

STANLEY
Engineered Fastening



BPB12 – BPB23 Pulse Nutrunners

Portable Ergonomic Precision Fastening

Up to 60 NM

STANLEY
Assembly Technologies

BPB Pulse Nutrunners

Cordless Nutrunners with Reduced Felt Reaction



Features

- Low Reaction Tightening via Pulse Mode
- Yellow Handles Differentiate from Direct Drive Tooling
- MES integration via STANLEY Controller
- Advanced error proofing, including batch counting
- Common PLC protocols available with controller
- Low weight ergonomic design
- Full Traceability

Benefits

- Easy Setup: NO NEW Parameters
- Graphical Programming Interface
- Reduced Felt Reaction
- Catch assembly problems before they leave the cell
- Improved reputation from improved quality
- No Oil to Change or Leak Like Traditional Pulse Tooling
- Reduced Operator Fatigue
- High Accuracy & Productivity



Programming Directions



Manual Addendum

Available SKUs

Model	Handle Type	Output Type	Max Torque (Nm)	Max Speed (RPM)	Weight (Lbs)	Weight (kg)	Bare Length (mm)	Bare Length (inches)
BPB12PB-5	Pistol Grip	Straight Output	5	1257	3	1.4	265	10.4
BPB12PP-5	Pistol Grip	Push To Start	5	1257	3	1.4	265	10.4
BPB12PB-8	Pistol Grip	Straight Output	8	873	3	1.4	265	10.4
BPB12PP-8	Pistol Grip	Push To Start	8	873	3	1.4	265	10.4
BPB12PB-11	Pistol Grip	Straight Output	11	602	3	1.4	265	10.4
BPB12PP-11	Pistol Grip	Push To Start	11	602	3	1.4	265	10.4
BPB12LA13-11	Lever Handle	Angle Head	11	582	4	1.8	337	13.2
BPB23LA15-23	Lever Handle	Angle Head	23	370	4	1.8	504	19.9
BPB23LA19-40	Lever Handle	Angle Head	40	155	5	2.3	545	21.4
BPB23LA22A-60	Lever Handle	Angle Head	60	134	7	3.2	613	24.1

Common Torques Per Fastener Type

Data Interface	Alpha Toolbox (Results & Placing Curve) On Controller and Any Connected Device
Power Source	18V / 20V MAX DEWALT Battery Platform
Interface to other devices	Cabled Connection to STANLEY Controller
User interface	LED Indicator Array, Low Force Trigger, Configurable Multi-Function Button
Output Options	Factory Supplied Quick Change and Square Drive Outputs (No specialty outputs)
Reaction Management	Complete Fixturing or Handheld (No Reaction Bars in Production Environments)
Supported Software	STANLEY Software Version 5.3.5 / 6.3.5 or Greater
Supported Strategies	Torque Control / Angle Monitor Angle Control / Torque Monitor
Supported Smart Steps	Slowseek, Self Tap, and Backout
Calibration	Power Tool Test Bench Equipped and Certified for Pulse Tooling
Sound Pressure (L _{pA})	64 dBA (75 dBA sound Power)
Vibration level (Ah)	< 2.27 m/s ² (2.5 m/s ² Uncertainty)
Compliance	CE, UKCA, 2023/1230/EU Machinery Regulation 2014/30/EU EMC Directive 2014/53/EU RED Directive 2011/65/EU RoHS Directive
Service Locations	See STANLEY Engineered Fastening to Contact an Authorized Service Center
Warranty	Up to 1 year or 250K Cycles

For More Details, See Manual and Low Reaction Tool Addendum

Typical Transportation Applications

- Engine Dress / Electronic Module Assembly
- Final Assembly
- Seating, Airbag, and Dashboard

Typical Industrial Applications

- Trailer, Bus, and Coach Ancillaries
- Whitegoods & HVAC Assembly
- Server Assembly