

AMDP
MADE FOR INDUSTRY
INDUSTRY 4.0





Assembly

MES

Statistics

Assembly

Lean manufacturing

International

Process control

Testing

Operator support

Expert

Reporting

Traceability

Quality

Efficiency

Performance

INDUSTRY 4.0

Industry

Kitting

Preventive maintenance

Park management

Tooling

SMART

FACTORY 4.0



ABOUT US...

AMDP, your industrial equipment provider, offers a comprehensive range to meet customers' specific needs in terms of hand tools, metrology solutions, servo screwdrivers, pneumatic and aviation tools as well as connected solutions for traceability and production monitoring.

The official supplier of SNAP-ON tools for over thirty years now, we work in partnership with many other brands such as NORBAR, INGERSOLL RAND, AMT, MAGNA, MOMENTO, BIAX, ATI, APEX and many more...

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HAND TOOLS

SNAP-ON partner and official distributor since 1985!

AMDP and SNAP-ON – a collaboration serving the industry for over 30 years! From the outset, AMDP has distributed SNAP-ON tools and equipment in France and provided the respective after-sales services. Over the years, this partnership has grown stronger and our company has become an expert in all the SNAP-ON product ranges. The American company trusts us to supply French manufacturers with the very best in hand tools and connected storage solutions.



CUSHION THROAT PLIERS

Pliers to prevent cut cable sections from falling.



WORKING AT HEIGHT

A range of tools that you can rely on for working safely at height.

CHROME-PLATED SOCKETS

Hand tool



BLACK-OXIDISED SOCKETS

Tooling for rotating machines



RATCHET WRENCHES

US and metric dimensions available



RATCHETS

Riveted anti-FOD ratchet



INSULATED TOOLS

Range of non-conductive
composite tools



WRENCHES



PNEUMATIC TOOLS

Precision, speed, reliability and simplicity

To meet customers' requirements, AMDP helps you choose the best tool for your needs from its vast range of pneumatic tools. Our specialists are here to help.



Q2 SERIES

Designed for operator comfort, our range of screwdrivers offer a torque range of 0.3 Nm to 5 Nm with an adjustable ball-type clutch. In addition to the torque-limitation function, the solution benefits from an award-winning ergonomic and quiet design.

QA SERIES

Our manual screwdrivers offer a wide torque range for small and large fasteners.

A straight version (up to 150 Nm), right-angled version (up to 225 Nm) and spindle version (up to 180 Nm) is available.





**INGERSOLL
RAND
DRILLS**



**MODULAR
DRILLS**



CLECO 19 SERIES

The CLECO 19 series offers the optimum solution for the most demanding fastening applications, particularly where precision, reproducibility and durability are held to the strictest standard.



**HYDRAULIC-PNEUMATIC
SCREWDRIVERS**

Fast, reliable and high-performance screwing operations.



DOTCO DRILLS



ANGLED DRILLS

MATERIAL REMOVAL

The best tools for finishing and refining your parts

All materials can be worked – even treated steels, ceramics and glass-based materials. Our range of material-removal tools can be used to achieve perfect finishes, excellent surface quality as well as good geometric and dimensional accuracy.



ANGLE
GRINDERS



STRIP
SANDERS



DIE
GRINDERS



PORTABLE INDUSTRIAL TOOLS

SPINDLES FOR ROBOTS



FLEXIBLE SHAFTS



TURBINE GRINDERS



SCRAPERS



ORBITAL SANDERS

BATTERY-POWERED TOOLS

Battery technology by AMDP

The high-performance 20-V lithium-ion battery enables maximum torque and high speed to boost productivity and make your tasks easier. The transmission mechanism, entirely in metal, guarantees a long service life in the most difficult applications. The reinforced composite housing, a robust and patented design, withstands repeated drops. The wireless design makes it portable so that you can use it wherever you need it most.



