

alkitronic[®]

company profile
alki TECHNIK GmbH



www.alkitronic.com

TORQUE POWER WORLDWIDE

who we are

- Manufacturer of **specialized bolting equipment** for professional use in various industrial fields.
- **30 years experience** in development, production and worldwide distribution of high-tech torque multipliers.
- The **alkitronic product range** provides all drive technologies: electric, pneumatic, hydraulic and manual.
- Our brand **alkitronic** stands for quality, robustness, high precision and customer-oriented services **made in Germany**.



history

- 1984:** **Foundation** of alki-HYDRAULIK in Ingolstadt, Germany
- 1988:** **Patent:** electrical torque tools with automatic shut-off
- 1995:** First **international sales office** abroad (alki-France)
- 2000:** **Innovation-Award** „TOP 100 Germany”
- 2005:** Grand-Opening of the **new headquarters building**
- 2008:** **Alexander Kipfelsberger** join's the management
- 2012:** alkitronic is **represented in over 40 countries** around the world
- 2014:** **30 years anniversary** of the trademark alkitronic

Since the beginning alki TECHNIK GmbH is a **family-owned** company



use in various industries

- Mineral oil & gas production
- Wind turbines
- Steel construction
- Iron and steel production
- Power plants & turbines
- Mining, tunneling and civil engineering
- Chemical and pharmaceutical plants
- Petroleum and gas facilities
- Pumping systems & valves
- Shipbuilding
- Track construction & railway industry
- and further more!



our worldwide clients



more references:

- ThyssenKrupp
- MAN
- ENERCON
- AUDI
- GE wind
- Gazprom
- KraussMaffei
- Liebherr
- Caterpillar
- Siemens
- Voith
- Herrenknecht
- ZF

Наши клиенты на российском рынке

- РАО «ЕЭС России»
- ООО «Стройгазконсалтинг»
- ООО «Уренгойгорстроймонтаж»
- ФГУП концерн «Росэнергоатом»
- ОАО "Сварочно-монтажный трест,,
- ОАО «Мостострой 6»
- ООО «Холдинг-Стройсталь»
- ОАО «Газпром»
- ОАО «Силовые машины»
- ОМЗ (Объединенные машиностроительные заводы)
- ОАО «Лукойл»
- ОАО «НК Роснефть»
- ОАО «Российские железные дороги»
- и другие

products // electric series

Key facts:

- ideal for **high torques**
- **fast operating** speed
- **exact** precision
- **large number** of joints
- **turbo-assembly** applications
- 100 Nm up to **45,000 Nm**
- efficient **brushless synchronous motor**
- all international power grids (**100-253V / 45-66 Hz**)
- **IP54**: protection against moisture and dust
- **±3%** repeatability
- **automatic shut off** for precise reaching of the torque

EFCip



EFC



EFW



R/SG



ECip-N



alkitronic in action...



products // battery powered series

Key facts:

- extremely **short fastening cycles**
- **mobile and always ready for use**
- **exact** precision
- **helth-preserving**
- low running costs
- 90 Nm up to **4,000 Nm**
- efficient **brushless synchronous motor**
- **intelligent energy management: two lithium-ion battery packs** ensure up to 360 screw joints in a row
- **exact shut-off torque** even at low battery levels
- **±3%** repeateability
- very low susceptibility to damage and failure

EA2



alkitronic in action...



products // pneumatic series

Key facts:

- rotate **continuously**
- greater torque **accuracy**
- **less** need for repair
- **high-performance** gear
- different **sound absorbers**
- 120 Nm up to **48,000 Nm**
- Optional with **ATEX**-Certification: II 2 G D c IIB T6 for use in hazardous areas
- **Simple 1-finger operation** for right/left rotation
- **Robust motor housing** from cast aluminum

CLD



CLD/L



CLS



CLS2



CLV



alkitronic in action...



products // hydraulic series

Key facts:

pumps:

- **High speed** electric driven **hydraulic pump** up to 700 bar / 10,000 psi
- Useable in all international power grids (**100-253V / 45-66 Hz**)
- **pneumatic driven** pump for use in hazardous areas

torque wrenches:

- for torques **up to 80,000 Nm**
- **Economic construction** with few single components
- Extremely flat design
- Fast and simple changing of the hexagon link

NOVA

EHPC

LHP

AS

AX

alkitronic in action...



products // manual series

Key facts:

- low energy input
- Robust and technically perfected
- more **safety**
- **accurate transfer** of high torque
- 200 Nm up to **50,000 Nm**
- ideal for **maintenance processes**
- integrated **shearing pin** protects against input overload
- anti wind-up ratchet prevents a backwind
- replace hazardous and inaccurate impact wrenches

H/HG

alkitronic in action...



flange boy // thread cleaner

Key facts:

Flange Boy:

- Easy and safe mechanical separation of piping flanges
- All parts manufactured of high quality material
- *FLANGE BOY* has proven international tests

Thread Boy:

- The air-driven thread cleaner makes it easy to clean bolts, screws and nuts
- Universal application fields for inspection works
- Avoids high-cost, messy and labour intensive conventional working methods

Flansch Boy



Thread Boy



alkitronic in action...



calibration & measurement

Key facts:

Calibration System – calibra 2020:

- comfortable calibration system designed for **precise torque measurements** of manual, electrical or pneumatic driven torque tools
- Communication between the testing equipment, sensory of the shaft-transducers and a PC **via interface**

Measurement System – MDS & HSD:

- stationary work place and application on the spots
- individual composition of bolting processes
- Guaranteed quality and documented joints

Calibra 2020



MDS



alkitronic in action...



our service



- **technical on site advice**

Problems should be solved where they occur - because of your individual requirements, we will visit you on-site to analyze the application together to find the best solution for you.



- **product training**

It is our pleasure to answer all your questions in regard to operation, to ensure you get the most effective and efficient use of our products.



- **calibration, repair & spare service**

We provide measuring and calibration systems for precise torque measurement and setting of your machines. In case of repairs we will restore your tools quickly and reliably, for you to continue using your quality alkitronic tool.

your PLUS for more performance

greater Quality

first class production
use of high-quality materials
long product service life
30 years of experience in bolting systems
made in Germany – worldwide patented

great precision

accurate and customized torque
high repeated accuracy
high reliability in continuous operation
recordable tightening outputs
automatic shut-off

greater productivity

fast error-free torquing
hazardous area rated (IP 54, ATEX)
worldwide power supply compatibility
safe operation- easy instruction
low maintenance and cost-efficient

better service

technical on site advice
instruction and training courses
manufacturer's calibration and certification
lifecycle maintenance
spares and repair service

please contact us...



find more Information about us on our **alkitronic website:**

www.alkitronic.com

or contact your **alkitronic distributor** in your country:

www.alkitronic.com/en/torque-multipliers-distributors

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