

# TURNING ROLLS

## Mechanized Automation



Lincoln Electric® offers an extensive line of turning and idler rolls for welding applications. All of the turning rolls feature a hand pendant controller. The turning rolls also feature a universal plug, allowing for easy installation and changeout of foot switches, hand pendants, and tachometers. Variable speed controls, high quality worm gear reducers and solid state controls with dynamic braking is standard on power and idler rolls.

The 30,000 pound capacity turning and idler models feature a constant centerline, quick, accurate roll change centers, and direct drive roll connections.

**Turning Capacity lb (kg) »**  
1500-30000 (680-13608)

**Input »**



**Product Number »**

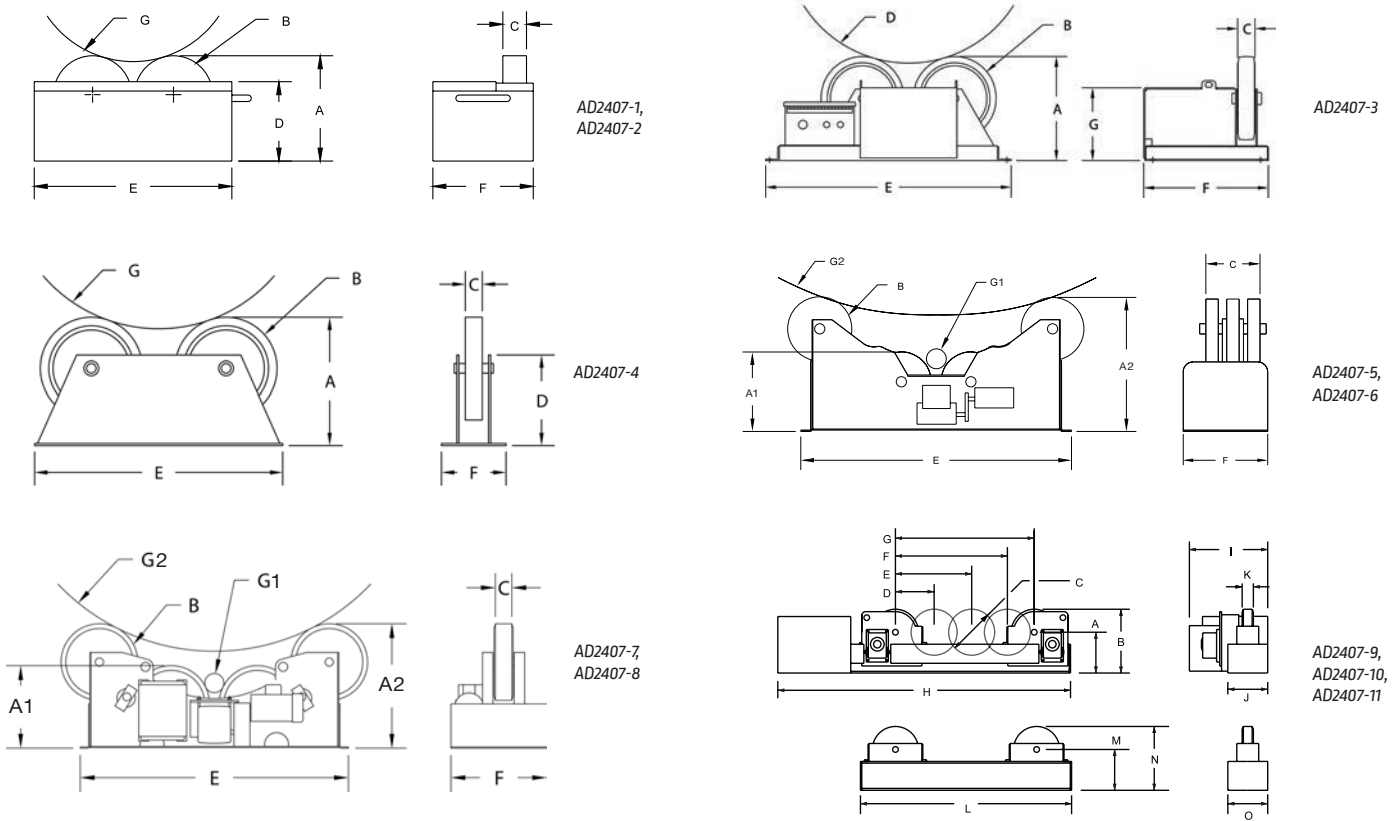
See back for complete specs

**PRODUCT SPECIFICATIONS**

Product Name	Product Number	Turning Capacity lb (kg)	Input Power Voltage/Phase/Hertz/Amps	Pipe Diameter Range in (mm)	Tractive Effort lb (kg)	Load Capacity lb (kg)	Speed Range IPM	Motor Rating HP	Wheel Diameter in (mm)	Combined Wheel Face in (mm)	Wheel Center to Center Spacing in (mm)	Weight lb (kg)
Power Roll 16 in (406 mm)	AD2407-1	1500 (680)	115/1/60/6	2-16 (51-406)	N/A	750 (340)	1-50	1/15	6 (152)	2 (51)	6 3/8 (162)	45 (20.4)
Idler Roll 16 in (406 mm)	AD2407-2		N/A				N/A	N/A				20 (9.1)
Power Roll 40 in (1016 mm)	AD2407-3	6000 (2722)	115/1/60/6	3.5-40 (89-1016)	277 (126)	2000 (907)	2-60	1/4	12 (305)	2.5 (64)	N/A	230 (104.3)
Idler Roll 40 in (1016 mm)	AD2407-4		N/A				N/A	N/A				100 (45.4)
Power Roll 144 in (3658 mm)	AD2407-5	8000 (3629)	115/1/60/6.5	4-144 (102-3658)	396 (180)	4000 (1814)	5-105	1/3	10 7/8 (276)	N/A	N/A	500 (226.8)
Idler Roll 144 in (3658 mm)	AD2407-6		N/A				N/A	N/A				325 (147.4)
