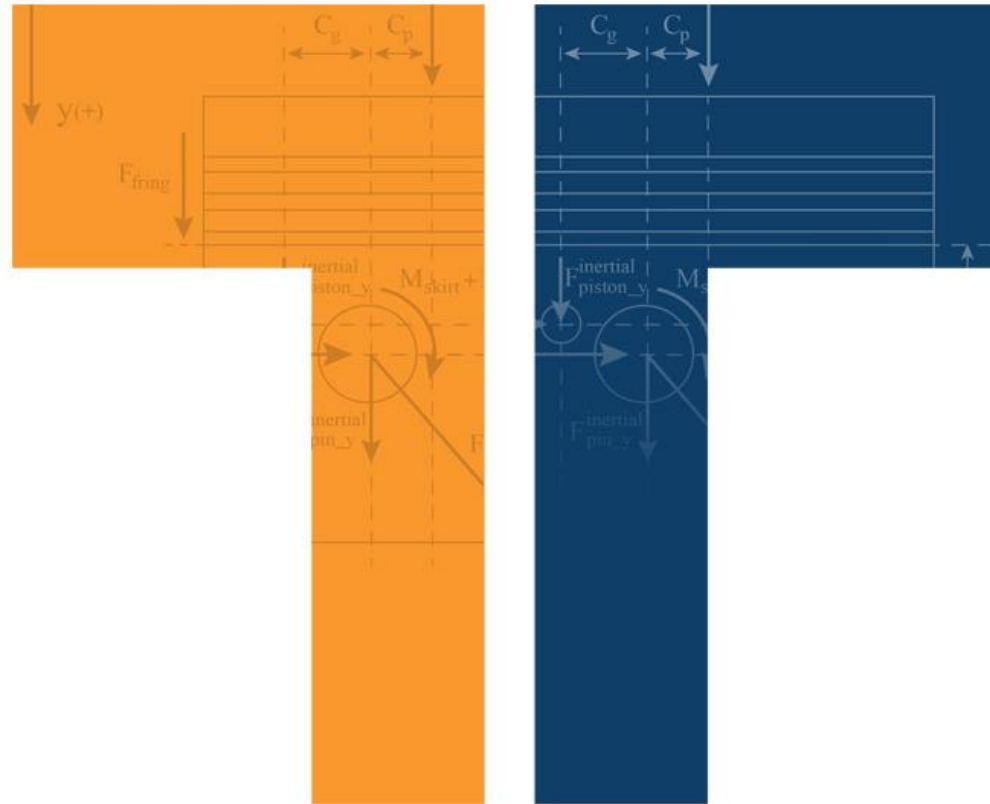




TILL
HYDRAULIK
a member of **DAIKIN** group



HIGH FORCE | COMPACT SIZE
EXTRAORDINARY PERFORMANCE

INDEX



- Brand history
- Global presence & worldwide support
- Product ranges
- Daikin overview
- Till Overview
- Products

2. TILL BRAND HISTORY



1962



2001

DIPLOMATIC
MOTION SOLUTIONS
a member of **DAIKIN** group

2021

1976



2012



2022



Today: Part of the international Diplomatic Group since December 2021 and part of the Daikin Group since July 2022



> 17.000 m²



200



1962



> 200.000 Teile



> 30 Mio.

3. GLOBAL PRESENCE & WORLDWIDE SUPPORT



DIPLOMATIC
MOTION SOLUTIONS
a member of **DAIKIN** group

CONTINENTAL
HYDRAULICS
a member of **DAIKIN** group

HYDRECO
a member of **DAIKIN** group

TILL
HYDRAULIK
a member of **DAIKIN** group

ALL WORLD
MACHINERY SUPPLY



4 . P R O D U C T R A N G E S

VALVES

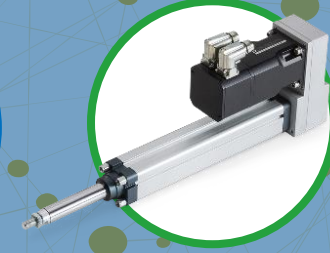
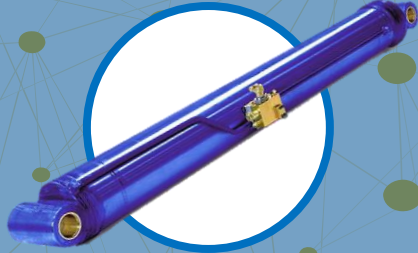
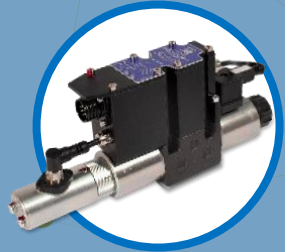
PUMPS

