

# ASG-SMART SCREWDRIVERS

The ASG SD2500 series smart screwdrivers are equipped with a torque sensor and angle measurement functions. The screwdrivers can be programmed with multiple torque values.

## ASG X-PAQ -CONTROLLER

- Simple and easy-to-use programming thanks to a clear touch screen.
- Programmable for 32 tasks, each with up to 8 different target values.
- Tightening values programmable based on torque and angle.
- Clear OK/NOK signals and tightening result storage.
- Versatile connections include I/O and standard industrial protocols.
- Dimensions: 180 mm x 230 mm x 140 mm, Weight: 4.1 kg.



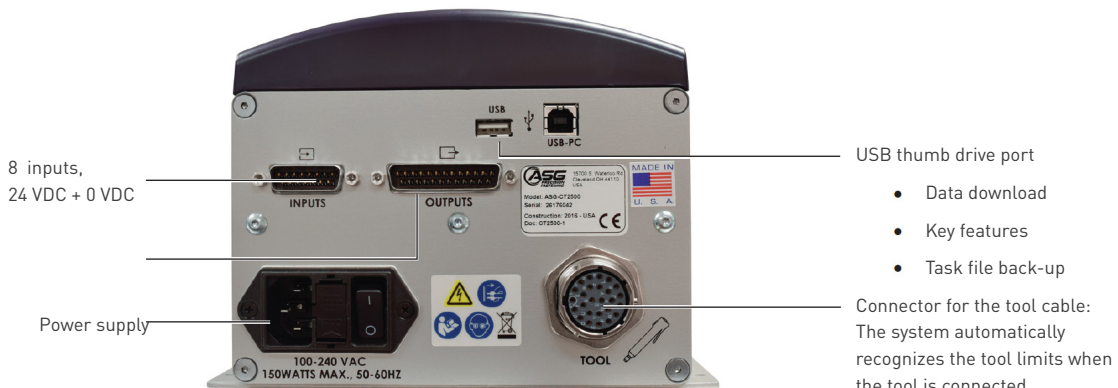
PL model  
Push or Lever Start

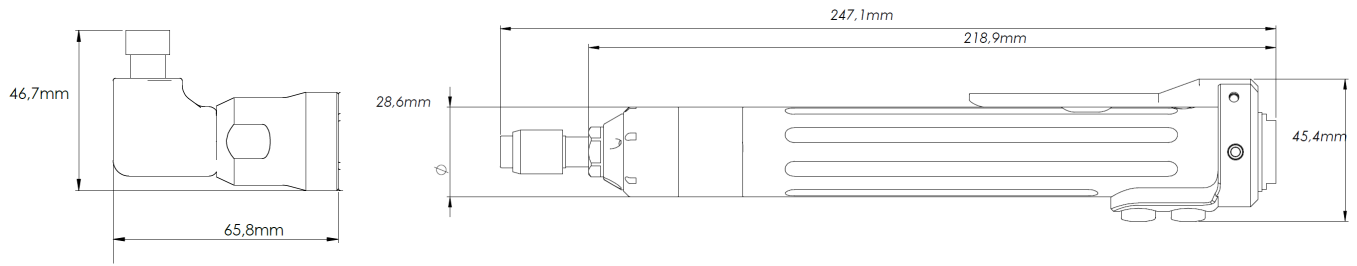


PS model  
Push To Start Only



FX model  
Threaded End





- Torque and/or angle measurement configurable.
- Automatic stop based on torque value, angle measurement, or a combination of both.
- Built-in torque sensor ensures high accuracy and excellent repeatability.
- Slim aluminum body, high-quality LED indicators, and workpiece lighting.