Power Roll 144 in (3658 mm)	AD2407-7	15000 (6804)	115/1/60/10	3.5-144 (89-3658)	693 (314)	7500 (3402)	4.7-94.5	1/2	16 (406)	4 (102)	N/A	700 (317.5)
Idler Roll 144 in (3658 mm)	AD2407-8		N/A				N/A	N/A				500 (226.8)
Power Roll 144 in (3658 mm)	AD2407-13	30000 (13608)	460/3/60/12	4-144 (102-3658)	1385 (628)	10000 (4536)	2.1-63.5	1	16 (406)	4 (102)	N/A	1050 (476.3)
Power Roll 144 in (3658 mm)	AD2407-15		600/3/60/10				N/A	N/A				1050 (476.3)
Idler Roll 144 in (3658 mm)	AD2407-14		N/A				N/A	N/A				500 (226.8)
Power Roll 180 in (4572 mm)	AD2407-9	30000 (13608)	460/3/60/12	6-180 (152-4572)	1385 (628)	10000 (4536)	2.1-63	1	16 (406)	4 (102)	N/A	950 (431)
Power Roll 180 in (4572 mm)	AD2407-11		600/3/60/10				N/A	N/A				950 (431)
Idler Roll 180 in (4572 mm)	AD2407-10		N/A				N/A	N/A				400 (181.4)

**QUICKSET SPECIFICATIONS FOR POWER & IDLER ROLLS < 15000 LB (6804 KG)**

Product Name	Product Number	A	B	C	D	E	F	G	
		Wheel Height in (mm)	Wheel Diameter in (mm)	Wheel Face in (mm)	Frame Height in (mm)	Frame Length in (mm)	Frame Width in (mm)	Pipe Diameter Range in (mm)	
Power Roll 16 in (406 mm)	AD2407-1	8.5 (216)	6 (152)	2 (51)	6 1/2 (165)	15 3/8 (391)	7 3/8 (187)	2-16 (51-406)	
Idler Roll 16 in (406 mm)	AD2407-2					14 3/8 (365)	7 1/2 (190)		
Power Roll 40 in (1016 mm)	AD2407-3	15 (381)	12 (305)	2 1/2 (64)	10 9/16 (268)	35 5/8 (905)	18 1/16 (459)	3 1/2-40 (89-1016)	
Idler Roll 40 in (1016 mm)	AD2407-4				15 (381)	27 3/4 (705)	6 (152)		
Power Roll 144 in (3658 mm)	AD2407-5	16 (406) min <sup>A1</sup> 26 11/16 (678) max <sup>A2</sup>	12 (305)	10 7/8 (276)	N/A	58 7/8 (1495)	17 (432)	4-144 (102-3658)	
Idler Roll 144 in (3658 mm)	AD2407-6			11 3/16 (284)			18 (457)		
Power Roll 144 in (3658 mm)	AD2407-7	17 1/4 (438) min <sup>A1</sup> 26 (660) max <sup>A2</sup>	16 (406)	4 (102)			64 (1625)	20 (508)	3 1/2-144 (89-3658)
Idler Roll 144 in (3658 mm)	AD2407-8			4 (102)				18 (457)	

