

STANLEY

OK



05:15 PM

ALL	SP1	SP2	JOB	1	1
34%	23.0 NM	41.7°	0	1	1
34%	23.0 NM	41.7°	0	1	1

SETUP

SERVICE

ANALYZE

QPM



QB EXPERT CONTROLLER

STANLEY
Engineered Fastening

STANLEY
AVDE

POP

STANLEY
Assembly Technologies

TUCKER

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QB EXPERT CONTROLLER

ONE CONTROLLER FOR ALL SPINDLES
- CONTROLLER FEATURES

STANLEY ENGINEERED FASTENING FAMILY OF BRANDS

AYDEL

INTEGRA

NELSON

OPTIA

POP

STANLEY
Assembly Technologies

TUCKER



CONTENTS

- Controller Features -
 1. One Controller for all spindle
 2. Large controller screen with Touch screen navigation
 3. Keypad with On-screen keypad
 4. Controller mounting & hanging arrangement
 5. Cable ports outside controller body
 6. Additional key features
 7. License Requirement



ONE CONTROLLER FOR ALL SPINDLE

- One type of controller used for connecting fixtured tools and handheld tools. Thus no need of spending extra for keeping more spare controller.
- One controller can connect up to a maximum of 16 Nos. of tools at a same time and can work simultaneously.
- 16 Tools = 01 Corded tool + 15 Cordless tools
- Communicate cordless tools using controller internal Wi-Fi. No external router reqd.
- Controller Programming can be easily done from controller screen & keypad.
- No expenditure for purchasing dedicated software product . Web browser based software facility.
- No software reqd. for downloading Prog. backup. Easy download by inserting pen drive in controller.



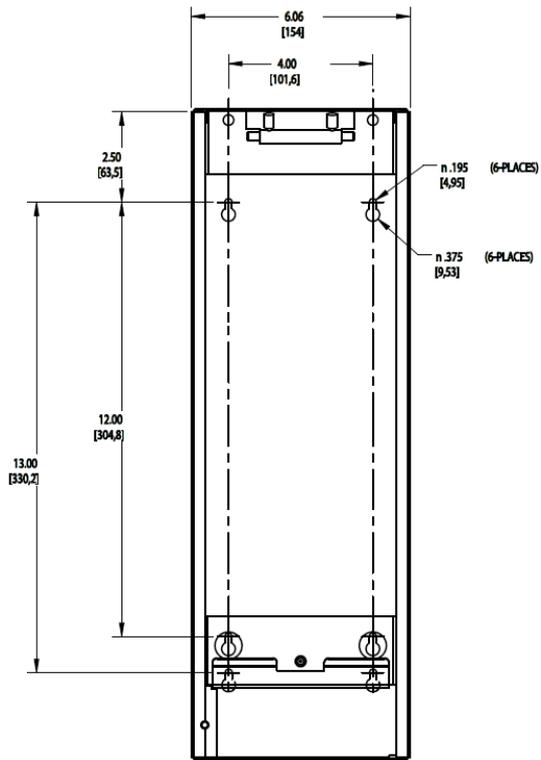
LARGE CONTROLLER SCREEN WITH TOUCH SCREEN NAVIGATION

- Multiple on-screen spindle results
- Large Convenient result display
- Dedicated tab for each connected spindle having tightening cycle results
- Dedicated indicator lights for – Ok Torque /Angle – **Green LED**, High Torque/Angle – **Red LED** and Low Torque/Angle – **Yellow LED**
- Tool in healthy condition indicated by Blue LED
- Programmable indicator light – White LED

BUTTON KEYPAD WITH TOUCH SCREEN KEYPAD

- On-screen touch keypad
- Physical Toggle Button keypad
- Keypad navigation and enter key
- Keypad lock optional