BATTERY-POWERED DRILL-SCREWDRIVER KIT



IMPACT WRENCHES (HIGH TORQUE)

Tightening torque of 1350 Nm
Breakaway torque of 2040 Nm



IMPACT WRENCHES (WITH LIMITER)

Four torque ranges
Max. tightening torque of 500 Nm



LED LIGHTS



GREASE GUNS



RATCHET WRENCHES

SCREWDRIVER ACCESSORIES

Screwdriver accessories for all sectors

As a partner to a number of major brands, we offer all types of sockets and bits and can even offer customised solutions according to your requirements. Hexagon sockets, surface drive sockets, quick engagement, magnets at the bottom or on the side – all types of bits are available (see box below).

For more information, please request our catalogue.



MOMENTO SOCKETS WITH PROTECTION



AMDP SOCKETS AND BITS WITH PROTECTION



APEX SOCKETS, BITS AND EXTENSIONS

SPECIAL SOCKETS AND BITS

We can make sockets and bits to meet your specific requirements, either individually or in large quantities.



MOMENTO SOCKETS

TYPES OF BITS AVAILABLE

- | | | |
|--|---|---|
|  B.N.A.E |  Sel-o-fit |  Torx Plus |
|  Frearson |  Slotted |  Torx Tamper Resistant |
|  Hi-Torque |  Socket Head |  Torx |
|  Philips |  Square Recess |  Tri-Wing |
|  Pozidriv |  Torque-Set |  Triple Square |

METROLOGY SOLUTIONS

Tools for successful industrial operations

Take advantage of the wide range of tools that we offer to master your manufacturing processes and increase product quality. With our range, you can ensure that your control measures are traceable and reliable in order to guarantee and qualify your industrial process.

As a NORBAR partner, AMDP offers you the best products on the market.

CONTROLLED TIGHTENING – TORQUE



TORQUE SCREWDRIVERS AND TORQUE WRENCHES

Torque tools make it possible to set, apply and ensure tightening torques from 0 Nm to 1500 Nm.



TORQUE MULTIPLIERS

Enables precise tightening to high torque values (up to 100,000 Nm).



TORQUE METERS

Tooling for carrying out checks on your torque screwdrivers and wrenches (from 0 Nm to 2000 Nm).



TORQUE WRENCHES

The SNAP-ON range is available.





CALIBRATION CHAINS AND AUTOMATIC BENCHES

Perform checks on all your torque tools (0 Nm to 300,000 Nm) at the test bench for torque wrenches, which complies with standard ISO6789:2017.



CTECH

Connectable torque wrench



VESATORQ TORQUE WRENCHES

DIMENSIONAL CONTROL



CALLIPERS

AMDP sells a complete range of dimensional and connected metrology tools.



PLUG GAUGES



SPLINE GAUGES



THREAD GAUGES



COMPARATORS

SMART STORAGE SOLUTIONS (ANTI-FOD AND FME)



Productivity, quality, traceability – safeguarding your means of production.

AMDP, a SNAP-ON partner for over 30 years now, makes its expertise in "lean" workshops available to you.



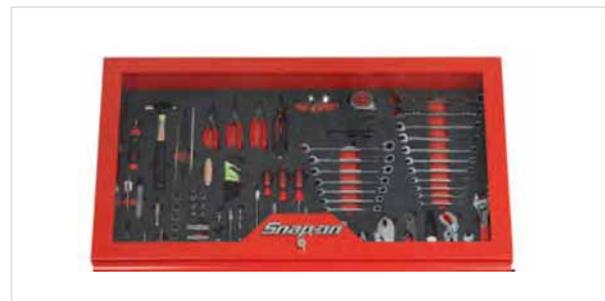
ATC TOOL BOX WITH DIGITAL IMAGING TECHNOLOGY

Developed by SNAP-ON, this Wi-Fi-enabled tool box automatically manages tools by digitally scanning drawers when they are opened and closed in conjunction with a user access control system.



FOAM INSERTS

A simple solution for visually checking tools or parts to be assembled.



VTC DISPLAY CASES

Tools are stored in foam inserts in a case with a display window at a 45-degree angle. The case can be unlocked with an RFID tag; the lock mechanism is connected to a WIFI network. The tools are visible for a visual check. The connected lock mechanism makes it possible to track users.



RFID CABINETS

Developed by SNAP-ON, this RFID cabinet uses RFID tags and an access control system to track serialised tools.



COMPLETE TOOL BOXES AND OPERATION KITS

All your tools stored in foam inserts that comply with anti-FOD standards.



