

A family business with tradition



Christian H. Kienzle
CEO ARGO-HYTOS group

Formation and starting years

The today's ARGO-HYTOS group has its seeds in the former company Argo GmbH for precision mechanics and has been in the possession of the Kienzle family for several generations. The Argo GmbH was established on 7th July 1947 in Stuttgart and has developed from the former sales company for Kienzle taximeter, located in Stuttgart. Argo originally was a brand name of the Kienzle instruments for manufacturing of taximeters.

In the early years, Argo GmbH started to produce its own products in a former cigar factory in Menzingen / Baden while continuing to repair and lease taximeters for the Kienzle company. Soon an autonomous production program for magnetic filters and strainers was developed and in 1952 Argo filed a patent for magnetic filters. Shortly thereafter, the portfolio was expanded to hydraulic filters for the mobile and industrial hydraulics.

From component manufacturer to worldwide operating system supplier

The production program has been continuously expanded and international expansion has been promoted. In 1993, ARGO purchased shares in the Czech hydraulic manufacturer HYTOS, a company already having a 50 year experience in the production of components for fluid & motion control. Since 2003, both companies have traded under the name ARGO-HYTOS. Meanwhile, ARGO-HYTOS develops and produces a multitude of standard components as well as individual system solutions for fluid technology. Today, the ARGO-HYTOS Group employs more than 1200 people in its production companies in Germany, the Czech Republic, India and China as well as many proprietary international sales and assembly companies. The company has established itself as a leading supplier, especially in the field of mobile hydraulics. Especially in the division of the industrial and mobile hydraulics, the company was able to establish itself as one of the leading suppliers with products of the hydraulic fluid and motion control, sensor technology, hydraulic filtration and oil service units.

*ist doch klar
meine Herrn...*

Wenn Sie Ihr Schmieröl zu einem Freibad für Metallsplitter machen, geht das Fahrzeug in die Binsen. Holen Sie die Splitter heraus, und Sie werden sehen, um wieviel länger Ihr „gutes Stück“ lebt. —

Wie man das macht? Ganz einfach, man verwendet die

ARGO
MAGNETSCHRAUBE

an Stelle der Ölablauf-Schraube und kann so bei jedem Ölwechsel die eingefangenen Störfriede leicht beseitigen.

HYTOS

Schlauf geregelt!
Digital onboard

- Prognose mit digitaler oder analoger Elektronik in NG 4, 6 und 10
- Äußerer Regelkreis integrierbar

HYTOS - hat die Lösung!

FSP



Jetzt kenn ich meinen Gewinn

Kienzle

Taxe
LIBRE
Somme à payer

*Pro intérêt
vous en jeu
Pour vous permettre cela!*

Pour chaque voiture, il existe un Taximètre Kienzle adéquat.

Das ist das ARGO Rücklauf-Filter.

Das ist das ARGO Saugfilter.

NEU
Jetzt auch für 170 l/min

Auch bei Kaltstart volle Leistung in Hydrauliksystemen mit hydrostatischem Antrieb durch Überdruck in der Saugleitung.

ARGO bietet ein neuartiges Filtersystem für Hydraulikanlagen mit hydrostatischem Antrieb: Rücklauf- und Saugfilter in einem Filtergehäuse. Somit ist nur noch ein Filter erforderlich für das Rücklauföl aus der Arbeitshydraulik und das Zulauföl für die Speisepumpe des hydrostatischen Antriebes. ARGO macht's möglich: Mehrere Funktionen in einem.

Weitere Vorteile:

- Integriertes Druckbegrenzungsventil als Überdrosselventil
- In die Filterfestlegung integrierbarer Ölspalt
- Zwei Absperrentile ermöglichen Filterwartung bei gefülltem Tank trotz Anordnung unter Ölniveau
- Filtergröße: 10E oder 20E (810 ≥ 75 oder 820 ≥ 75 nach ISO 4572).

ARGO FILTER, Zuverlässiger Partner der Industrie.

