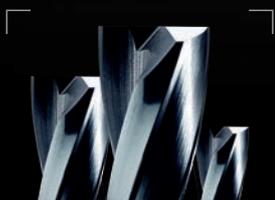


50 YEARS
NACHI
NACHI EUROPE GmbH
**OUR SYNERGY
YOUR PERFORMANCE**

HYDRAULICS



BEARINGS



TOOLS

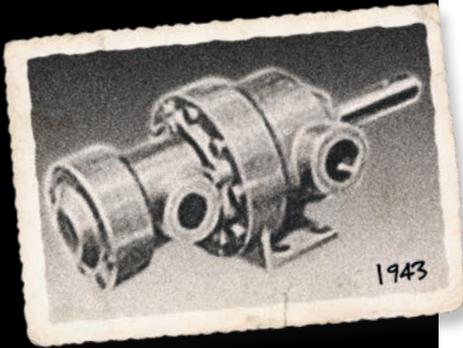


ROBOTICS



HYDRAULICS

HYDRAULICS



“With the invention of its first vane pump in the year of 1943 NACHI started to capture the hydraulics sector.”



PCR Slew Drive



PVD Split Flow Piston Pump



PHV Travel Motor

**No. 1
IN THE
WORLD**

Travel motor and slew drive for compact excavators.

NACHI's hydraulic drives excel in compact excavators world wide.



Since the invention of NACHI's first vane pump in the year of 1943, NACHI gained an outstanding position within the hydraulics market and continues to secure its solid market position through continuous research and development.

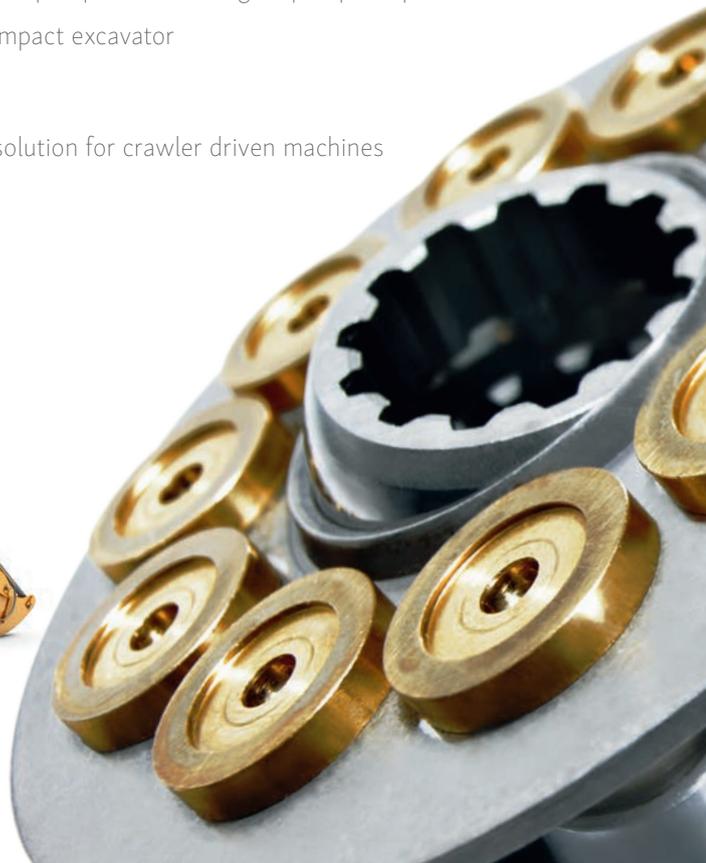
Since many years we have been a strong partner in the field of industrial and mobile hydraulics. Compact, reliable and efficient solutions are a result of our long-term and interdisciplinary application knowledge.

Our strong market position involves a high degree of automation and a comprehensive manufacturing know-how. This success is based on our access to unique company-wide synergies.