TRAVEL CASES

Your tools stored in foam inserts that you can transport and show to customers.

AMxW SERIES

Stay connected!

AMDP has placed new solutions on the market to meet new requirements presented by Industry 4.0. From precision fastening systems to traceability software and mobile applications, these solutions are implemented to enhance operators' work on the assembly line, track tasks, visualize subsequent tasks and display production statistics. These connected solutions represent a real opportunity!

AMxW SERIES PISTOL AND ANGLE CONFIGURATIONS

Connected directly to your MES or middleware via simple, standardised (web services or MQTT) and secure (SSL) interfaces, this tool can interact with your production system (automatic configuration selection, results feedback, remote adjustments and cycle deactivation). The AMxW precision fastening system is a key tool in controlled assembly. An INGERSOLL RAND tool converted by AMDP, it has a range of options (wireless communication: WIFI 802.11 BGN, WPA/WPA2/WPA2 Enterprise security protocols, BLE 4.2, zigbee, storage of the last 1200 tightening operations, pistol configuration available with a torque range from 0.8 Nm to 1300 Nm, angle configuration available with a torque range from 1 Nm to 2000 Nm, torque sensor and integrated angle resolver).

With a powerful IOT operating system, the AMxW is the first wireless precision fastening tool ready for SMART Factory 4.0. Features such as (F) OTA ("over the air" firmware update), RPC configuration (via WebSocket, GATT or MQTT) and cloud services make it easier to manage and configure the tool. With cloud services, you can access information about your tools, view logs and manage configurations from anywhere in the world via a secure web page. Firmware and parameters are automatically updated when the tool is online, preventing out-of-date configurations from being used.

See figure opposite →



PRODUCTIVITY SOLUTIONS

AMxW

AMxW PROCESS

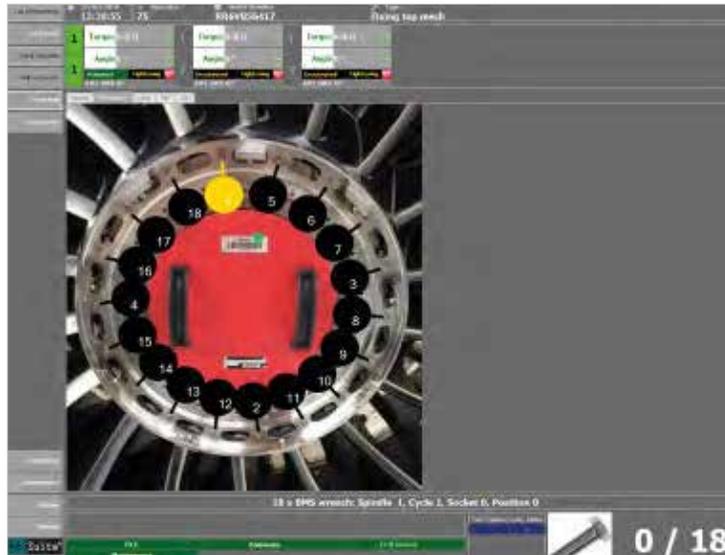


middleware



WORKSHOP SOFTWARE

PROCESS MANAGEMENT AND USER SUPPORT



PROTIGHT SOFTWARE

Support and assembly management software. Your tools are connected directly to your computer system. Tutorials at workstations manage your range of products and guide operators (POKA YOKE). The system saves your torque data locally or on a dedicated server.



PROGUIDANCE SOFTWARE

- On-screen guidance for operators
- Flexibility: assemble an infinite number of models on the line!
- Operator tutorials: reduce learning time
- Focus on important tasks
- Instant reporting
- Immediate decision-making