ARGO

ARGO GmbH für Fluidtechnik, D-76703 Kraichtal, T

Kienzle

Splitterfänger



ARGO-HYTOS

EXAPOR[®] MAX2

Innovation in Filtration

- Schutzfilter** **NEU**: Schutz der Ventilschicht, Vermeidung der Differenzdruck- und Durchflussmengenprobleme
- Festflüssigkeit** **NEU**: Abschließung einer Phase, Vermeidung der Ölverschmutzung
- Verfälschung** **NEU**: Abschließung großer Partikel, Erhöhung der Viskositätskontrolle
- Hydratisierung** **NEU**: Schutz vor ungewollter Hydratisierung, Vermeidung von Schäden, Erhöhung der Lebensdauer, Erleichterung der Filter- und Ventileinrichtung
- Sicherheitsventile** **NEU**: Zusätzliche Schutz bei Transparenz mit einer Differenzdruckkontrolle von 160 bar
- Hydratisierung** **NEU**: Schutz vor ungewollter Hydratisierung, Vermeidung von Schäden, Erhöhung der Lebensdauer, Erleichterung der Filter- und Ventileinrichtung
- Gewebestrompf** **NEU**: Zusätzliche Schutz bei Transparenz mit einer Differenzdruckkontrolle von 160 bar

Argo de magnetische olieplug

Magnetische Carterpluggen

De magnetische olieplug

ARGO

MAGNET-SPLITTERFÄNGER FÜR

VW

ARGO FILTER, Zuverlässiger Partner der Industrie.

ARGO

ARGO-HYTOS Germany - ARGO-HYTOS GMBH - Industriestraße 9 - 76703 Kraichtal-Menzingen - info.de@argo-hytos.com | Czech Republic - ARGO-HYTOS s.r.o. - Delnická 1306, 54315 Vrchlaby - info.cz@argo-hytos.com - ARGO-HYTOS Protech s.r.o. - Pohraniční 27, 70602 Ostrava-Vitkovice - info.protech@argo-hytos.com | France - ARGO-HYTOS SARL - 7, rue des Frères Rémy - 57200 Sarreguemines - info.fr@argo-hytos.com | United Kingdom - ARGO-HYTOS Ltd. - 6A Aspen Court, Aspen Way - Centurion Business Park - Rotherham, S60 1FB - info.uk@argo-hytos.com | Italy - ARGO-HYTOS srl - Via Del Girasole 51 - 41010 San Damaso, Modena - info.it@argo-hytos.com | Netherlands - ARGO-HYTOS B.V. - Zwarte Zee 44 - 3144 DE Maassluis - info.benelux@argo-hytos.com | Poland - ARGO-HYTOS Polska sp. z o.o. - Ul. Kochanowskiego 3 - 34-100 Wadowice - info.pl@argo-hytos.com | Scandinavia - ARGO-HYTOS Nordic AB - Topplöcksgatan 18 - 21241 Malmö - info.se@argo-hytos.com | China - ARGO-HYTOS Hong Kong Ltd. - 70 Ta Chuen Ping Street - Kwai Chung, Hong Kong - info.hk@argo-hytos.com - ARGO-HYTOS Fluid Power Systems Co. Ltd. - Beijing 101102, 10A - No. 15 Jingsheng South - Four Street, Tongzhou District - info.cn@argo-hytos.com | India - ARGO-HYTOS Pvt. Ltd. - SF. No. 82B/2B, 85/2 - Sandegoundanpalayam, Kovilpalayam post, Pollachi taluk - Coimbatore district, 642110 - info.in@argo-hytos.com | USA - ARGO-HYTOS Inc. - 1835 North Research Drive - Bowling Green - Ohio 43402 - info.us@argo-hytos.com

Find additional worldwide distribution partners at www.argo-hytos.com

65 years of expertise in fluid technology



Fluid technology has been our passion for over 65 years.

Dr Jakob Kienzle (1849-1935), founder of Kienzle Watches



Brennabor 6/25 PS type R4 Phaeton (built 1926) as a test vehicle for Argo taxi meters and tachographs by Kienzle



Kienzle taxi meter plant in Villingen (c. 1932)



Advertisements for Kienzle Taxameter und Apparate AG, 1929-1931



Kienzle Apparate GmbH company site in Villingen (c. 1965)




Brands through the years




Sales brochures for Kienzle Apparate GmbH (from the mid-1950s to the late 1970s)




Excerpt from the Trade Register, first register entry on July 7, 1947




Start of production in Menzingen




Administrative offices in Stuttgart in the early days



Master of Economics Jochen Kienzle (1925-2002), founder of ARGO



Staff chart from the 1960s, and holiday file from the 1950s



Kienzle splinter guard promotional poster (around 1950)




