



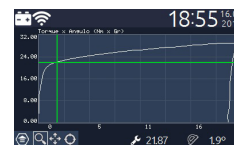
# From **DATA** to **PERFORMANCE**

AIMCO's high-tech power tools  
optimize production in the  
Industry 4.0 Ecosystem



#### Gen IV iEC Controller Platform

- **AcraDyne DC Tools**  
One common communication  
for global data collection, line  
control, and Field Bus  
platforms



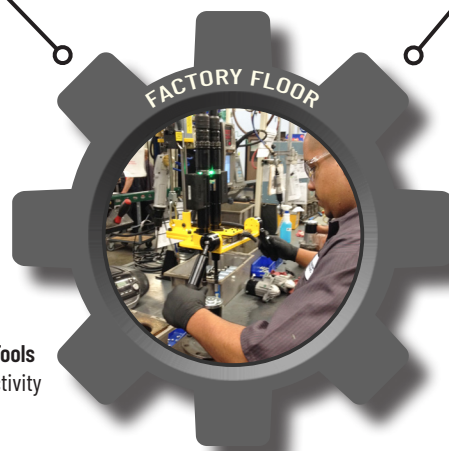
#### Transducerized Digital Torque Wrench

- **Phoenix III**  
Used for both production and auditing



#### Gen IV iBC-Z Controller Platform

- **Uryu UBX-AF Cordless Pulse Tools**  
Clear and concise data connectivity



#### Smart Torque Arms

Integrate with plant  
manufacturing execution  
software and allow  
custom programming



#### Gen IV iBC Controller Platform

- **AcraDyne AB-CTA Battery Tools**  
Controls torque and angle as a line  
interface
- **Tohnichi Wireless and Bluetooth  
Torque Wrenches**  
Processes and data can seamlessly  
be transferred to plant QMS in real  
time



# Empowering Industry 4.0

## Data-Driven Power Tools are Vital in the Digital Factory Ecosystem

As factories become more connected and intelligent, reliable power tools are crucial for efficiency, precision, and automation. With real-time data capabilities, advanced tools enable predictive maintenance, reducing downtime and costs.

Industry 4.0 solutions enhance quality control through data-driven insights, ensuring consistency and minimizing errors. Seamlessly integrating with digital factory systems, AIMCO's power tools drive innovation, optimize performance, and shape the future of manufacturing.

### AcraDyne Gen IV ACE Controller Platform



AIMCO's Gen IV ACE Controller Platform commands any tool in the AcraDyne line, as well as other transducerized tools in the AIMCO portfolio.

- One common communication for global data collection, line controls, and Field Bus platforms
- Advanced networking capabilities
- Web browser-based programming
- Supports third-party accessories for poka-yoke error proofing

#### Line Control PLC

- 24V I/O
- Profibus
- Profinet
- DeviceNet
- CC-Link
- CC-Link IE Field

### Uryu UBX-AF Cordless Pulse Tools

- Innovative pulse unit lengthens service intervals by as much as 400%
- Accurate delivery of torque
- Nearly reaction-free operation
- Clear and concise data connectivity



### AcraDyne AB-CTA Battery Tools



- Can run stand alone or in conjunction with a Gen IV iBC Controller as a line interface
- Programmable torque, angle, RPM, time, fastening direction

### AcraDyne DC Tools



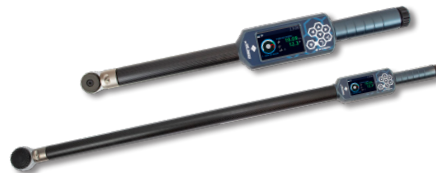
- One of the most accurate tools in the world
- Superior size, speed, and duty cycle
- One of the lowest *total cost of ownership* in the industry
- Continuous and discontinuous models available

### Tohnichi Torque Wrenches

- Easily configure the Gen IV iBC Controller Platform as a Tohnichi digital wrench system portal
- iBC Platform captures wrench data and reports results to Line Controls/QMS systems



### Phoenix III Digital Torque Wrench



- 2.4 Ghz Wifi module enables wireless communication over Open Protocol
- Production/QA Functionality with multiple fastening strategies

### Smart Torque Arms



- Easy to follow Process Visualization
- Advanced error proofing
- Integrates with plant execution software or allows custom programming