Item	Model	Torque range Nm	Max. rpm	Length mm	Weight kg	Drive
ASG-SD2500-10PL	Inline Push, Lever Start	0,1 - 1,1	1 700	240,3	0,46	1/4" QC
ASG-SD2500-10PS	Push-to-start	0,1 - 1,1	1 700	240,3	0,46	1/4" QC
ASG-SD2500-10FX	Push-to-start, Inline Fixture Mount	0,1 - 1,1	1 700	240,3	0,46	1/4" QC
ASG-SD2500-10RP	90° Angle Lever Start	0,1 - 1,1	1 700	254	0,57	1/4" SQ
ASG-SD2500-10RQ	90° Angle Lever Start	0,1 - 1,1	1 700	254	0,57	1/4" QC
ASG-SD2500-20PL	Inline Push, Lever Start	0,2 - 2,3	1 100	240,3	0,46	1/4" QC
ASG-SD2500-20PS	Push-to-start	0,2 - 2,3	1 100	240,3	0,46	1/4" QC
ASG-SD2500-20FX	Push-to-start, Inline Fixture Mount	0,2 - 2,3	1 100	240,3	0,46	1/4" QC
ASG-SD2500-20RP	90° Angle Lever Start	0,2 - 2,3	1 100	254	0,57	1/4" SQ
ASG-SD2500-20RQ	90° Angle Lever Start	0,2 - 2,3	1 100	254	0,57	1/4" QC
ASG-SD2500-35PL	Inline Push, Lever Start	0,4 - 3,9	800	240,3	0,46	1/4" QC
ASG-SD2500-35PS	Push-to-start	0,4 - 3,9	800	240,3	0,46	1/4" QC
ASG-SD2500-35FX	Push-to-start, Inline Fixture Mount	0,4 - 3,9	800	240,3	0,46	1/4" QC
ASG-SD2500-35RP	90° Angle Lever Start	0,4 - 3,9	800	254	0,57	1/4" SQ
ASG-SD2500-35RQ	90° Angle Lever Start	0,4 - 3,9	800	254	0,57	1/4" QC
ASG-SD2500-50PL	Inline Push, Lever Start	0,6 - 5,6	500	246,6	0,49	1/4" QC
ASG-SD2500-50PS	Push-to-start	0,6 - 5,6	500	246,6	0,49	1/4" QC
ASG-SD2500-50FX	Push-to-start, Inline Fixture Mount	0,6 - 5,6	500	246,6	0,49	1/4" QC
ASG-SD2500-50RP	90° Angle Lever Start	0,6 - 5,6	500	259,1	0,61	1/4" SQ
ASG-SD2500-50RQ	90° Angle Lever Start	0,6 - 5,6	500	259,1	0,61	1/4" QC



RQ model



RP model

## TOOL CABLES



ASG-CB2500  
Heavy Weight Strain Relief (HW)



ASG-CB2500  
ESD Safe (ESD)



ASG-CB2500  
Right Angle (RA)



ASG-CB2500  
Extension Cable (EX)



ASG-CB2500  
Right Angle Extension (RAEX)

Item (xx = Length in Feet)	Item, Length in m (ft)										Type Code
ASG-CB2500-xxHW	1,5 (05)	3,0 (10)	4,6 (15)	6,1 (20)	7,6 (25)	9,1 (30)	10,7 (35)	12,2 (40)	13,7 (45)	15,2 (50)	HW
ASG-CB2500-xxESD	1,5 (05)	3,0 (10)	4,6 (15)	6,1 (20)	7,6 (25)						ESD
ASG-CB2500-xxRA	1,5 (05)	3,0 (10)	4,6 (15)	6,1 (20)	7,6 (25)	9,1 (30)	10,7 (35)	12,2 (40)	13,7 (45)	15,2 (50)	RA
ASG-CB2500-xxEX	3,0 (10)	6,1 (20)	9,1 (30)	15,2 (50)	21,3 (70)						EX
ASG-CB2500-xxRAEX	0,3 (01)										RAEX

## TOOL ACCESSORIES

Item	Description	Product Image
<b>FX Tool Mounting Plates</b>		
ASG-AC2500-MPSF	Single Flange	
ASG-AC2500-MPJR	Double Flange with External Thread	
ASG-AC2500-MPDF	Double Flange	
<b>Hangers and Torque Arm Mounts</b>		
ASG-AC2500-SC	Suspension Clip (Pistol Grip and Right Angle Tools)	
ASG-AC2500-SB	Suspension Bail (Inline tools)	
ASG-AC2500-TMA	For use with ASG Articulating Arm	
ASG-AC2500-TML	For use with ASG Linear Arm	
<b>Grips</b>		
ASG-AC2500-PG	Pistolgrip	
ASG-AC2500-FG	Lever Tool	
<b>Other Accessories</b>		
6F0882	Axial Bearing	
ASG-AC2500-VP	Vacuum Pick-up	
ASG-AC2500-VPM	Vacuum Pick-up, FX	

## CONTROLLER ACCESSORIES

Item	Description	Product Image
<b>Signal Tower</b>		
ASG-AC2500-XXXX	Low or high models, up to 5 colors, with sound alert	
<b>Bit Trays</b>		
ASG-AC2500-BT4	4 bits	
ASG-AC2500-BT6	6 bits	
<b>Controller Mounts</b>		
ASG-AC2500-CM	Rod Mount	
ASG-AC2500-VESA	Vesa adapter	
<b>I/O Cables</b>		
ASG-AC2500-OC20	Output	
ASG-AC2500-IC20	Input	