

STANLEY®

Engineered Fastening



Cordless Pistol Tools

- 1.2 Nm to 14 Nm
- Brushless DC Motor
- 20V 4Ah Battery Pack
- Transducer Controlled
- IEEE 802.11 b/g/n Wireless

Cordless Lever Tools

- 2.4 Nm to 70 Nm
- Brushless DC Motor
- 20V 4Ah Battery Pack
- Transducer Controlled
- IEEE 802.11 b/g/n Wireless

Wireless Controllers

- Error Proofing
- Tool Configuration
- Network/Fieldbus Connections

QPM▶ Cordless Tools

**Battery-Powered Cordless Tools
for Precision Fastening**

Cordless Pistol Tools

Inline Style B12PB & Push-to-Start B12PP

Battery Pack and Charger
included with tool

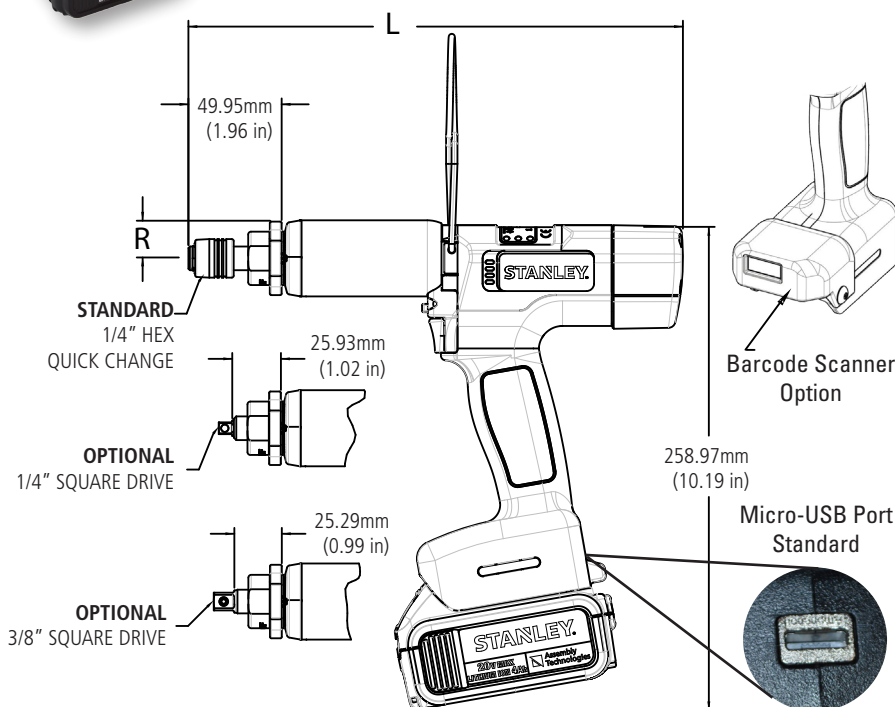


Cordless Pistol Tools

- IEEE 802.11 b/g/n
- Transducerized closed loop control
- Brushless DC Motor
- Autonomous Operation Mode – Programming via Micro-USB Port
- Provides visual and audible operator feedback
- Stores data for the last 500 fastening cycles and one trace
- 16 jobs, 16 tasks with 2 steps, including smart steps.

Lithium Ion Battery Pack

- 20V 4Ah
- Estimated 2,200 fastening cycles per charge (depending on the joint rate)
- Approximately 1,000 charge cycles throughout usable life.
- 3-LED Fuel Gauge system provides immediate feedback on state of charge



Pistol Grip (1.2 Nm to 14 Nm Capacity - 1/4" to 3/8" Drive Size): Pistol grip tools are commonly used for hand-held low torque screw driving applications. The use of a torque reaction device is recommended for "soft" joints and for applications exceeding 10 Nm. The 1/4" hex quick change chuck is the standard output option for all cordless pistol tools; 1/4" and 3/8" square drive options are available upon request.

