

Blanking

Division	Line	Press OEM	Press Tonnage	Die Loading	Bed Size	Shut Hgt	Bolster	Gauge Range	Max Width	Max Pitch	Max O.D.	Max Coil Wgt (lbs.)	CFG	CTL	TRP	CHV	RAD	ALM	AHS
Chicago, IL	1	Auto Feed	160	Swing Shear	x			0.010" - 0.100"	72"	120"	72"	60,000		X	X			X	X
	3	Clearing	400	Side	136" x 84"	47"	Fixed	0.024" - 0.100"	66"	120"	72"	60,000	X	X	X	X	X	X	X
	4	Clearing	400	Side	136" x 84"	47"	Fixed	0.020" - 0.126"	66"	120"	72"	60,000	X	X	X	X	X	X	
	5	Danley	400	Side	205" x 96"	52"	Fixed	0.020" - 0.100"	72"	124"	68"	60,000	X	X	X	X	X		X
	6	Clearing	500	Side	186" x 108"	46.75"	Sub-Plate	0.024" - 0.100"	72"	164"	72"	60,000	EX	EX	EX	EX	EX		EX
	7	Clearing	500	Side	186" x 108"	48"	Fixed	0.024" - 0.090"	72"	140"	72"	60,000	EX	EX	EX	EX	EX		EX
	New Boston, MI	Ace	Fukui	400	Side	134" x 86"	43"	Rolling	0.020" - 0.090"	72"	118"	72"	44,000	X	X	X	X	X	
Deuce		Fukui	600	Side	204" x 104"	53"	Rolling	0.020" - 0.126"	78"	165"	96"	65,000	EX	EX	EX	EX	EX	EX	EX
Quattro		Barrie HYD	250	Side	121" x 96"	36"	Fixed	0.024" - 0.126"	72"	200"	72"	40,000	X	X	X	X	X	X	
North Vernon, IN	1	Clearing	500	Side	186" x 108"	48"	Fixed	0.017" - 0.135"	72"	200"	72"	40,000	X	X	X	X	X	X	X
	2	Barrie HYD	250	Side	121" x 96"	48"	Fixed	0.040" - 0.104"	72"	200"	72"	60,000	X	X	X	X	X	X	
	3	Air Ram	150	Side	74" x 77"	23"	Fixed	0.030" - 0.110"	72"	200"	72"	45,000		X	X				
	4	Air Ram	80	Side	74" x 72"	19.5"	Fixed	0.030" - 0.065"	60"	200"	72"	30,000		X	X				

HIGH VOLUME LASER BLANKING (available in fourth quarter 2015)

Division	Line	Gauge Range	Coil Width		Coil Wgt. Max	Coil Size ID and OD	Pallet Weight Max	Pallet Height Max	Blank Width and Length	Blank Weight Max	Materials						Type of Shapes					
			Min	Max							H R	C R	C O	S S	E X	A L M	A H S	C F G	C T L	T R P	C H V	R A D
New Boston, MI	Laser Coil	0.019" - 0.225"	15.75"	76"	60,000 lbs.	20.00" - 24.00"	40,000 lbs.	20.0"	15.75" - 76.00"	275 lbs.	X	X	X	X		X	X	X	X	X	X	X
						30.50" - 96.00"			8.00" - 168.00"													

