



In low-, medium- and high-pressure hydroelectric plants, run-of-river plants and storage plants (including pumped storage plants) Sauer compressors are used for

- braking air for pneumatic brakes
- adjusting turbine blades and large valves (e.g. governor valves)
- blowing air to blow out the water and eliminate the load during starting
- preventing pulsation and cavitation

Product line	Product ranges	Variants
SAUER	<ul style="list-style-type: none"> //// Mistral //// Passat //// Breeze //// Typhoon //// 6000 series 	Basic, ComSilent Volume flow 50 – 600 m ³ /h Pressure range 30 – 100 barg Media Air, nitrogen

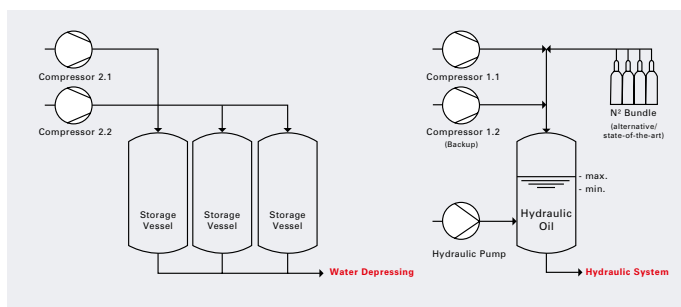


Compressors

The compressors are usually sized to recharge the storage vessels within 1 hour after water depressing. Final pressure of the compressors depends on the particular design pressure of the system. It was often in the range of 60 to 75 barg and is now increasing due to usage of nitrogen bundles.

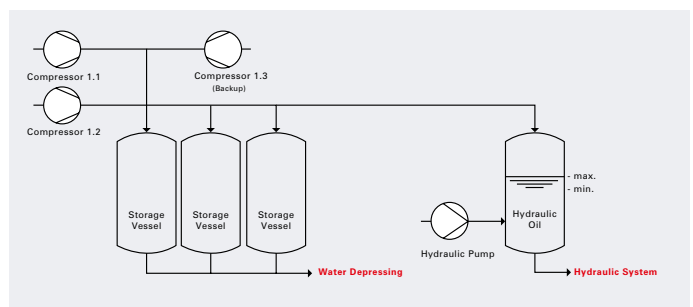
Individual Supply

Water depressing and governor control have their own independent supply with high-pressure air or nitrogen (governor control only).



Common Supply

Water depressing and governor control are sharing the air-compressors.



Dependable up to 500 bar – anywhere, anytime, anygas.