POWER TAKE OFFS

HYDRAULIC SYSTEMS

HYBRID SYSTEMS *
- VFD CONTROL HPU

HYBRID SYSTEMS *
- INVERTER CHILLER



MICRO HYDRAULICS

HYDRAULIC CYLINDERS

REMOTE CONTROLS

ELECTRIC ACTUATORS*

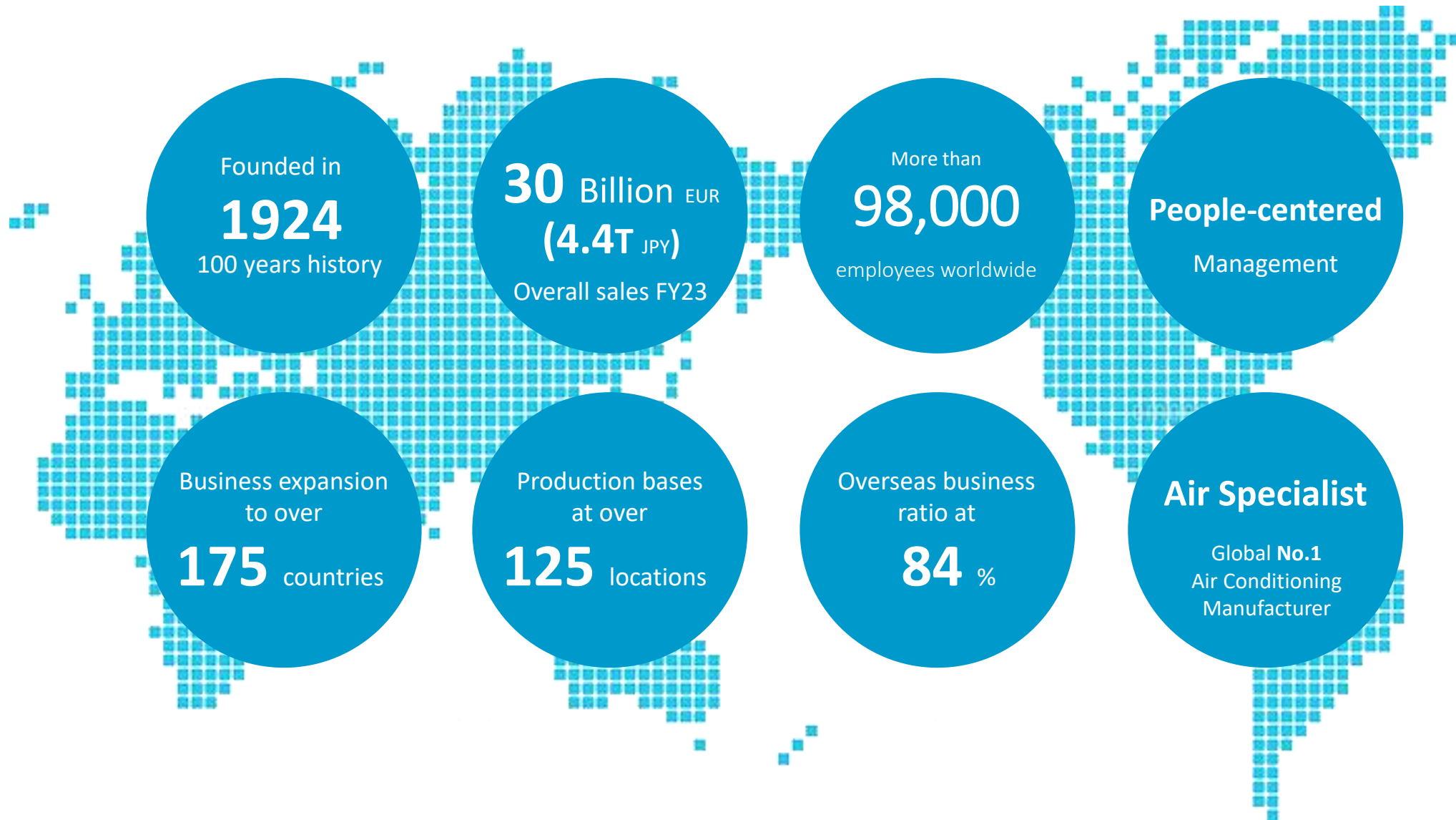
ELECTRIC DRIVES & MOTORS *

INDUSTRIAL CHILLERS *

TURNKEY PROJECTS

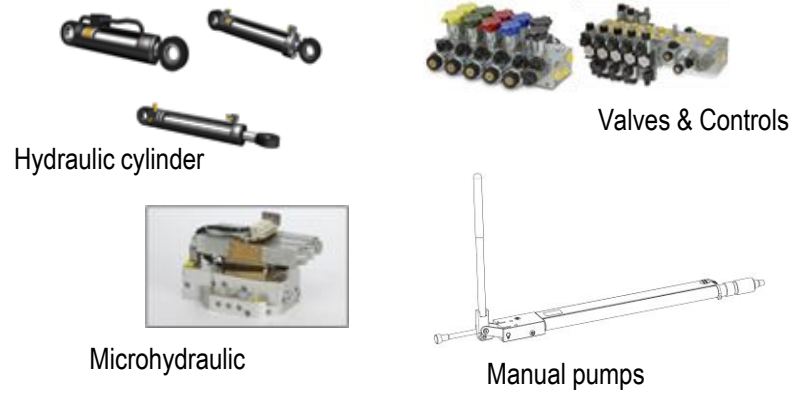
* sustainable/energy saving solutions

5. DAIKIN OVERVIEW



6. TILL OVERVIEW

Products



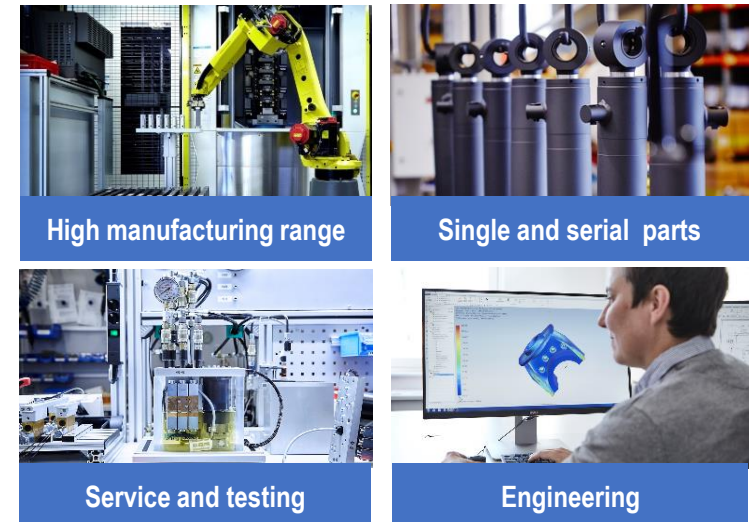
Applications



Location



Possibilities



7. Products

Hydraulic Cylinders

Product



Description

Development and manufacturing of hydraulic cylinders customized to customer requirements in small and large series.

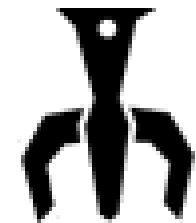
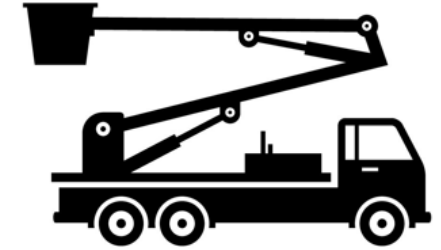
Wide range of cylinders (e.g. support cylinders, telescopic cylinders, etc.), control elements, and measurement systems (e.g. installation or assembly of valve cartridges, directional valves, limit switches, hydraulic accumulators, position measurement systems, etc.).

Production capacity of approximately 40,000 hydraulic cylinders per year.

Info

- **Cylinder dimensions:** pressure ranges up to 600 bar, piston diameters up to 400 mm, strokes up to 13,000 mm, cylinder weights up to 2,000 kg
- **Seals:** from well-known national and international manufacturers
- **Oil supply:** threaded bushings (standard), fixed pipelines, only at the bottom, only on the rod side, valve plates, internal/hidden (rod/cylinder tube)
- **Lightweight design concept:** replacement of steel with aluminum for weight reduction of up to 60%