Slitting

Division	Line	Gauge Range	Max Coil Width		Max Coil OD		Coil ID Range					Materials						Max Coil Wgt (lbs)			
			IN	OUT	IN	OUT	IN		OUT			HR	CR	CO	SS	EX	ALM	AHS	IN	OUT	
Jackson, AL	Nova - 73"	0.145" - 0.500"	74"	73"	84"	84"	24"	to	32"	24"			X		X	X		X		80,000	80,000
	Braner - 72"	0.010" - 0.250"	73"	72"	72"	72"	20"		24"	20"		24"	X	X	X	X		X	X	60,000	60,000
New Boston, MI	Stamco - 76"	0.015" - 0.140"	76"	76"	96"	96"	20"		24"	20"		24"	X	X	X	X	EX	EX		60,000	60,000
	Braner - 60"	0.030" - 0.148"	61"	60"	72"	72"	20"	22"	24"	20"	22"	24"	X	X	X	X		X	X	55,000	55,000
North Vernon, IN	Braner - 60"	0.015" - 0.157"	62"	60"	72"	72"	20"	to	24"	20"		24"	X	X	X	X		X	X	60,000	60,000
	Chicago - 72"	0.015" - 0.157"	74"	72"	72"	72"	20"	to	24"	20"		24"	X	X	X	X		X	X	50,000	50,000

Rollforming - Customer inquiries are welcomed regarding size requirements other than those shown.

Division	Line	Rings	Diameter		Length	Width	Gauge Range	Steel	
			MIN	MAX				Type	Grades
Jackson, AL	SET	ID	20"	30"	Circumference + 4"	1.75" - 4.75"	0.028" - 0.036"	CO - 30/30 Min	CQ & EDDS
		OD	31"	79"	Circumference + 4"	2.00" - 5.00"	0.028" - 0.036"	CO - 30/30 Min	CQ & EDDS
		Quarters	20"	79"	47" Min - 75" Max	2.00" - 5.00"	0.028" - 0.036"	CO - 30/30 Min	CQ & EDDS

CFG: Configured blanks
HR: Hot rolled steel
CQ: Commercial Quaiy

CTL: Cut-to-length or rectangular blanks
CR: Cold rolled steel
EDDS: Extra Deep Drawing Steel

TRP: Trapezoids or parallelograms
CO: Coated steel
AHS: Advance High Strength Steels

CHV: Chevrons
SS: Stainless steel
EX: Exposed quality steel

RAD: Radius Cuts
ALM: Aluminum

Unit of Measure: English



Advanced Metal Processing Technologies

Capabilities

Blanking

Division	Line	Press OEM	Press Tonnage - Metric	Die Loading	Bed Size mm	Shut Hgt mm	Bolster	Gauge Range mm	Max Width mm	Max Pitch mm	Max O.D. mm	Max Coil Wgt (kgs.)	CFG	CTL	TRP	CHV	RAD	ALM	AHS	
Chicago, IL	1	Auto Feed	145	Swing Shear	x			0.25 - 2.54	1,829	3,050	1829	27,216 kgs.		X	X			X	X	
	3	Clearing	362	Side	3,454 x 2,134	1,194	Fixed	0.61 - 2.54	1,676	3,050	1829	27,216 kgs.	X	X	X	X	X	X	X	
	4	Clearing	362	Side	3,454 x 2,134	1,194	Fixed	0.50 - 3.20	1,676	3,050	1829	27,216 kgs.	X	X	X	X	X	X	X	
	5	Danley	362	Side	5,207 x 2,438	1,321	Fixed	0.50 - 2.54	1,829	3,150	1727	27,216 kgs.	X	X	X	X	X	X	X	
	6	Clearing	453	Side	4,724 x 2,743	1,187	Sub-Plate	0.61 - 2.54	1,829	4,165	1829	27,216 kgs.	EX	EX	EX	EX	EX			EX
	7	Clearing	453	Side	4,724 x 2,743	1,219	Fixed	0.61 - 2.29	1,829	3,550	1829	27,216 kgs.	EX	EX	EX	EX	EX			
New Boston, MI	Ace	Fukui	362	Side	3,404 x 2,184	1,092	Rolling	0.50 - 2.29	1,829	3,000	1829	19,958 kgs.	X	X	X	X	X			
	Deuce	Fukui	544	Side	5,182 x 2,642	1,346	Rolling	0.50 - 3.20	1,981	4,191	2438	29,484 kgs.	EX	EX	EX	EX	EX	EX	EX	
	Quattro	Barrie HYD	226	Side	3,073 x 2,438	914	Fixed	0.60 - 3.20	1,829	5,080	1829	18,144 kgs.	X	X	X	X	X	X		
North Vernon, IN	1	Clearing	453	Side	4,724 x 2,743	1,219	Fixed	0.43 - 3.43	1,829	5,080	1829	18,144 kgs.	X	X	X	X	X	X	X	
	2	Barrie HYD	226	Side	3,073 x 2,438	1,219	Fixed	1.02 - 2.64	1,829	5,080	1829	27,216 kgs.	X	X	X	X	X	X		
	3	Air Ram	136	Side	1,880 x 1,956	584	Fixed	0.76 - 2.79	1,829	5,080	1829	20,412 kgs.		X	X					
	4	Air Ram	72	Side	1,880 x 1,829	495	Fixed	0.76 - 1.65	1,524	5,080	1829	13,608 kgs.		X	X					