Model		Rated Speed	Torque		"R" Side to Center		"L" Length		Weight w/ Battery		Weight w/o Battery		Output	
		RPM	Nm	lb ft	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
Inline Style	B12PB-6	1290	6	4.4	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PB-9	895	9	6.6	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PB-14	615	14	10.3	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
Push-to-Start	B12PP-6	1290	6	4.4	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PP-9	895	9	6.6	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD
	B12PP-14	615	14	10.3	20	0.8	264	10.4	1.55	3.4	0.96	2.1	1/4" QC	1/4" or 3/8" SD

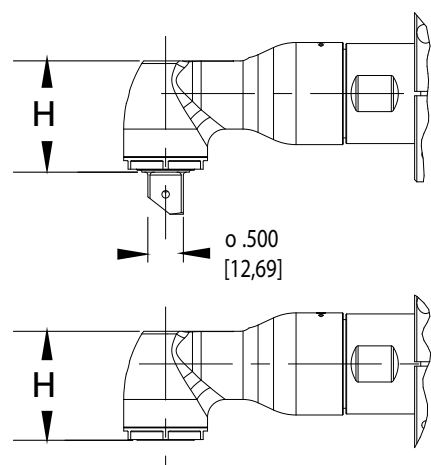
Cordless Pistol Tools



* The RBRC™ (Rechargeable Battery Recycling Corporation) seal on the lithium ion battery packs indicate that the costs to recycle these battery packs at the end of their useful life have already been paid for by STANLEY; this program is established in the United States and Canada.

Also available in specialty outputs
Offset, Crowfoot, Tube Nut, Hold n Drive,
Safe Hold n Drive, and Push-to-Start

A yellow and black Stanley cordless drill is shown next to its black charging station. The drill has a yellow body with black accents and the Stanley logo. The charger is black with a yellow label and a power cord.



- New Low Impedance Brushless DC Motor
- Same Gearing / Output as E Tools
- IEEE 802.11 b/ g/ n 2.4 GHz WiFi to QB Expert or Network Node
- Transducerized closed loop control
- Autonomous Operation Mode – Programming via Micro-USB Port
- Controller is INSIDE the tool

— 16 Jobs / 16 Tasks / 2 Steps

— Stores data for 500 Fastening Cycles and 1 Trace File

- Built-in Barcode Scanner Option
- 7 Models from 12 Nm to 70 Nm
- Same 20V DeWALT Battery Pack Platform as our QPM Cordless Pistol Tools

Model		Rated Speed	Torque		"R" Side to Center		"H" Head Height		"L" Length w/ 4Ah Battery		Weight w/ 4Ah Battery		Weight w/o Battery		Output	
		RPM	Nm	lb ft	mm	in	mm	in	mm	in	kg	lb	kg	lb	Standard	Options
Lever Angle Style	B23LA13-12	665	12	8.8	13	0.5	33.2	1.3	537.4	21.2	1.69	3.73	1.08	2.38	3/8" SD	1/4" QC or Flush
	B23LA13-17	460	17	12.5	13	0.5	33.2	1.3	537.4	21.2	1.69	3.73	1.08	2.38	3/8" SD	1/4" QC or Flush
	B23LA15-23	370	23	17	15	0.59	39.9	1.57	552.5	21.75	1.82	4	1.21	2.66	3/8" SD	1/2" SD or Flush
	B23LA15-35	230	35	25.8	15	0.59	39.9	1.57	567.7	22.35	2.27	5	1.66	3.65	3/8" SD	1/2" SD or Flush
	B23LA18-42	180	42	31	18	0.71	39.9	1.57	563.2	22.2	2.27	5	1.66	3.65	3/8" SD	1/2" SD or Flush
	B23LA19-52	155	52	38.3	19	0.75	47.8	1.9	592.7	23.4	2.48	5.46	1.87	4.11	1/2" SD	
	B23LA19-70	140	70	51.6	19	0.75	47.8	1.9	653.2	25.72	2.48	5.46	1.87	4.11	1/2" SD	

Cordless

Lever Style Tools

Full Range of Tool Configurations Fit the Application



The RBRC Seal*
(On top of battery pack)



Multi-function
Display Panel

Ergonomic Lever
Start Trigger

Battery Release
Button

Battery
Pack



Angle Head
Output

Same Gearing /
Output as E Tools

New Low Impedance
Motor

Multifunction
Button (MFB)

Comfort Grip
Handle

Integrated Digital
Control Circuit
(Inside Handle)

Micro-USB Port
(On back of Handle)