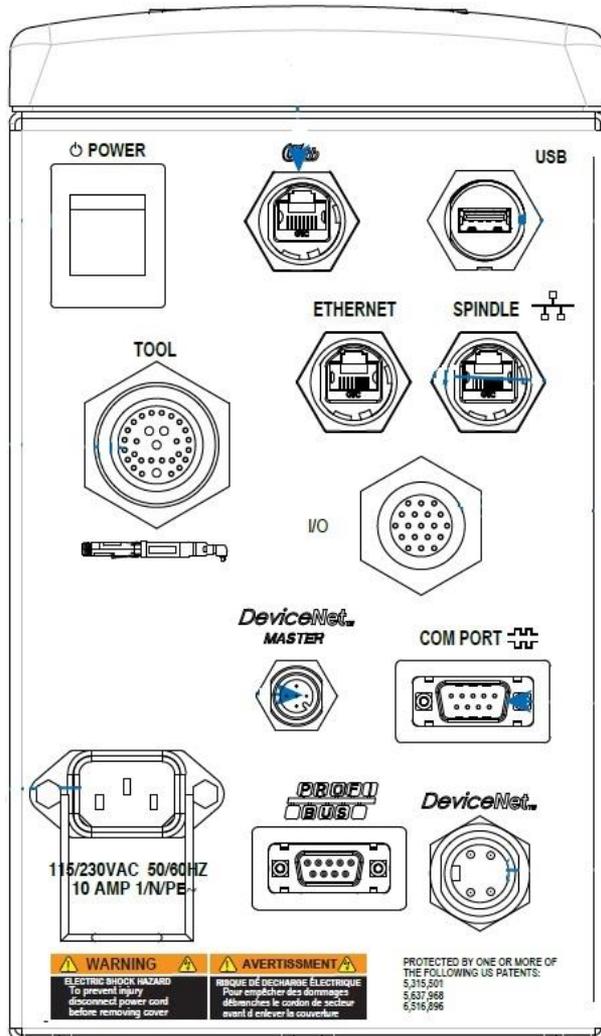




CONTROLLER MOUNTING AND HANGING ARRANGEMENT

- Either Controller mounting directly on wall
- Or could be mounted on a Plinth
- Standard Plinth available for mounting

CABLE PORTS AVAILABLE OUTSIDE ON CONTROLLER BODY.(BELOW SCREEN)



- **USB Port** – For downloading Prog backup & cycle results. No software reqd.
- **Ethernet Port** – 3 Nos of ethernet port for connecting Software, Factory Network and multi controller communication
- **Serial Port** – For communication with Printer, PLC
- **Fieldbus Port** – Profibus, Profinet, Devicenet for PLC communication
- **I/O Port** – For connecting to I/O device, interlocks etc.
- **Tool Cable Port**
- **Input supply Power port**



ADDITIONAL KEY FEATURES

S.No.	FEATURE	INFORMATION
1	DATA STORAGE & DATA STUDY	<ul style="list-style-type: none"> • 30K cycle results & 10K Traces • Prog backup & Cycle results download in Pen drive via USB port • Cm/Cmk calculation done on controller screen based on latest cycle results
2	I/p & O/p FUNCTIONS	<ul style="list-style-type: none"> • 08 Nos. of DI & 08 Nos. of DO available inside controller • Very useful in communication with external devices – PLC or interlocks
3	CABLE COMMUNICATION	<ul style="list-style-type: none"> • Controller can be connected to Factory network, web software, downloading cycle results via Ethernet cable
4	INTERNAL Wi-Fi COMMUNICATION	<ul style="list-style-type: none"> • Internal Wi-Fi for connecting cordless tools with controller, for connecting with PC, Laptop, Tablet, Mobile phone with controller
5	WEB SOFTWARE	<ul style="list-style-type: none"> • Web browser software utility & connect with PC & mobile phone • Any Web browser – Internet explorer, Google chrome, Mozilla etc. • Prog. Changes can be done through PC, laptop, mobile phone etc. • No additional license needed
6	EMBEDDED PLC	<ul style="list-style-type: none"> • Soft PLC for adding versatility
7	FIELD BUS COMMUNICATION	<ul style="list-style-type: none"> • Support following communication to communicate ext. PLC & HMI 1. MODBUS TCP 2. ETHERNET I/P 3. PROFIBUS 4. PROFINET 5. DEVICENET
8	No. OF TOOLS	<ul style="list-style-type: none"> • Connect to 01 cable tool (Hand Held or Fixture Mounted spindle) • Connect upto 15 Nos. of cordless tool
9	No. OF PROG	<ul style="list-style-type: none"> • Up-to 99 Nos. of Jobs can be created in it
10	MULTI-SPINDLE FUNCTION	<ul style="list-style-type: none"> • Upto 24 Nos. of spindles can be connected in a Multi spindle machine • Synchronous working of all spindle function available

LICENSE REQUIREMENT

- No License reqd. for addition of any new tool with controller
- No License reqd. for programing embedded PLC
- No License reqd. for any type of Fieldbus communication – Profibus, Profinet, Modbus, Devicenet, Ethernet TCP/IP
- No License reqd. for Prog. software

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