Magnet filter patent certificate from 1952




Argo splinter guard promotional poster (around 1953)




Brochure program summary (c. 1960)




Magnetic coils promotional poster (c. 1957)




Programme for a company outing, 1958




Company outing, 1959, leaving Heilbronn




Company outing, 1961, Lake Constance



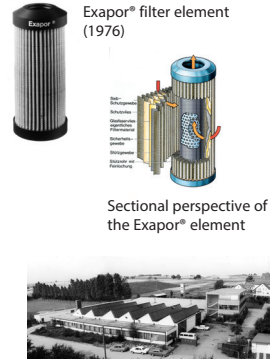
Production in Menzingen (1961)




Brochure ARGO program summary (1973)



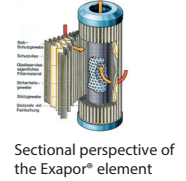
Expansion of company premises in Menzingen (1970)



Exapor® filter element (1976)



Sectional perspective of the Exapor® element



1822 Johannes Schlenker clock making workshop founded in Schwenningen
Manufacture of wood-spindled watches

1856 Founding of C. Werner clock factory in Villingen,
manufacturing alarm clocks, regulators and clock mechanisms

1905 Start of manufacturing of taxi meter clocks for use in horse-drawn carriages

1905 Construction of first calculator

1885 Renaming of Johs. Schlenker to "Schlenker & Kienzle"

1897 Dr.-Ing. h.c. Jakob Kienzle (1849-1935)
sole owner of company after the departure of his brother-in-law C.J. Schlenker

1905 Manufacture of pocket watches

1913 Acquisition of C. Werner clock factory in Villingen by Schlenker & Kienzle
C. Werner is the owner of the Argo trademark

1914-18 Herbert Kienzle interned in the United States during the First World War, becomes acquainted with Henry Ford's assembly line production process

1919 Company renamed Kienzle Uhrenfabriken KG, Schwenningen

1922 Company goes public as Kienzle Uhrenfabriken AG, Schwenningen floats on the Stuttgart Stock exchange

1926 Dr Herbert Kienzle takes over as Chairman of the board of Kienzle-Uhrenfabriken AG

1928 Manufacturing of the „Autograph“, predecessor of the Kienzle tachograph

1929 Dr Herbert Kienzle (1887-1954) resigns from Kienzle Uhrenfabrik due to a dispute regarding the implementation of production line manufacturing and founds Kienzle Taxameter und Apparate AG in Villingen on June 19, 1929

Manufacture of metering devices for automobiles and chart recorders

1938 Company renamed Kienzle Apparate AG

1939-45 During the Second World War, Kienzle Apparate also produces „war essentials“, such as splinter guards for tank gearboxes

1944/45 Parts of the production process are outsourced due to the war and subsequently transferred to Kraichtal

Start of 1945 1200 employees

April 1945 Cessation of production

May 1945 61 employees return to work

December 1945 179 employees

Production of taxi meters under the „Argo“ trademark, tachographs, parking meters, and office machines beginning in 1950

Beginnings in Stuttgart and in Kraichtal

1947 July 7, 1947 Founding of Argo GmbH für Feinmechanik in Stuttgart by Master of Economics Jochen Kienzle for the production of taxi meter watches and precision instruments, With Jochen Kienzle as the Managing Director and Karl Reichert as authorised representative

1948 Start of manufacturing of simple sheet metal parts and immersion heaters using machines transferred to Kraichtal during the war, in the decommissioned cigar factory formerly operated by Funke and Huster in Menzingen.

In the first years after the war, production of Kienzle splinter guards, and later magnetic coils for filtering out metallic particles in oil, as well as precision instruments such as vibration recorders, machine monitoring instruments, time recorders and temperature recorders as a supplier to Kienzle Apparate GmbH in Villingen.