HIGH VOLUME LASER BLANKING (available in fourth quarter 2015)

Division	Line	Gauge Range mm	Coil Width mm		Coil Wgt. (kgs.)	Coil Size mm ID and OD	Pallet Weight Max	Pallet Height Max	Blank Width and Length	Blank Weight Max	Materials						Type of Shapes						
			Min	Max							HR	CR	CO	SS	EX	ALM	AHS	CFG	CTL	TRP	CHV	RAD	
New Boston, MI	Laser Coil	0.48 - 5.71	400	1930	27,216 kgs.	508 - 609	18,144 kgs.	508	400 - 1930	125 kgs.	X	X	X	X		X	X	X	X	X	X	X	X
						774 - 2438			203 - 4267														

Slitting

Division	Line	Gauge Range mm	Max Coil Width		Max Coil OD		Coil ID Range mm						Materials						Max Coil Wgt (kgs.)		
			mm IN	mm OUT	mm IN	mm OUT	IN			OUT			HR	CR	CO	SS	EX	ALM	AHS	IN	OUT
Jackson, AL	Nova - 1854	3.68 - 12.7	1879	1854	2133	2133	609	to	812	609			X		X	X		X		36,287 kgs.	36,287 kgs.
	Braner - 1828	0.25 - 6.35	1854	1828	1828	1828	508		609	508		609	X	X	X	X		X	X	27,216 kgs.	27,216 kgs.
New Boston, MI	Stamco - 1930	0.38 - 3.55	1930	1930	2438	2438	508		609	508		609	X	X	X	X	EX	EX		27,216 kgs.	27,216 kgs.
	Braner - 1524	0.76 - 3.75	1549	1524	1828	1828	508	558	609	508	558	609	X	X	X	X		X	X	24,948 kgs.	24,948 kgs.
North Vernon, IN	Braner - 1524	0.38 - 3.98	1574	1524	1828	1828	508	to	609	508		609	X	X	X	X		X	X	27,216 kgs.	27,216 kgs.
	Chicago - 1828	0.38 - 3.98	1879	1828	1828	1828	508	to	609	508		609	X	X	X	X		X	X	22,680 kgs.	22,680 kgs.

Rollforming - Customer inquiries are welcomed regarding size requirements other than those shown.

Division	Line	Rings	Diameter-mm		Length mm	Width mm	Gauge Range mm	Steel	
			MIN	MAX				Type	Grades
Jackson, AL	SET	ID	508	762	Circumference + 100	44.5 - 120.7	0.71 - 0.91	CO - 30/30 Min	CQ & EDDS
		OD	787	2006	Circumference + 100	50.8 - 127.0	0.71 - 0.91	CO - 30/30 Min	CQ & EDDS
		Quarters	N/A	N/A	1193 min-1905 max	50.8 - 127.0	0.71 - 0.91	CO - 30/30 Min	CQ & EDDS

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Unit of Measure: Metric