

1806RG		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.250"	6 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	74.25"	1,886 mm
Depth of throat	4"	101.6 mm
Rake Angle	.250"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	51.5"	1308.1 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	7	7
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	11,600 lbs.	5,261 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	7.5 HP	5.6 KW
Knife Type	A	A

1808G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.250"	6 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	98.25"	2,495 mm
Depth of throat	4"	101.6 mm
Rake Angle	.250"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	51.5"	1308.1 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	9	9
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	13,600 lbs.	6,169 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	7.5 HP	5.6 KW
Knife Type	A	A

1810G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.250"	6 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	122.25"	3,105 mm
Depth of throat	4"	101.6 mm
Rake Angle	.250"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	54.5"	1,384 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	11	11
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	16,500 lbs.	7,484 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	7.5 HP	5.6 KW
Knife Type	A	A

1812G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.250"	6 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	146.25"	3,715 mm
Depth of throat	4"	101.6 mm
Rake Angle	.250"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	58.5"	1,486 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	13	13
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	20,500 lbs.	9,298 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	10 HP	7.5 KW
Knife Type	A	A

1814G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.188"	4.77 mm
Minimum	26ga	.455 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	170.25"	4,324 mm
Depth of throat	4"	101.6 mm
Rake Angle	.234"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	56.5"	1,435 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	15	15
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	24,800 lbs.	11,249 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	10 HP	7.5 KW
Knife Type	A	A

1816G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.135"	3 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	194"	4,934 mm
Depth of throat	4"	101.6 mm
Rake Angle	.219"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	60 spm	60 spm
Frontgauge Range (with optional front supports)	76"	1,930 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	17	17
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	29,600 lbs.	13,426 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	10 HP	7.5 KW
Knife Type	A	A

2510G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.375"	9 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	122.5"	3,112 mm
Depth of throat	4"	101.6 mm
Rake Angle	.281"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	50 spm	50 spm
Frontgauge Range (with optional front supports)	56.5"	1,435 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	11	11
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	21,400 lbs.	9,707 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	10 HP	7.5 KW
Knife Type	C	C

2512G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.375"	9 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	146.5"	3,721 mm
Depth of throat	4"	101.6 mm
Rake Angle	.281"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	50 spm	50 spm
Frontgauge Range (with optional front supports)	60.5"	1,537 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	13	13
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	28,300 lbs.	12,837 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	15 HP	11.2 KW
Knife Type	C	C

2514G		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.250"	6.35 mm
Minimum	26ga	.5 mm
Mild Steel defined as: Ultimate Tensile strength 55,000 - 70,000 psi Yield strength 35,000 - 50,000 psi Elongation % in 2" 20-35%		
For relative capacities of other materials refer to *CINCINNATI Shear Capacities PT-30491.		
Cutting Length	170.25"	4,324 mm
Depth of throat	4"	101.6 mm
Rake Angle	.250"/ft.	
Cycle Speed		
Expected cuts per minute can vary 5-15% less than free running spm depending on material thickness, tensile strength, knife condition, knife clearance and operator skill. Speed reduced 5/6 when 50 Hz service	50 spm	50 spm
Frontgauge Range (with optional front supports)	61.5"	1,562 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	15	15
Approximate base machine weight <i>(does not include options, i.e. squaring arm support arms, etc.)</i>	31,000 lbs.	14,061 kg
Backgauge		
Range	48"	1219.2 mm
Speed	60 IPM	1524 mm/m
Positioning	.005"	.13 mm
Positioning Repeatability	± .002"	± .051 mm
Electrical	460/3/60	460/3/60
Motor Horsepower	15 HP	11.2 KW
Knife Type	C	C