



Assembly Technologies

NEW FROM STANLEY

The new **Cobotics 500 lb. iLift** significantly extends the range of applications for Stanley Intelligent Assist Devices. IADs are computer controlled, servo powered lift assist devices that dramatically improve the productivity, quality and ergonomic safety for workers lifting and manipulating heavy and awkward parts.

cobotics
iLift **NEW**
Intelligent Lifting & Balancing

150 and 500 lb. capacities

iTrolley
Intelligent Rail System

Enables x, y, and z movement with iLift

RailCobot
Intelligent Arm System

For load capacities greater than 500 lb.



NEW

New remote slide handle



Slide handle



Remote pendant



NEW

"Q" Controller for Pneumatic Tools

Improves Assembly Quality by Enabling Bolt Counting of Complete Cycles to Prevent Missed Fasteners

NEW

PE PULSE Non Shut Off Nutrunners

The NEW standard for value in pulse tools

- Enhance Quality and Productivity
- Ergonomic Design Reduces Operator Fatigue

For more information, see www.StanleyAssembly.com.

Stanley Assembly Technologies, an operating group of The Stanley Works was founded in 1963. Originally called Stanley Air Tools, the group was renamed in 2002 to reflect the emphasis on technology to deliver high value solutions. The Stanley Works, headquartered in New Britain, Connecticut has manufacturing and distribution in all world areas.

Stanley Assembly Technologies offers new and innovative products for 2005 that expand the solutions for our customers in the global assembly market. Core solutions include high-performance QPM DC electric tightening tools, software and controllers; pneumatic tightening tools and controllers; and Intelligent Assist Devices for ergonomic material handling.

NEW

QPM Software Options



NEW

Alpha Controller Options



NEW

High Load Capacity

NEW

Small Tools



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Assembly Technologies

The industry leading Stanley QPM DC Electric tool product line expands to include:

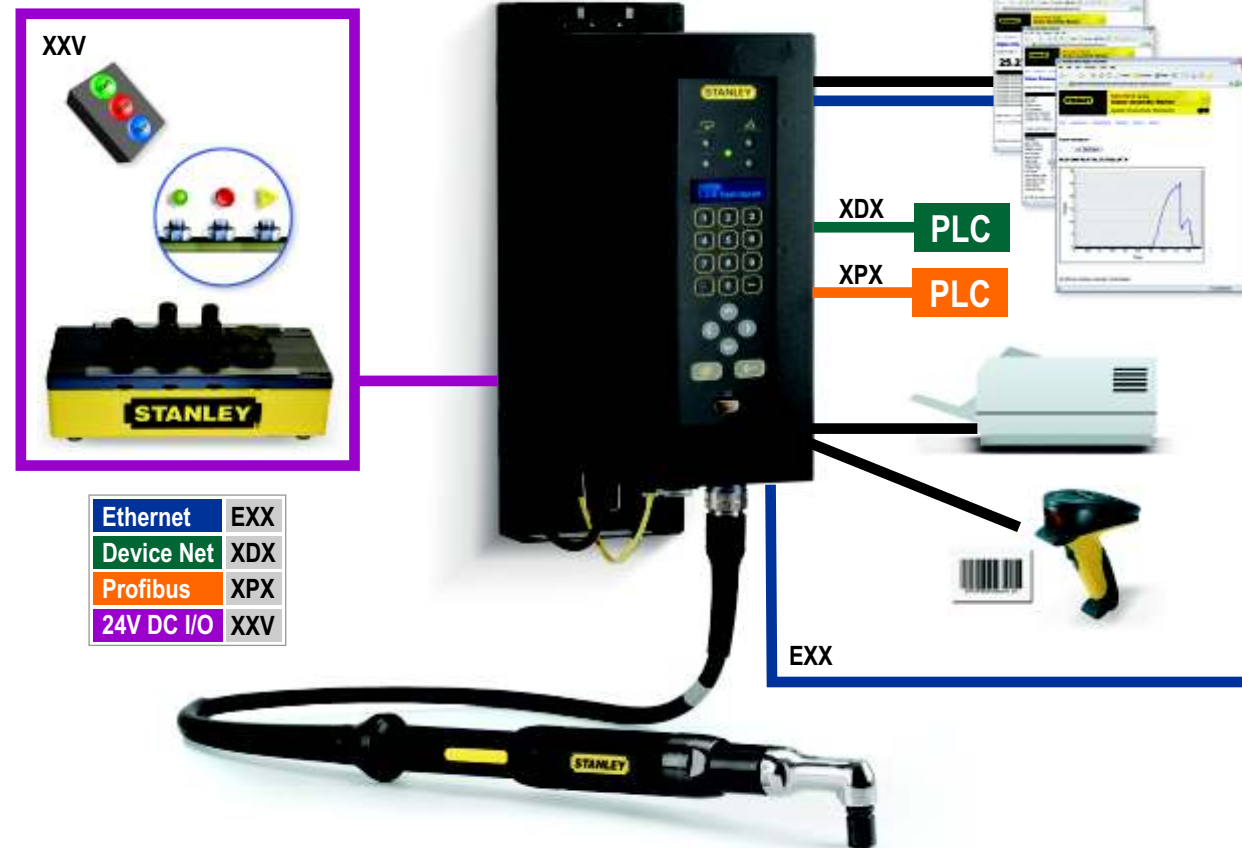
- New options to the Alpha controller that operates any tool in the tightening torque ranges from 0.5 to 2000 Nm.
- Expanded software options enable plant-wide real-time assembly monitoring
- A new touch screen Omega interface
- New small tools from 0.6 to 23 Nm

New Alpha controller options enable users to pre-configure the connections to meet their unique plant interface needs. Options include an Ethernet based Cat. 5 (RJ45) TCP/IP Network Port; Fieldbus interface options; and 24 VDC I/O for error proofing, remote tool control and tool parameter selection. New standard features include a Serial port for barcode input or printer output and a web browser based interface for controller monitoring over the network.

Expanded software options for QPM tools based on the standard Configuration Editor (CE) with remote tool configuration and Fastening Tool Box (FTB) adding statistical charting, trace analysis and hardware diagnostics. Fastening Toolbox Deluxe (FTD) adds capability to create and execute custom PLC programs for flexible plant integration of QPM systems. Fastening Tool Center (FTC) enables plant-wide real-time assembly process and equipment monitoring.

The new Omega interface combines the full capability of a Sigma controller packaged with a touch screen graphical user interface ideal for plant floor support of multiple tool installations, handheld or fixtured.

NEW ALPHA



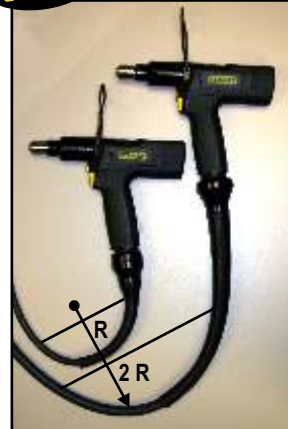
NEW

A new range of small, smart and flexible QPM tools includes push to start, right angle, and in-line models ideal for light assembly operations such as electronics.



• Torque range: 0.6 to 23 Nm • All models are under 2 lbs and < 12" long

NEW



A new smaller diameter cable similar to the industry leading QPM version improves tool handling in tight spaces for lower torque models typically less than 40 Nm.

