



ASSEMBLY
TECHNOLOGY

www.dogasassembly.com



PRODUCTIVE SOLUTIONS

As an industrial process expert,
we help you meet your challenges.



80 years
of expertise



8.4/10
overall customer satisfaction



49 countries
served by our importers or subsidiaries



100
employees in France



25,780 K€ turnover
in 2025, consistent revenue growth



ISO 9001:2015
quality management certification



RSE certification
Ecovadis Bronze rating



5 Reasons to trust us



Expertise

Our Field experts propose solutions adapted to your environment and specific needs..



Innovation

By developing the products and the services of tomorrow, we offer you new perspectives or prospects.



Performance

Our high added value solutions improve your performance and guarantee the final quality of the production.



Commitment

Aware of your objectives, we commit ourselves to helping you to reach them.



Reliability

Our organization, which has been ISO 9001 certified since 1996, is the guarantee of your satisfaction.

Our businesses



ASSEMBLY TECHNOLOGY

- Assembly tools
- Torque reaction arms
- Process management and monitoring
- Torque measuring instruments
- Sockets, bits and accessories
- Screw feeding
- CELPRO project cell



USINAGE

- Palletization robots for machining centers
- Cutting tools
- Turning accessories
- Milling accessories
- Ground steel



SOUDAGE

- Robotic welding
- MIG welding machines
- TIG welding machines
- ARC welding machines
- Filler metal
- Welding accessories



SERRAGE, OUTILLAGE ET HYDRAULIQUE

- High torque bolting
- Lifting
- Pumps
- Hydraulic equipments
- Rotabroach range

ASSEMBLY TECHNOLOGY BUSINESS

Our assembly, ergonomics and traceability solutions contribute to enhance your productivity, controlling your process quality and meet the requirements of industry 4.0.

A premium offer of products and services

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Main business sectors



Car
manufacturer

Subcontractors

Aerospace
industry

Home
appliances

Transport

Energy

Electronic

Luxury

ASSEMBLY TOOLS



Your assembly process is unique: from the ergonomics at the work station, the required bolting accuracy, the required production speed, the assembly complexity, a requirement for traceability, etc.

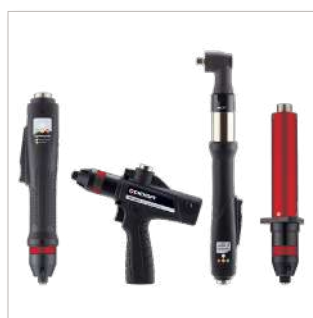
The wide range of DOGA industrial screwdrivers and the choices we will make together will meet your production and quality requirements.



TORQUE AND ANGLE CONTROL SCREWDRIVERS: MD Series

From 0.01 to 49 Nm

- ▶ Straight, pistol, angle head or spindle for automation
- ▶ Ergonomic and accurate (closed-loop control and angle encoder)
- ▶ 15 tightening programs - 15 models and 2 multisteps programs
- ▶ Programming, monitoring and curves analyzing via controller with user friendly interface / delivered PC software / integrated web server
- ▶ Uploading of tightening programs and results communication via Modbus, Open Protocol, Ethernet IP or Profinet (option)



TRANSDUCERIZED TORQUE AND ANGLE CONTROL ELECTRIC SCREWDRIVERS: MDT Series

From 0.2 to 186 Nm

- ▶ Straight, pistol, angle head or spindle for automation
- ▶ Transducer with torque and angle control
- ▶ 15 tightening programs - 15 models and 2 multisteps programs
- ▶ Real time monitoring and curves display on controller or PC
- ▶ Special strategies: seating point detection, prevailing torque
- ▶ Uploading of tightening programs and results communication via Modbus, Open Protocol, Ethernet IP or Profinet (option)



CORDLESS TORQUE AND ANGLE CURRENT CONTROL SCREWDRIVERS:

BM Series

From 0.1 to 49 Nm

- ▶ Pistol or angle head
- ▶ Lightweight, ergonomic, robust and accurate (closed-loop control)