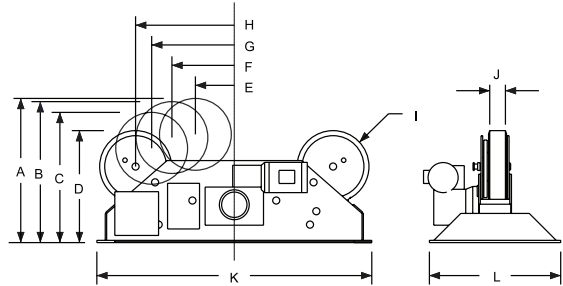


**QUICKSET SPECIFICATIONS FOR POWER & IDLER ROLLS > 15000 LB (6804 KG)**

Product Name	Product Number	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
		Axle Height in (mm)	Wheel Height in (mm)	Wheel Diameter in (mm)	Spacing For Cylinders ø 6-41 in (152-1041 mm)	Spacing For Cylinders ø 30-87 in (762-2210 mm)	Spacing For Cylinders ø 50-132 in (1270-3352 mm)	Spacing For Cylinders ø 100-180 in (2540-4572 mm)	Power Roll Length in (mm)	Power Roll Width in (mm)	Power Roll Frame Width in (mm)	Wheel Face	Idler Roll Length in (mm)	Axle Height in (mm)	Wheel Height in (mm)	Idler Roll Frame Width in (mm)
Power Roll 180 in (4572 mm)	AD2407-9								110 (2794)	24 (609)	20 (508)		N/A			N/A
Idler Roll 180 in (4572 mm)	AD2407-10	11 3/8 (289)	19 3/8 (492)	16 (406)	19 1/2 (495)	95 (889)	50 1/2 (1282)	66 (1676)	N/A	N/A	N/A	4 (102)	90 (2286)	11 3/8 (289)	19 3/8 (492)	20 (508)
Power Roll 180 in (4572 mm)	AD2407-11								110 (2794)	24 (609)	20 (508)		N/A			N/A

**QUICKSET SPECIFICATIONS FOR POWER & IDLER ROLLS > 15000 LB (6804 KG)**

Product Name	Product Number	A	B	C	D	E	F	G	H	I	J	K	L
		Wheel Height in (mm)				Spacing For Cylinders ø 4-36 in (101.6-914.4 mm)	Spacing For Cylinders ø 35-65 in (889-1651 mm)	Spacing For Cylinders ø 58-92 in (1473.2-2336.8 mm)	Spacing For Cylinders ø 72-144 in (1828.8-3657.6 mm)	Wheel Diameter in (mm)	Wheel Face in (mm)	Frame Length in (mm)	Frame Width in (mm)
Power Roll 144 in (3658 mm)	AD2407-13												
Idler Roll 144 in (3658 mm)	AD2407-14	32.11 (813)	31.38 (787)	28.88 (737)	24.94 (635)	8.75 (222)	13.94 (356)	18.55 (470)	22 (559)	16 (406)	4 (102)	61.25 (1556)	29.25 (743)
Power Roll 144 in (3658 mm)	AD2407-15												



AD2407-13, AD2407-14, AD2407-15

**ADDITIONAL ACCESSORIES**

Product Name	Product Number	Power Roll 16 in (406 mm) [AD2407-1]	Power Roll 40 in (1016 mm) [AD2407-3]	Power Roll 144 in (3658 mm) [AD2407-5]	Power Roll 144 in (3658 mm) [AD2407-7]	Power Roll 180 in (4572 mm) [AD2407-9]	Power Roll 180 in (4572 mm) [AD2407-11]	Power Roll 144 in (3658 mm) [AD2407-13]	Power Roll 144 in (3658 mm) [AD2407-15]
Footswitch Forward/ Stop/Reverse	AD2404-2	•	•	•	•	•	•	•	•
Footswitch Variable Speed Control	AD2404-3	•	•	•	•	•	•	•	•
Digital Tachometer	AD2404-5	•	•	•	•	•	•	•	•

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