Hydraulic Solutions for Construction Machinery

NACHI-Fujikoshi is the worldwide leading and well-known manufacturer of efficient, reliable and compact hydraulic equipment for use in compact excavators

- ▶ Slew Drive:
reliable, maintenance-free, decreased installation height and high torque
- ▶ Combined Pumps:
proven combination of piston pump and internal gear pump to operate all hydraulic functions of a compact excavator
- ▶ Travel Motor:
the tailor-made reference solution for crawler driven machines



Applications in Industry and Automation

Worldwide NACHI offers industrial hydraulics for a broad range of applications:

Sheet Metal Forming:

- ▶ servo hydraulics for bending presses
- ▶ press bar units
- ▶ energy on demand: operation only in case of motion of the press is active

Main Advantages:

- ▶ energy-saving
- ▶ low noise
- ▶ very little maintenance and service support
- ▶ high accuracy in bending



Machine Tool:

- ▶ clamping of workpieces
- ▶ clamping of tools
- ▶ clamping of steady rest and tailstock
- ▶ clamping of different axis in various applications

Main Advantages:

- ▶ energy-saving operation of units and valves
- ▶ very low internal leakage, thereby low heating
- ▶ low noise (53dB)
- ▶ extended maintenance intervals
- ▶ high power density
- ▶ reduced costs

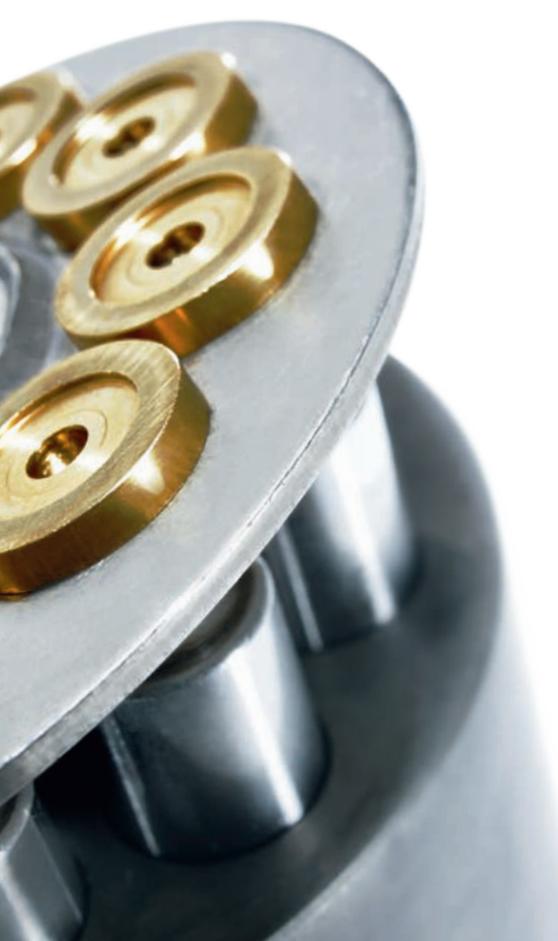


Components for Customized Applications:

- ▶ pumps
- ▶ valves
- ▶ accessories

Main Advantages:

- ▶ extended lifetime
- ▶ less internal leakage for high efficiency
- ▶ low operating costs

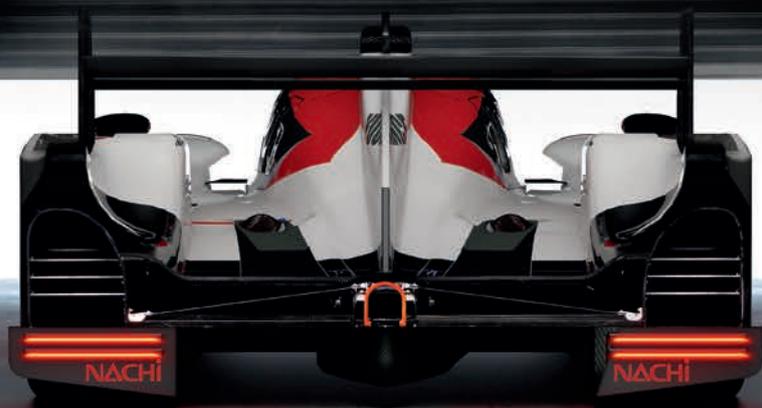


PVD Pump Rotary Assembly



“We maintain a team spirit with our partners to realize customized projects and solutions.”

50 YEARS
NACHI
NACHI EUROPE GmbH
**OUR SYNERGY
YOUR PERFORMANCE**



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