- ▶ Built-in digital display for basic settings – assembly results visualization
- ▶ Monitoring on built-in digital display / delivered PC software / integrated web server
- ▶ Results communication with Modbus, Open Protocol, Ethernet IP or Profinet (option), and visualization of tightening curves with the integrated software
- ▶ Tightening results traceability with the integrated barcode scanner on some models



CORDLESS TRANSDUCERIZED TORQUE AND ANGLE CONTROL SCREWDRIVERS:

BMT Series

From 0.4 to 85 Nm

- ▶ Pistol or angle head
- ▶ Torque and angle control
- ▶ Lightweight, ergonomic, robust and accurate (closed-loop control)

- ▶ Built-in digital display for basic settings – assembly results visualization
- ▶ Monitoring on built-in digital display / delivered PC software / integrated web server
- ▶ Results communication with Modbus, Open Protocol, Ethernet IP or Profinet (option), and visualization of tightening curves with the integrated software
- ▶ Integrated barcode scanner (optional) for automatic program selection and traceability of screwdriving results



STANLEY® TORQUE AND ANGLE TRANSDUCERIZED CONTROL SCREWDRIVERS:

EB Series

From 0.4 to 2,000 Nm

- ▶ Straight, pistol or angle head or spindle for automation

- ▶ Digital torque sensor and angle encoder
- ▶ Up to 255 programs
- ▶ Multiple spindle synchronisation
- ▶ User friendly display of results, curves, and alarms



STANLEY® TORQUE AND ANGLE TRANSDUCERIZED CONTROL CORDLESS SCREWDRIVERS: B Series

From 1 to 120 Nm

- ▶ Straight, pistol or angle head

- ▶ Used with or without controller
- ▶ 2.4 and 5 GHz Wi-Fi wireless communication
- ▶ Barcode scanner available (optional)
- ▶ Saving of results and curves in the tool
- ▶ DeWalt battery



BRUSHLESS ELECTRIC SHUT-OFF SCREWDRIVERS: GX - GY Series

From 0.02 to 9.8 Nm

- ▶ Straight, pistol, angle head or spindle for automation
- ▶ Precision, ergonomics and robustness
- ▶ Maintenance-free brushless motor

- ▶ Selection of rotation speeds and acceleration ramps
- ▶ Fast and accurate shut-off mechanical clutch
- ▶ Autoreverse function



CORDLESS MECHANIC SHUT-OFF SCREWDRIVERS: BSTP - BSTA Series

From 0.8 to 90 Nm

- ▶ Pistol or angle head
- ▶ Designed for industrial use
- ▶ Soft start and programmable rotation speed
- ▶ Precise, robust, lightweighted, and easy to handle
- ▶ Brushless motors
- ▶ High capacity 18 V Li-Ion batteries



PNEUMATIC SHUT-OFF STRAIGHT SCREWDRIVERS: DSE SERIES

From 0.4 to 26 Nm

- ▶ Straight, pistol, or angle head
- ▶ Precise, robust, lightweighted, and with reduced noise
- ▶ 5-vanes motor
- ▶ Pneumatic shut-off clutch



IMPULSE SCREWDRIVERS: DPTS - DPTC Series

From 5 to 450 Nm

- ▶ Straight, pistol, or angle head
- ▶ Fast, powerful, compact, and lightweighted
- ▶ Automatic shut-off technology that applies controlled torque
- ▶ Pneumatic or with battery

TORQUE REACTION AND TOOL POSITIONING ARMS



A pioneer and a leader in work station ergonomics, our wide range of torque reaction arms and tool positioning systems is an active contributor to the improvement of your operators' comfort (elimination of MSD*), of the quality of your assemblies and of your productivity.