From Kienzle to ARGO products

1950 19 employees, turnover: approximately DM 250,000

Shortly followed by development of an independent manufacturing programme for magnetic and screen filters

1952 Magnetic filter patent

1950s Expansion of product range to include hydraulic filters due to the rapid rise of the German machine construction industry

1956 D 20 – The first flow-through filter

We grow along with our products

1960 Acquisition of current company premises in Menzingen
33 employees, sales of approximately DM 1.4 million

1961 Construction of new building on the Talstraße (now Industriestraße) in Menzingen

1960-69 Development of customer-specific filters for gearboxes

First pleated paper filter elements: in the beginning the first pattern was folded using a ruler; the first folding machine was introduced in the mid-1960s

1965 Administrative offices moved from Stuttgart to Menzingen, company headquarters now in Menzingen

From magnetic coils to hydraulic filters

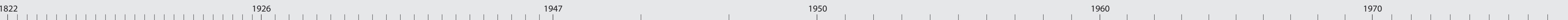
1970 Expansion of production floor and administrative building
150 employees, sales of approximately DM 8.2 million

1971 E 103 – First in-tank return filter with integrated air breather filter

1972 ES 074 – First in-tank suction filter with closed hydrostatic drives

1976 EXAPOR® – innovative, multilayer filter elements made from inorganic microfibre fleece

1977 Heinz Schmidt, who joined the company in 1954, is appointed the next Managing Director (until 1991)



Return filter advertisements, 1984



ARGO convention booth at the Hanover Fair, 1989




Advertisement for return suction filter (1987)




Das ist das ARGO Rücklauf-Filter. Das ist das ARGO Saugfilter.




Expansion of company premises in Menzingen (1991)




Construction of new reception area Menzingen (1991)




Dedication of new building (1991)




First plastic return filter „lightline“ (1993)




Product brochure for release of new return filter „lightline“




A look at Vrchlabi, CZ, at the edge of the Giant




Textile mill W. Jerie (1851-1939)




First NC processing machine (1973)



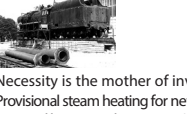
Ettel paper factory (1772-1851)




Machine tool branch factory TOS (1950-1992)




Necessity is the mother of invention: Provisional steam heating for new building, operated by a steam locomotive (1984)




Company premises in Vrchlabi (2003)




Proportional valve advertisement from 2002




Certification in accordance with DIN ISO 14001




FSP convention booth at the Hanover Fair 1997



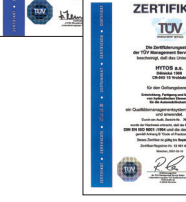
System solutions promotional poster from 1998



FSP brochure folder title (1997)



Certification in accordance with DIN ISO 9001



Promotional poster EXAPOR® MAX from 2003



New corporate building for ARGO-HYTOS Inc., USA 2005



New directional valve NG 10 (2004)



Stand at the Hanover Fair, 2007



New manufacturing facility for ARGO-HYTOS Pvt. Ltd., India 2008



Entrance, 2008



Filter element production in clean room conditions, 2008



Opening of new manufacturing facility in India, 2008



New cartridge valve, slip-in series, 2006



Company premises of ARGO-HYTOS s.r.o., Czech Republic 2008



Production facility, prefabrication area, 2008



Entrance, 2008



Cafeteria, 2008



New corporate building for ARGO-HYTOS Nordic AB, Sweden 2009



EXAPOR® MAX 2 – new filter element generation 2009



Into the future with innovative solutions

1980 206 employees, sales of approximately DM 17.1 million

Expansion of product line – Continuous enhancement and completion of individual model series

1983 Founding of ARGO S.a.r.l., France

1986 Expansion of the AV building and implementation of autonomous manufacturing

1987 E 198 – First return suction filter for ski slope grooming equipment

Global expansion

1990 Christian H. Kienzle joins the company as the sole managing director
229 employees, sales of approximately DM 28 million

1990 Founding of ARGO UK Ltd., United Kingdom

Joint venture between FluidTecnica, Italy and ARGO GmbH

1991 Completion of new building, floor space expanded from 3200 m² to 9000 m², 260 employees, turnover: over DM 32 million

Heinz Schmidt retires after a distinguished career

1993 Company renamed ARGO GmbH für Fluidtechnik

1993 Acquisition of portions of HYTOS a.s. in Vrchlabi, Czech Republic

1993 lightline – First plastic return filter with a new connection design for the return line

1993 Production of small units for adapter ramps

1994 Start of production of Private Label Valves NG 6 for Denison Hydraulics, USA

License agreement with Binder in Villingen for the manufacture of a new magnet for NG 6 valves

From filter specialists to systems providers

1995 Founding of FSP-Holding and FSP Fluid Systems Partner GmbH in Kraichtal as a distribution company for ARGO GmbH and HYTOS a.s.