Applications



7. Products

Valves & Controls

Products



Description

Development and production of valves and control technologies, fully customizable to specific customer requirements and adaptable to highly specialized applications.

Wide product range, including valve blocks, modular systems, system solutions, and custom solutions.

Info

- **Flow control valves** for load-independent control of the operating speed of oil motors and hydraulic cylinders; 2 or 3-way valves.
- **Control devices** based on the load-sensing system (electric/mechanical, 3-way inlet pressure compensator, including valve series for pump input flow rates up to 120 l/min).
- **Load-dependent proportional control LAP modular system** (e.g., electrically proportional 3-way flow regulator for the independent operation of a second motor).

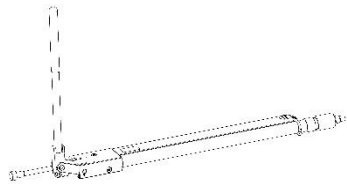
Applications



7. Products

Hydraulic Cylinders

Product



Description

Development and production of **microhydraulic complete systems**, widely used, including for medical applications.

Micro valves size 02 and pressure up to 600 bar.

Info

- Customized compact power units for niche applications.
- Manufactured according to thoroughly tested bills of materials and drawings to ensure reliable installation and assembly of all components.
- **Strict quality control** throughout the entire development and production process of compact power units.

Applications





Thanks for your attention

www.till-hydraulik.de.com

CONTACT

till-he@till-hydraulik.de