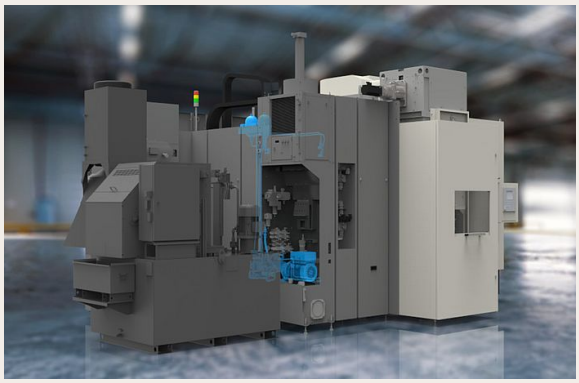
BLUE Hydraulics

Sustainability | Energy Efficiency



Series

H

Control

SIEMENS Solutionline

Discover the solution for energy-efficient hydraulic technology with BLUE Hydraulics. The targeted control of the hydraulic pump using a frequency inverter optimizes your energy balance. In addition, innovative accumulator technology enables the hydraulic pump to be switched off temporarily even during productive phases.

Characteristics

_ Compared to the standard hydraulic pump:_ Energy savings per year (exemplarily for H2000 Gen.2): -5,760 kWh*

_ CO2 savings per year (exemplarily for H2000 Gen.2): -1,262 kg CO2*

_ * = Assumption energy statuses per day - STANDBY 4h, OPERATIONAL 4h, WORKING (with maximum cooling capacity in spindle warm-up) 16h. Energy statuses pursuant to VDMA form 34179, carbon emission according to the current fuel mix in Germany 434 g/kWh, with 250 working days per year

Benefits

_ Energy savings depending on the machining process compared to a system without frequency control

_ Extension of the service life of the hydraulic pump

_ Reduction in long-term maintenance costs

Requirements

_ SIEMENS Solutionline