* MSD : Musculoskeletal Disorders



POSITIONING CONTROL



It is provided by the sequencing and assembly process monitoring interface:
DPC Touch V2



LINEAR / ARTICULATED / TRAVELLING TORQUE REACTION ARMS - BA

- ▶ Install on your work surfaces
- ▶ Different types available: linear - articulated - travelling
- ▶ With or without positioning control
- ▶ Torque recovery and perpendicularity guaranteed
- ▶ Numerous options available



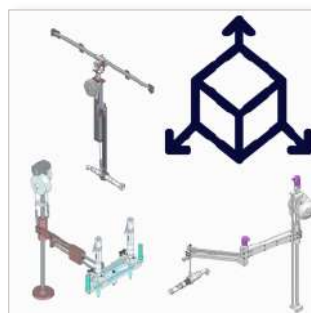
CARBON FIBER TELESCOPIC ARMS - DMF

- ▶ Suspended on a fixed chassis or a rail
- ▶ Unequaled weight / robustness / compactness ratio
- ▶ Multi-directional tightening up to 500 Nm
- ▶ With or without XYZ absolute position encoders



SUSPENDED TORQUE REACTION ARMS - SLIDER

- ▶ Suspended on a fixed chassis or a rail
- ▶ Ideal for congested workstations
- ▶ With or without XYZ absolute position encoders



SPECIAL TORQUE REACTION ARMS

- ▶ Choice of the best design according to the application and environment for optimized fluidity and ergonomics

PROCESS MANAGEMENT AND MONITORING



Correct tightening means compliance with a torque and sometimes an angle value. It also means monitoring process steps one by one and achieving compliance.

With our process management and monitoring tools, you will be able to measure, check, count, and order sequences and thus guarantee perfect assembly!



PROCESS SUPERVISION AND TRACEABILITY CONTROLLER DPM®Pilot

- ▶ True conductor of your assembly stations
- ▶ Management, control, and monitoring of your tools and accessories online, multiprotocol

- ▶ Helps and guides the operator
- ▶ Traceability of results – creating of production reports
- ▶ Easy and intuitive use
- ▶ DOGA own developed software running on Linux kernel



SEQUENCING AND PROCESS MONITORING INTERFACE DPC Touch V2

- ▶ Counting
- ▶ Control
- ▶ Sequencing
- ▶ Display operator manual

- ▶ Compatible with any tool brand



BIT TRAYS

- ▶ Bit coding by color recognition or inductive sensors
- ▶ Right match between selected bit and tightening program
- ▶ Suitable for all types of bits

- ▶ Capacity: 4 / 5 / 8 / 10 / 12 / 16 slots
- ▶ Wired and wireless models
- ▶ Compatible with any tool brand



SOCKET TRAYS

- ▶ Securing your tightening process
- ▶ Wired and wireless models
- ▶ Capacity of 4 or 8 slots
- ▶ Compatible with all MD, MDT, and Stanley® screwdrivers

TORQUE MEASURING INSTRUMENTS



What torque does your screwdriver deliver? Is that repeatable? Within which tolerance?

What torque is actually applied to your assembly?

These are the questions that our EZ torque tester answers. Depending on the type of required measure, the combination of our static and rotary transducers, simulators and readout devices will enable you to carry out your measurement campaigns simply, quickly and accurately. You will also be able to memorize the results and monitor possible deviation.



TORQUE TESTER

From 0.2 to 20 Nm

- ▶ Built-in static torque sensor
- ▶ Allows to control the torque of shut-off screwdrivers, pulse tools of all types as well as torque wrenches
- ▶ Input for external transducer
- ▶ Cm/Cmk and Cp/Cpk analysis
- ▶ 500 memories (FiFo)

SOCKETS, BITS AND ACCESSORIES



Our lines of sockets, bits and accessories meet two criteria: vast choice and quality. Wherever they are tightened, screws and nuts of all shapes and materials can be matched with their sockets, bits and other accessories, whether hexagonal or square. Forged from the best steels and regularly checked, they offer constant quality.



