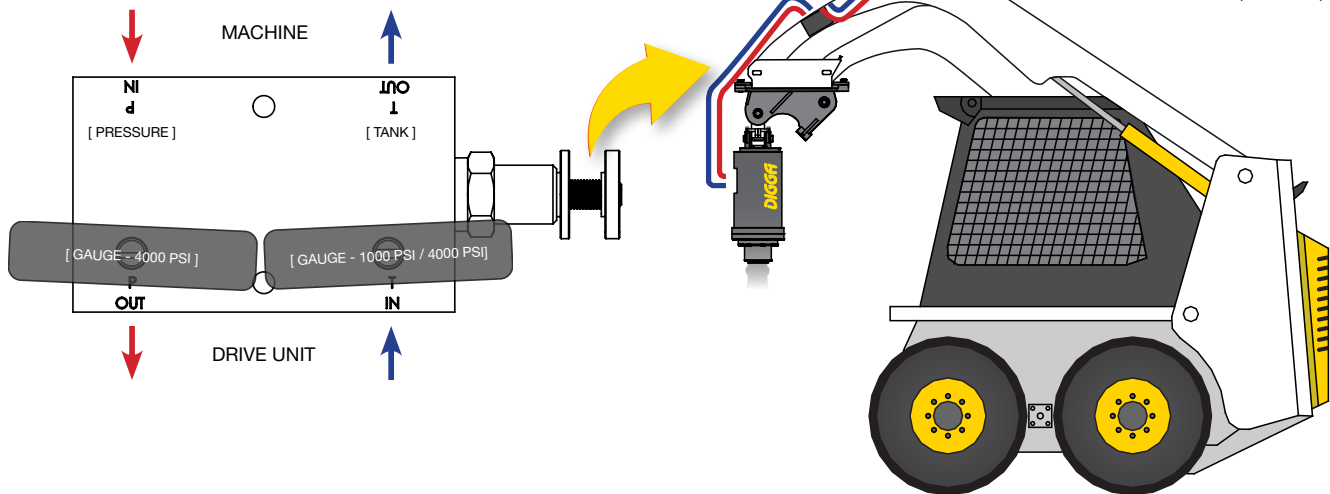
EASY TO INSTALL

1. Connect the pressure hose from the machine that will rotate the shaft of the drive unit clockwise to the port marked '[P] In'.
2. Connect the machine return line hose to the port marked '[T] Out'.
3. Connect the port marked '[P] Out' to the pressure side of the motor.
4. Connect the port marked '[T] In' to the return side of the motor.

Attach the Gauges directly to the 1/4" NPT Ports on the face of the valve.

HYDRAULIC LINES

- PRESSURE LINE (SUPPLY)
- TANK LINE (RETURN)

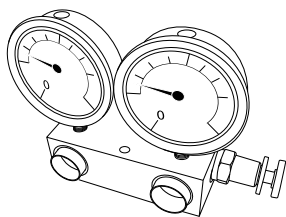


TORQUE MONITORING OPTIONS

The Inline Pressure Relief Valve can be used in conjunction with either Digga Torque Logic or Differential Pressure Gauge to obtain accurate torque measurements while controlling the torque the drive unit is capable of transmitting through the pile.

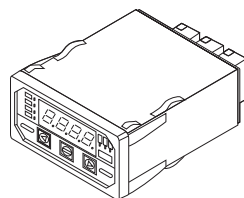
The Differential Pressure Gauge displays the hydraulic pressure being applied through the drive unit, which can then be reference back to a torque chart to give a theoretical torque measurement.

The Digga Torque Logic monitoring system will provide accurate torque readings of over 99% accuracy. This system also has the ability to be able to data log the results of each pile installation.



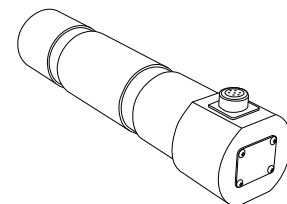
INLINE PRESSURE RELIEF VALVE

+



PRESSURE DIFFERENTIAL GAUGE

OR



TORQUE LOGIC MONITORING SYSTEM