



R-SMART SERIES

Hydraulic Rectilinear Type Four Rolls



STANDARD

- Very suitable for light and medium plates, aluminum or stainless steel bending
- Mild Steels in full circle or varying radiuses can be done easily
- Pinch roll and lateral rolls move with pyramid linear direct movement by hydraulic pistons.
- Overload protection.
- Top roll is powered by electrical motor and planetary gearbox. Bottom roll powered with cardan joint system (two rolls powered)
- Three digital readouts for easy roll positioning
- Hydraulic Drop-End for easy removal of finished bending
- Easy operation with mobile control panel
- Welded steel frames
- Induction hardened forged or rolled AISI 1050 Steel rolls
- Conical bending device
- Hydraulic balancing system

OPTIONAL

- NC control system
- Overhead crane for large diameters
- Hydraulic lateral side supports for large diameters
- Ground and polished rolls for special rolls
- Double speed system

R-SMART Series	Rolls Length inch	Pre-Bending Capacity inch	Bending Capacity inch	Central Roll Diameters inch	Side Roll Diameters inch	Motor Power HP	Bending Speed FPM	Length inch	Width inch	Height inch	Weight lbs
R-SMART 2-315	2' 1"	12 ga	10 ga	3.15	3.15	1.5+1	16	77	38	38	2094
R-SMART 3-315	3' 5"	16 ga	14 ga	3.15	3.15	1.5+1	16	93	38	38	2535
R-SMART 4-315	4' 2"	20 ga	16 ga	3.15	3.15	1.5+1	16	102	38	38	2756
R-SMART 4-394	4' 2"	16 ga	14 ga	3.94	3.54	1.5+1	21	102	38	38	2976
R-SMART 4-512	4' 2"	1/8"	5/32"	5.12	5.12	3+1	19	119	46	44	4740
R-SMART 4-591	4' 2"	5/32"	3/16"	5.91	5.12	3+1.5	19	119	46	44	4751
R-SMART 4-709	4' 2"	7/32"	9/32"	7.09	5.91	5.5+1.5	16	121	54	51	5952
R-SMART 4-787	4' 2"	5/16"	3/8"	7.87	7.09	5.5+1.5	19	121	54	51	6614
R-SMART 5-315	5' 1"	24 ga	20 ga	3.15	3.15	1.5+1	16	113	38	38	2976
R-SMART 5-394	5' 1"	20 ga	16 ga	3.94	3.54	1.5+1	21	113	38	38	3307
R-SMART 5-512	5' 1"	12 ga	10 ga	5.12	5.12	3+1	16	130	46	44	4960
R-SMART 5-591	5' 1"	10 ga	1/4"	5.91	5.12	3+1.5	19	130	46	44	5225
R-SMART 5-709	5' 1"	3/16"	9/32"	7.09	5.91	5.5+1.5	16	132	54	51	6393
R-SMART 5-787	5' 1"	9/32"	11/32"	7.87	7.09	5.5+2	19	132	54	51	7165
R-SMART 5-866	5' 1"	5/16"	3/8"	8.66	7.09	7.5+2	16	138	60	54	9370
R-SMART 5-984	5' 1"	3/8"	1/2"	9.84	7.87	10+2	16	138	60	54	10251
R-SMART 6-512	6' 8"	12 ga	10 ga	5.12	5.12	2+1	16	150	46	44	5401
R-SMART 6-591	6' 8"	10 ga	5/32"	5.91	5.12	3+1.5	19	150	46	44	6173
R-SMART 6-709	6' 8"	5/32"	1/4"	7.09	5.91	5.5+1.5	16	152	54	51	7275
R-SMART 6-787	6' 8"	1/4"	5/16"	7.87	7.09	5.5+2	19	152	54	51	8267
R-SMART 6-866	6' 8"	9/32"	11/32"	8.66	7.09	7.5+2	16	158	60	54	10582
R-SMART 6-984	6' 8"	5/16"	3/8"	9.84	7.87	10+2	16	158	60	54	11795
R-SMART 6-1083	6' 8"	1/2"	5/8"	10.83	8.66	15	4-16	174	63	71	17637
R-SMART 6-1181	6' 8"	5/8"	11/16"	11.81	9.84	15	4-16	174	71	77	19842
R-SMART 8-591	8' 4"	14 ga	10 ga	5.91	5.12	3+1.5	19	170	46	44	7121
R-SMART 8-709	8' 4"	10 ga	5/32"	7.09	5.91	5.5+1.5	16	172	54	51	8157
R-SMART 8-787	8' 4"	5/32"	1/4"	7.87	7.09	5.5+2	19	172	54	51	9370
R-SMART 8-866	8' 4"	3/16"	9/32"	8.66	7.09	7+2	16	178	60	54	11905
R-SMART 8-984	8' 4"	1/4"	5/16"	9.84	7.87	10+2	16	178	60	54	13448
R-SMART 8-1083	8' 4"	3/8"	1/2"	10.83	8.66	15	4-16	193	63	71	19842
R-SMART 8-1181	8' 4"	1/2"	5/8"	11.81	9.84	15	4-16	193	71	77	23149
R-SMART 10-709	10' 2"	14 ga	10 ga	7.09	5.91	5.5+1.5	16	191	54	51	9039
R-SMART 10-787	10' 2"	10 ga	5/32"	7.87	7.09	5.5+2	19	191	54	51	10472
R-SMART 10-866	10' 2"	5/32"	1/4"	8.66	7.09	7.5+2	16	197	60	54	13228
R-SMART 10-984	10' 2"	3/16"	9/32"	9.84	7.87	10+2	16	197	60	54	14991
R-SMART 10-1083	10' 2"	5/16"	3/8"	10.83	8.66	15	4-16	213	63	71	23149
R-SMART 10-1181	10' 2"	3/8"	1/2"	11.81	9.84	15	4-16	213	71	77	25353
R-SMART 13-984	13' 5"	10 ga	5/32"	9.84	7.87	10+2	16	237	60	54	18739
R-SMART 13-1083	13' 5"	5/32"	1/4"	10.83	8.66	15	4-16	252	63	71	26455
R-SMART 13-1181	13' 5"	1/4"	5/16"	11.81	9.84	15	4-16	252	71	77	29762