Battery Pack
Fuel Gauge
(On back of battery pack)

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Alpha

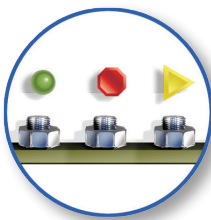
Network Node QB0201 For One to One Wireless Connectivity

Connect Wirelessly to Alpha Toolbox

- PC's / Tablets / Smart phones
- Initial tool setup
- Programming rundown strategy
- Extracting rundown data
- Extracting trace file
- Joint analysis

24V Input/Output enables Socket Tray and alarms for Error Proofing

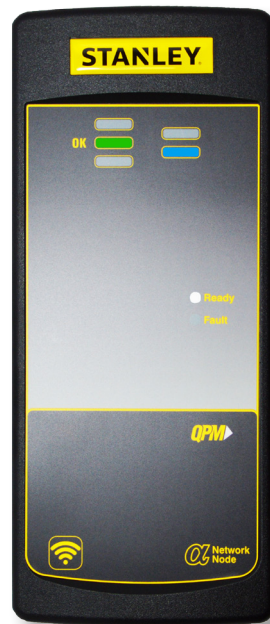
Error proofing I/O
assures the job cannot
inadvertently leave the
station unless fastened
as specified.



Socket Tray for
error proofed fastening job selection enables a
single tool to reliably assemble joints of different
target torque levels

Minimizes plant
connections
through a single
point interface to
the plant network

Serial port can
connect to plant
networks

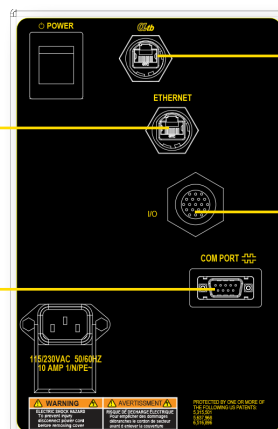


Connect with
Smart Phone

Tool Configuration and Data Collection

- Alpha Toolbox functionality
- No Setup Required...
Browser based software
executed from Ethernet
connection on controller

8 in/ 8 out 24 V I/O for
line control



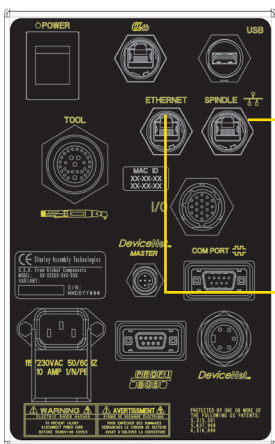
Alpha

Expert QB4101

Controls 1 Corded Spindle and
Manages up to 23 Cordless Tools



Connect with
Tablet



Manages up to
24 spindles

Minimizes plant
connections
through a single
point interface
to the plant
network

Alpha Expert Controllers are now Wireless

- Wirelessly connect to Alpha Toolbox
 - Wireless parameter setup
 - Wireless tool programming
 - Wireless error proofing
- On board ladder logic PLC capability
- Includes Alpha Toolbox software, tool diagnostics and maintenance intervals
- Provides one data network connection for multiple spindles
- QB4101 will run all QPM Series tools

Cordless Tools

All cordless tools are shipped with one battery pack and one charger; additional battery packs and chargers may be ordered separately.

How To Order Guide:

B 1 2 P P - 14

	Max Torque (Nm)
	Head Size/ Number
	Output Type..... A - Angle B - Inline Style C - Crowfoot D - Offset H - Hold n Drive N - Safe Hold n Drive T - Tube Nut P - Push-to-Start
	Trigger Type L - Lever Start Style P - Pistol Start Style
	Modular Gear Set* 2, 3
	Motor Size* 1, 2
	Power Source B - High-Power Electric Brushless Battery Motor

Accessories

4Ah Battery Pack 21R209300

2Ah Battery Pack 21R209700

Charger..... 21R209500



*Pistol Grip Tools (1.2 Nm to 14 Nm Capacity):

Pistol grip tools are only available in Motor Size 1 and Modular Gear Size 2

*Lever Start Style Tools (2.4 Nm to 70 Nm Capacity):

Lever start style tools are only available in Motor Size 2 and Modular Gear Size 3



STANLEY
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