STANDARD AND SPECIAL IMPACT SOCKETS

- ▶ 1/4" to 2 1/2" square drive
- ▶ Manufacturing special sockets



PROTECTED AND ISOLATED BITS AND SOCKETS SPEEDRILL

- ▶ Protection of component surface conditions
- ▶ Prevention of risks injury
- ▶ Magnetic and non-magnetic versions with partial or total rotating protection
- ▶ Electrical insulation (1,000 V - IEC 60900)



BITS, SPECIAL BITS, BITS HOLDERS AND ACCESSORIES

- ▶ Nearly 600 types of tightening bits in stock
- ▶ Wide variety of footprint
- ▶ Several types of drive are available as standard
- ▶ Wide range of bit holders, adapters, and accessories
- ▶ Insulated bits 1,000 V
- ▶ Design and manufacturing of customized bits



ACCESSORIES

- ▶ Remote start handles
- ▶ Air vacuum system and sleeves
- ▶ Balancers
- ▶ Tool holsters
- ▶ Crowfoot

SCREW FEEDING



Our screw feeding systems reduce operator cycle times and maintain their comfort.

Their simple design provides a continuous feed of screws and can be built into automatic machines.

The screws are blown to the screwdriver head or positioned to be picked by vacuum or magnets



TELESCOPIC AUTOMATIC SCREW FEEDING SYSTEM DMS Series

- ▶ Designed for high production rates
- ▶ Ideal for applications requiring self-tapping screws or threaded fasteners
- ▶ Ideally suited for push to start applications
- ▶ Suitable screws diameters: from 3 to 6 mm of a body length up to 22 mm



AUTO ADVANCED AUTOMATIC SCREWFEEDING SYSTEM DMA / BSF 300 Series

- ▶ Designed for high production rates
- ▶ Ideal for assembling delicate parts
- ▶ Suitable screws diameters: from 3 to 6 mm (DMA) and from 2 to 6 mm (BSF 300) of a body length up to 22 mm (DMA) and up to 30 mm (BSF 300)



MAGNETIC AUTOMATIC SCREWFEEDING SYSTEM DMM Series

- ▶ Dedicated to applications where accessibility to screwdriving points is reduced
- ▶ Suitable screws diameters: from 2.3 to 4 mm of a body length up to 12 mm
- ▶ Accepts different size screws



AUTOMATIC SCREWFEEDING SYSTEM FOR AUTOMATION DA-100 / BSF-300A Series

- ▶ Dedicated to automatic stations or robotization of tightening operations
- ▶ Reciprocating series (DA-100)
- ▶ Vibrating bowl series (BSF 300A)



SEMI-AUTOMATIC SCREW FEEDER WITH FIXED RAIL / SCREW FEEDER WITH INTERCHANGEABLE RAILS

- ▶ Application manual or robotic
- ▶ Screw gripping method by magnetization or vacuum
- ▶ Suitable with a number of screw diameters depending on the rails used

OUR SERVICES

At DOGA we put at your disposal our reliable, accurate and user-friendly tightening solutions. It is our duty to advise you of the right solution for your application.

Our Product Manager and Support engineering teams are here to analyze your manufacturing process and share with you our innovative solutions to improve your assembly process. Thanks to our technical integration service CELPRO, we provide you with turnkey solutions from design to commissioning.



TURNKEY SOLUTIONS

Using all the options of our complete product range, we offer you solutions adapted to your needs.

- ▶ Custom Design
- ▶ Adaptation of existing models
- ▶ Integration of automation system



TECHNICAL ASSISTANCE

To ensure the optimal performance and durability of our tools, we put our technical assistance at your disposal.

