

# FLOOR MOUNTED WELDING POSITIONERS

## Mechanized Automation



AD1043-107  
Adjustable Height Floor  
Mounted Welding Positioner  
(1,500 lbs @ 6 in.) shown with  
AD1043-160 On/Off Foot Switch

Lincoln Electric® welding positioners can be used manually or combined with mechanized automation solutions such as Pantheon® manipulators to produce a highly efficient work cell. When used manually, operators can position their work pieces easily using a hand pendant to tilt or rotate to improve their ergonomics. If utilizing a Pantheon manipulator, the positioners allow start and stop buttons to be easily integrated with the system. All floor mounted positioners feature a heavy duty integrated tilt gear and solid state controls to provide smooth motion.

### Standard features include:

- DC brake motors
- Standard interface for remote control, foot switch, or automation options (see Floor Mount Positioner Accessories)
- Solid state controls with dynamic braking and worm gear reducers on the rotation drives
- Simple manual elevation on elevating models

**Load Capacity »**  
1,000 lbs to 10,000 lbs

### Input »



### Product Number »

See back for complete specs

## FLOOR MOUNTED WELDING POSITIONERS

Positioner Description Fixed Base	Load Capacity (lbs. @ in.)	Input Power	Rotation Motor (hp)	RPM Range	Rotation Torque (in./lb)	Tilt Range (Deg.)	Tilt Motor (hp)	Tilt Motor Torque	Table Height Flat (in.)	Table Size (in.)	Table Center 90 deg. (in.)	Weight (Approx) (lbs) **
AD1043-105	1,000 @ 6	120/1 /60	1/2	0.06-3	6,000	0-90	1/2	11,000	31	30	26	950
AD1043-106	1,500 @ 6	120/1 /60	3/4	0.06-3	9,000	0-90	3/4	16,500	31	30	26	1,100
AD1043-108	1,500 @ 8	120/1 /60	1	0.06-3	12,000	0-90	1	22,000	31	36	26	1,150
AD1043-111	3,000 @ 6	120/1 /60	1	0.04-2	18,000	0-90	1	36,000	36	40	30	1,300
AD1043-113	4,500 @ 6	480/3/60	2	0.04-2	27,000	0-90	2	54,000	35	40	30	1,400
AD1043-115	4,500 @ 12	480/3/60	2	0.04-2	54,000	0-90	2	81,000	36	40	30	1,600
AD1043-116	4,500 @ 6	600/3/60	2	0.04-2	27,000	0-90	2	54,000	35	40	30	1,400
AD1043-118	4,500 @ 12	600/3/60	2	0.03-0.9	54,000	0-90	2	81,000	36	40	30	1,600
AD1043-120	6,000 @ 12	480/3/60	2	0.03-0.9	72,000	0-90	2	108,000	40	40	34	1,950
AD1043-122	6,000 @ 12	600/3/60	2	0.03-0.9	72,000	0-90	2	108,000	40	40	34	1,950
AD1043-126	8,000 @ 12	480/3/60	3	0.03-0.75	96,000	0-90	3	160,000	52	40	45	2,450
AD1043-129	8,000 @ 12	600/3/60	3	0.03-0.75	96,000	0-90	3	160,000	52	40	45	2,450
AD1043-132	10,000 @ 12	480/3/60	3	0.03-0.75	120,000	0-90	3	200,000	52	45	45	2,650
AD1043-135	10,000 @ 12	600/3/60	3	0.03-0.75	120,000	0-90	3	200,000	52	45	45	2,650

Adjustable Height									Note*			
AD1043-107	1,500 @ 6	120/1 /60	3/4	0.06-3	9,000	0-135	3/4	16,500	5	30	30-45	1,350
AD1043-109	1,500 @ 9	120/1 /60	1	0.06-3	12,000	0-135	3/4	22,000	5	36	30-45	1,400
AD1043-112	3,000 @ 6	120/1 /60	1	0.04-2	18,000	0-135	1	36,000	6	40	33-51	1,700
AD1043-114	4,500 @ 6	480/3/60	2	0.04-2	27,000	0-135	2	54,000	6	40	33-45	1,800
AD1043-117	4,500 @ 12	600/3/60	2	0.04-2	54,000	0-135	2	54,000	6	40	33-45	1,800
AD1043-121	6,000 @ 12	480/3/60	2	0.03-0.9	72,000	0-135	2	108,000	6	40	36-54	2,200
AD1043-123	6,000 @ 12	600/3/60	2	0.03-0.9	72,000	0-135	2	108,000	6	40	40-58	2,200
AD1043-127	8,000 @ 12	480/3/60	3	0.03-0.75	96,000	0-135	3	160,000	6	40	40-58	2,900
AD1043-130	8,000 @ 12	600/3/60	3	0.03-0.75	96,000	0-135	3	160,000	6	40	40-58	2,900
AD1043-133	10,000 @ 12	480/3/60	3	0.03-0.75	120,000	0-135	3	200,000	6	45	42-60	3,100
AD1043-136	10,000 @ 12	600/3/60	3	0.03-0.75	120,000	0-135	3	200,000	6	45	42-60	3,100

\* Note: Incremental height adjustment spacing

\*\* Note: Weights are approximate and vary with selected options

## FLOOR MOUNT POSITIONER ACCESSORIES

### Remote Control Options

Part Number	Part Description
AD1043-150	Ergonomic Free-Standing Remote Console
AD1043-151	Control Pendant

### Foot Switch Options

Part Number	Part Description
AD1043-152	Variable Speed Foot Switch
AD1043-153	Forward / Reverse Foot Switch
AD1043-160	Momentary on/off Foot switch
AD1043-154	Wireless Foot Switch (On/Off) - 40 ft.Range
AD1043-155	Wireless Foot Switch (Forward / Reverse) - 40 ft. Range

### Automation

Part Number	Part Description
AD1043-156	Digital Timer (Dial Pre-set) - Includes Aux Start Relay
AD1043-157	Single Option Start Delay (Arc or Rotation)
AD1043-158	Dual Option Start & End Delay (Arc / Rotation With Toggle)
AD1043-159	Digital Display
AD1043-155	Wireless Foot Switch (Forward / Reverse) - 40 ft. Range

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