

250HS6		
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	74.75"	1,898 mm
Rake Angle (adjustable)	.234-.375"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	50 spm	65 spm
Minimum, full length capacity at max rake	25 spm	32 spm
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		
Frontgagge Range (with optional front supports)	55"	1,397 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	8	8
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	14,600 lbs.	6,622 kg
Backgagge		
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	25 HP	19 KW
Knife Type	A	A

250HS12		
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	146.75"	3,727 mm
Rake Angle (adjustable)	.234-.375"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	45 spm	58 spm
Minimum, full length capacity at max rake	20 spm	18 spm
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		
Frontgagge Range (with optional front supports)	62"	1,575 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	14	14
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	17,600 lbs.	7,983 kg
Backgagge		
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	25 HP	19 KW
Knife Type	A	A

250HS08			
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	98.75"	2,508 mm	
Rake Angle (adjustable)	.234-.375"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	50 spm	63 spm	
Minimum, full length capacity at max rake	20 spm	26 spm	
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			
Frontgagge Range (with optional front supports)	55"	1,397 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	10	10	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	15,600 lbs.	7,076 kg	
Backgagge			
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	25 HP	19 KW	
Knife Type	A	A	

250HS14			
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	170.75"	4,337 mm	
Rake Angle (adjustable)	.234-.375"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	35 spm	52 spm	
Minimum, full length capacity at max rake	15 spm	16 spm	
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			
Frontgagge Range (with optional front supports)	67"	1,702 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	16	16	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	18,600 lbs.	8,437 kg	
Backgagge			
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	25 HP	19 KW	
Knife Type	A	A	

250HS10			
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	122.75"	3,118 mm	
Rake Angle (adjustable)	.234-.375"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	45 spm	60 spm	
Minimum, full length capacity at max rake	20 spm	20 spm	
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			
Frontgagge Range (with optional front supports)	55"	1,397 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	12	12	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	16,600 lbs.	7,530 kg	
Backgagge			
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	25 HP	19 KW	
Knife Type	A	A	

350HS10			
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	122.75"	3,118 mm	
Rake Angle (adjustable)	.203-.438"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	40 spm	55 spm	
Minimum, full length capacity at max rake	15 spm	15 spm	
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			
Frontgagge Range (with optional front supports)	62"	1,575 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	13	13	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	19,100 lbs.	8,664 kg	
Backgagge			
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	25 HP	19 KW	
Knife Type	C	C	

350HS12		
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	146.75"	3,727 mm
Rake Angle (adjustable)	.203-.438"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	40 spm	52 spm
Minimum, full length capacity at max rake	15 spm	13 spm
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		
Frontgage Range (with optional front supports)	67"	1,702 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	15	15
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	25,000 lbs.	11,340 kg
Backgage		
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	25 HP	19 KW
Knife Type	C	C

500HS12		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.500"	12 mm
Minimum	22ga	.75 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	146.75"	3,727 mm
Rake Angle (adjustable)	.188-.50"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	30 spm	43 spm
Minimum, full length capacity at max rake	15 spm	9 spm
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		
Frontgage Range (with optional front supports)	63.5"	1,613 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	15	15
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	28,600 lbs.	12,973 kg
Backgage		
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	40 HP	29.9 KW
Knife Type	C	C

350HS14			
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	170.75"	4,337 mm	
Rake Angle (adjustable)	.203-.438"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	35 spm	41 spm	
Minimum, full length capacity at max rake	9 spm	7 spm	
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			
Frontgage Range (with optional front supports)	69"	1,753 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	17	17	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	31,600 lbs.	14,333 kg	
Backgage			
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	25 HP	19 KW	
Knife Type	C	C	

750HS10			
SPECIFICATION	INCH	METRIC	
Capacities, mild steel			
Maximum	.750"	19 mm	
Minimum	20ga	.9 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	
Rake Angle (adjustable)	.188-.75"/ft		
Cycle Speed			
Maximum, 12" (300mm) cut length with min rake	35 spm	45 spm	
Minimum, full length capacity at max rake	8 spm	10 spm	
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			
Frontgage Range (with optional front supports)	58.5"	1,486 mm	
Holddowns			
HolddownType	Hydraulic	Hydraulic	
Number of Holddowns	13	13	
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	35,600 lbs.	16,148 kg	
Backgage			
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	40 HP	29.9 KW	
Knife Type	D	D	

500HS10		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.500"	12 mm
Minimum	22ga	.75 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	122.75"	3,118 mm
Rake Angle (adjustable)	.188-.50"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	30 spm	45 spm
Minimum, full length capacity at max rake	15 spm	11 spm
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		
Frontgage Range (with optional front supports)	58.5"	1,486 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	13	13
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	25,600 lbs.	11,612 kg
Backgage		
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	40 HP	29.9 KW
Knife Type	C	C

750HS12		
SPECIFICATION	INCH	METRIC
Capacities, mild steel		
Maximum	.750"	19 mm
Minimum	20ga	.9 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
Rake Angle (adjustable)	.188-.75"/ft	
Cycle Speed		
Maximum, 12" (300mm) cut length with min rake	25 spm	43 spm
Minimum, full length capacity at max rake	5 spm	8 spm
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		
Frontgage Range (with optional front supports)	63.5"	1,613 mm
Holddowns		
HolddownType	Hydraulic	Hydraulic
Number of Holddowns	15	15
Approximate base machine weight (does not include options, i.e. squaring arm support arms, etc.)	39,600 lbs.	17,962 kg
Backgage		
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	40 HP	29.9 KW
Knife Type	D	D