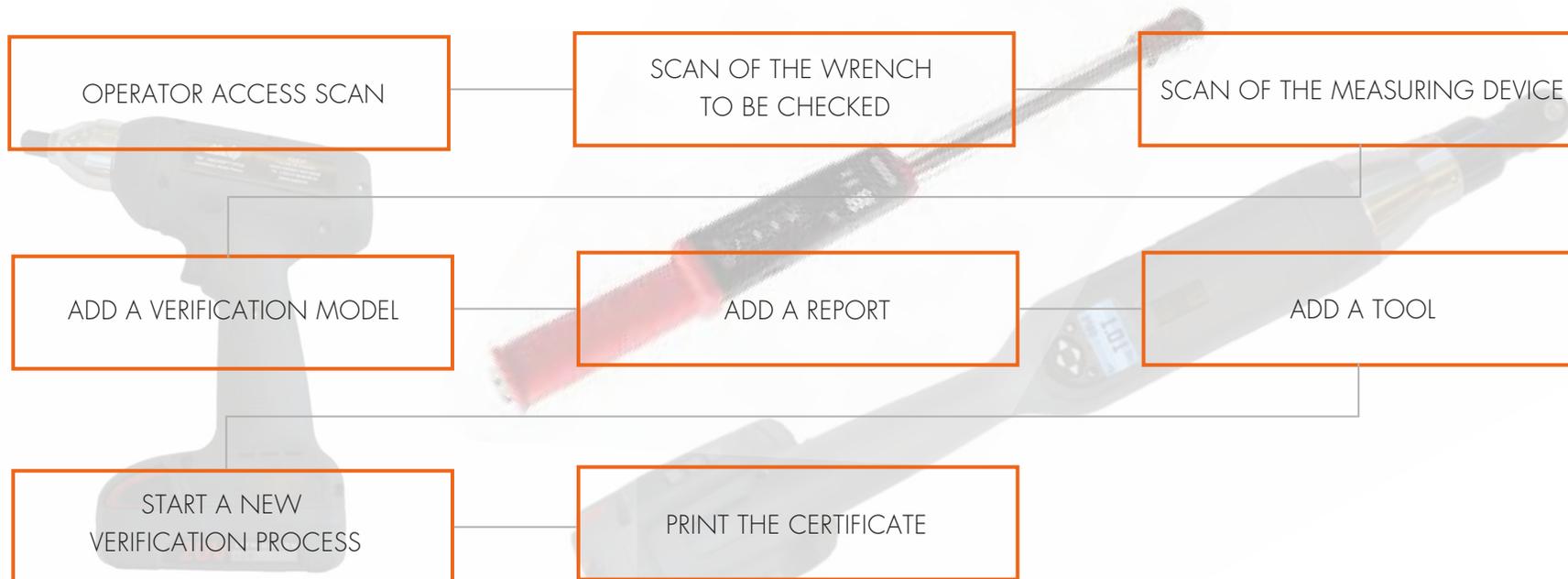


PROCONTROL SOFTWARE

Procontrol allows you to check and calibrate all your torque tools:

- By creating a database for all the torque tools according to the applicable standards
- By creating wrench models
- By creating serial numbers
- By managing and controlling tool calibration
- By creating control reports (access to control history).

PROCESS SEQUENCE



SERVO SCREWDRIVER

Speed, stability, precision

AMDP integrates the advances made in recent years into the field of IOT and connectivity



INSIGHT QC

The INsIGHTqc controller is fully compatible with our QE and QM tools. With the INsIGHTqc controller, these tools can record 50,000 tightening points and tightening curves. Users will have a complete overview of the different aspects of the tightening process (torque, angle, time and date).

Different communication protocols: IP Ethernet, ProfiNet, ProfiBus, DeviceNet, Open protocol, MES, ToolsNet, etc.



SERVO SCREWDRIVER RANGE WITH VERY HIGH TORQUE

ACRADYNE SERIES WITH CABLE

The Gen IV ACE controller platform provides flexibility and freedom to control tools for every application.

A unique range of servo electric screwdrivers for very high torque. Up to 15,000 Nm.



AMxW CORDLESS SERIES

Range of drills; pistol and angle configurations with a torque range of up to 2000 Nm. They can operate in stand-alone mode or linked to traceability software via a WIFI connection.

AVIATION TOOLS

From manufacturing the structure of your aircraft to final assembly...

AMDP invests in the safety of your processes with its range of aviation tools. Our range evolves quickly – we offer you complete and competitive solutions so that you can respond to the difficulties encountered on a daily basis in the best way possible.



CUTTING TOOLS FOR THE AEROSPACE INDUSTRY

A complete range of cutting tools: HSS, carbide, etc.