- ▶ Installation and start-up
- ▶ Maintenance agreement
- ▶ On-site maintenance
- ▶ Maintenance in our workshop



TRAINING

DOGA offers specialized training courses for our industries:

- ▶ Technical & practical
- ▶ Audit & Consulting

INTERNATIONAL PRESENCE



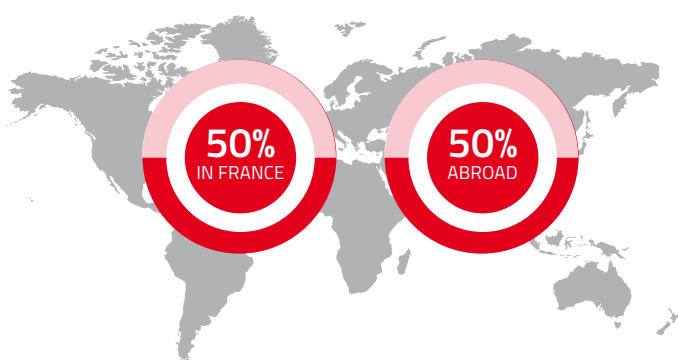
As a key player in the assembly technology sector, DOGA exports its equipment and assembly solutions to 49 countries across 5 continents. Close to your production plants and teams, we recommend and install innovative, high value-added solutions worldwide, in the following areas: industrial tightening tools, torque reaction arms and positioning control systems, equipments and Industry 4.0 software for process control, monitoring and traceability.

DOGA in the world

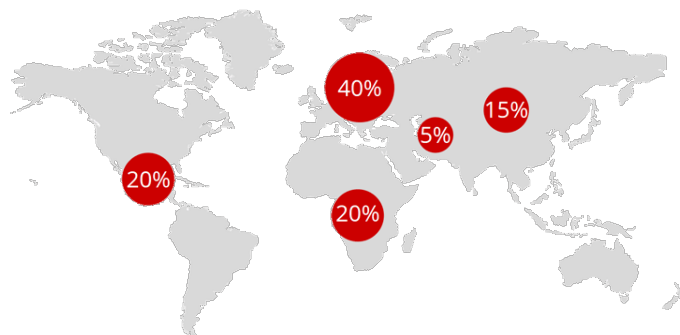
The company's worldwide expansion is the result of a strategy that began in the 1980s. First present in North Africa with electronics, household appliance and general industry manufacturers, DOGA continued its growth in the automotive industry in Europe and more recently in the United States and Asia.

Global presence and local support

Our geographical coverage is strengthened by the presence of our global distribution network. You will thus have daily local contact with a person who speaks your language and supports your industrial projects. This expert network is composed of long-term partners who give you support focussed on the performance and quality of your production tool.



2022 Sales distribution % between France and other countries in the assembly technology sector



Our global presence in 2022

Our sites

► 2 sites in France

- Maurepas (78) at 35 km from Paris: our head office and main production site
- Chassieu (69) at 10 km from Lyon: multi-skill after sales department centre

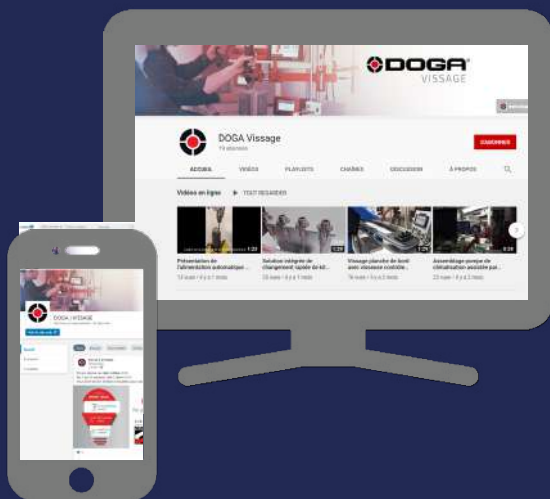
► 1 global distribution network

► 4 subsidiaries

- DOGA Inc (USA - Lombard)
- DOGA Industries (Morocco - Casablanca)
- DOGA FZ (Morocco - Tanger)
- DOGA CZ (Czech Republic - Stary Kolin)

FIND

DOGA | ASSEMBLY TECHNOLOGY



On our website...

... and follow us on

social media



www.dogasassembly.com

- ▶ A large product catalogue with related ressources.
- ▶ Our news.
- ▶ A customer account.
- ▶ Powerful features such as the ability to check product availability.



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