1995 Certification in accordance with DIN EN ISO 9001

1996 Transmission control for ZF / AGCO Fendt (for power-split gearboxes)

Start of screw-in valve product line

1997 Acquisition of Ecotec-Hof GmbH product range by ARGO Ecotec GmbH Systeme für Fluidservice, company of ARGO GmbH für Feinmechanik

Expansion of product range to include oil service devices

1997 Dr Wolfgang Mann appointed Managing Director

1997 50th anniversary

1998 Integration of new Sensor and Measurement Technology business unit

Joint venture with ARTI (ART Instruments Inc., Grants Pass, Oregon, USA) and acquisition of European distribution rights for optical particle counters made by RION Co. Ltd., Japan

Thereby expanding product range to include particle counters for oil hydraulics, water technology and clean room monitoring

1998 Acquisition of distribution rights for screw-in valves for Integrated Hydraulics Ltd., United Kingdom, for sale in Germany, Austria, Switzerland, Benelux and the Czech Republic

1998 Segmentation of product range into three areas: Filter Technology & Fluid Management, Control & Regulation Technology, Sensor & Metering Technology

1998 LS 117 – The first plastic suction filter for industrial trucks

1999 Founding of FSP Benelux B.V., Netherlands

Founding of FSP US, Inc., USA

2000 Certification in accordance with DIN EN ISO 14001

2000 E 121 – First plastic return suction filter for agricultural machines

2001 EXAPOR® MAX – The new ARGO filter element generation with a novel hybrid backing fabric

„ARGO-HYTOS“ – We produce fluid power solutions

2003 Merger of distribution company FSP Fluid Systems Partners GmbH with production company ARGO GmbH für Fluidtechnik; the merged company was renamed ARGO-HYTOS GMBH

2004 Ground-breaking ceremony for new manufacturing, logistics, and administrative building for ARGO-HYTOS Inc., USA

New, high-performance generation of directional valves of the NG 10 series

EXAPOR® AQUA – new water-separating filter elements

2005 Founding of ARGO-HYTOS Nordic AB, Sweden, as well as ARGO-HYTOS Hong Kong Ltd., China

Opening of new company building for ARGO-HYTOS Inc., USA

First sensor prototype for online condition monitoring of lubricants and pressurised media

Compact filter cooler system FNK, new series of screw-in valves with 3/4"-16 UNF-2 threads

2006 Ground-breaking ceremony for expansion of production facility to 12,000 m² with a high-rack warehouse and logistics centre, ARGO-HYTOS s.r.o., Czech Republic – Founding of ARGO-HYTOS Polska sp. z o.o., Poland

New return filter series for volume flows of up to 70 l/min

New generation of cartridge valves – designed as slip-in valves

Hydraulic bracket module made from high-quality plastic with integrated suction and air breather filter

PRM7 – Proportional valve with digital on-board electronics and integrated positional feedback

2007 Ground-breaking ceremony for new manufacturing facility for ARGO-HYTOS Pvt. Ltd., India

UMPc 045 – Mobile filter unit with particle monitor

Founding of ARGO-HYTOS Fluid Power Systems (Beijing) Co., Ltd., China

2008 Opening of new production facility in India

Completion of plant expansion in the Czech Republic

2009 Ground-breaking ceremony and opening of new corporate building, ARGO-HYTOS Nordic AB, Sweden

EXAPOR® MAX 2 – Innovation in filtration, new generation of filter elements

COPS 010 – New compact drainage device

2010 Dr Marcus Fischer is appointed Technical Director; Dr Wolfgang Mann retires after a distinguished career of service

HYTOS PROTECH headquartered in Ostrava, Czech Republic, renamed ARGO-HYTOS Protech s.r.o.

Successful certification of ARGO-HYTOS PVT. LTD, India, pursuant to ISO 9001 and ISO 14001

2011 OPCOM II – Particle monitor for online monitoring of oil purity

ECO2 – New filter series for in-line mounting

FNA 110 – New filter unit for gearboxes in wind energy plants

2012 Matthias Vorbeck appointed Commercial Director

1200 employees worldwide, turnover: approximately €120 million

