



HIDRACAR S.A.

APPLICATION OF OLEO-PNEUMATIC ACCUMULATORS IN MACHINE-TOOLS

This application is useful for keeping the pressure in the hydraulic jaws of the chucks in CNC lathes and machining centres.

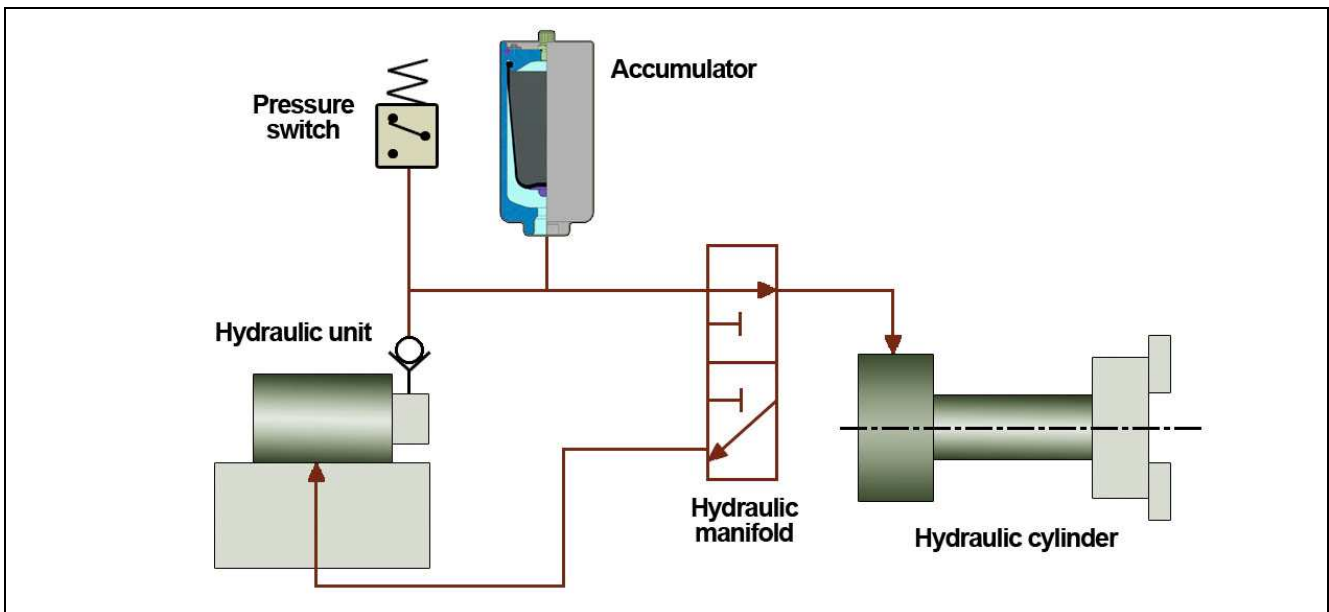
The task of the accumulator is to prevent the hydraulic pump from working continuously, what entails energy savings and extends the working life of the pump.



The specific advantage of installing an **HIDRACAR** accumulator lies in the fact that if the bladder of the accumulator breaks, it can be changed without being necessary to dismantle the accumulator from the circuit, what results in savings both in man-hours and machine downtime; and the obvious additional saving of reusing the accumulator, being possible to just change the bladder instead of having to replace the whole apparatus.

Also, by examining the state of the bladder it is possible to determine if there is any problem in the hydraulic circuit (metal shavings, etc...).

This system operates in the following cycle:



NOW MORE THAN EVER, INSTEAD OF DISPOSING, REUSING