AVIATION SCREWDRIVERS

AMDP adapts the AMxW series for all specific fasteners – especially for the aviation sector. (HI-LITE, temporary fastenings, HI-LOCK, etc.).



STRUCTURAL TOOLS

- Riveting block
- Riveting hammer
- Riveter's punches



C-yoke pneumatic riveter

C-yoke manual riveter

RIVETING

AMDP has a complete range of tools for applying, smoothing and removing aircraft sealant.



AIRCRAFT DRILLS

Range of modular and non-modular drills, straight head, 30°, 90° and 180° angle heads, with clamps or chucks.



METALLISATION BRUSHES

Push or pull. External diameter and driver to be defined according to your requirements.



SEALANT TOOLS

AMDP has a complete range of tools for applying, smoothing and removing aircraft sealant.



ACCESSORIES FOR AVIATION TOOLS

SPECIAL TOOLS

Tools adapted to your requirements and needs.

AMDP develops specific tools to meet your technical and geometrical requirements. Our design office, equipped with CATIA V5, SOLIDWORKS and XAO ELEC, can present and define the specific tool that will perfectly meet your needs. From 3D prototyping to machining, heat treatment and surface treatment phases, AMDP will support and guide you in defining and using your customised tools.



OFFSET CROWFOOT WRENCH

Offset crowfoot wrenches are designed and manufactured to reach and tighten nuts in particularly cramped spaces. Mounted on torque wrenches, their geometry will enable you to tighten fastenings to the required torque in situations where it is not possible to use a commercial tool.



OFFSET RATCHET WRENCHES

In addition to offset crowfoot wrenches, our special spanners can be fitted with ratchet systems to save operators time and improve ergonomics during torque tightening. These wrenches are customised according to your working environment.



RING WRENCHES

Can't find the wrench you want in the catalogue? AMDP will develop the right tool for you: hexagon, 12-point, tilted head, pipe wrench... all the designs to meet the requirements of your applications will be created and made using high-quality materials. Heat and/or surface treatments can be applied according to your needs.



SPECIFIC SOCKETS

AMDP can design and manufacture customised sockets on a global scale or modify existing sockets that do not fully meet your requirements.



RETAINING CLAMP WITH PLASTIC CHUCK JAW

As with other standard tools, we can also modify gripping clamps. We can modify the existing product to integrate specific pads for your applications and add PVC-type protection pieces to protect both the gripper and the elements in your work areas: rails, ribs, partitions, etc.

HANDLING AND ERGONOMICS

Reliability, maintainability and flexibility of handling systems.

Simple or more elaborate solutions are available to improve workstation ergonomics and reduce MSD (musculoskeletal disorders).



PNEUMATIC BALANCERS

INGERSOLL RAND balancers and positioners allow users to easily lift and "float" loads.



CABLE BALANCERS

Cable balancer with a load capacity of 0.4 kg to 165 kg for your tools.



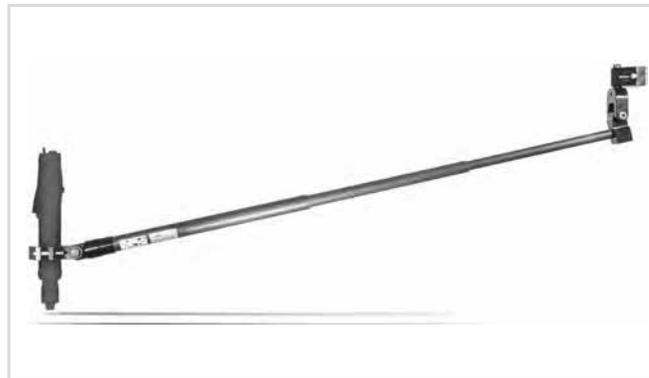
PANTOGRAPH ARMS

Torque arm for table mounting – absorbs the torque reaction and supports the weight of the equipment.



ZERO-GRAVITY ARMS

Zero-gravity arms incorporate a pneumatic balancing system and relieve the operator of the weight of the tool (designed for high torque values).



CARBON TELESCOPIC ARMS

A simple, ergonomic and unobtrusive solution to improve workstation ergonomics.

AMDP

MADE FOR INDUSTRY



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