

# LAMINATION SPECIALTIES™

POWERED BY **UPG**

Lamination Specialties is a specialist in fabricating electrical steel laminations. Our products are produced using the strictest manufacturing processes that meet or exceed industry standards. We are committed to understanding and exceeding the quality requirements and expectations of our customers.

## QUALITY CONTROL

Our highly sophisticated quality control system ensures every part we produce meets and exceeds our customer's demanding specifications. Throughout the whole production process, parts are checked and rechecked to attain zero defects. All of our laminations meet or exceed ISO 9001:2015 quality system standards.

## CUTTING EDGE TECHNOLOGY

We have the capability to produce more than 200,000 tons of laminations and stampings annually, utilizing 40 high-speed lamination and stamping presses to meet your specifications.



### SERVICES

Annealing
Cut-to-length
Blanking
Slitting
Progressive Stamping
Robotic Welding
Value Added Assemblies



### PRODUCTS

Cut Cores
Silicon Steels
Cold Rolled Low Carbon Electrical Steels
Electrical Grain-Oriented/Non-Oriented Steels
Miter Cores
Distributed Gap (DG) Cores
Transformers & Lighting Laminations

# CAPABILITIES

Equipment	60" Ruesch/AKV	60" Stamco	60" Voss/CTL	16" Yoder	12" CTL Shunts	MTM Miter Core	Unicore
Machine Configuration	Double Loop	Single Loop	Single Loop	N/A	Single Loop	Make Miter Core	Single Loop
	Slitting Line	Slitting Line	Cut to Length	Slitting Line	Cut to Length	Lamination Logs	Core Producing
<b>Incoming Material</b>							
Unwind	Over	Over	Over	Over	Over	Under	Over
Max Weight (lbs)	40,000	25,000	35,000	5,000	4,000	4,000	4,000
Max OD	60"	55"	55"	53"	42"	50"	42"
ID Range	16" - 24"	16" - 24"	16" - 24"	16" - 20"	16" - 20"	20"	20"
Width (Max & Min)	61"/20"	60"/10"	60"/20"	14"/2"	14"/0.750"	12"/2.25"	17"/2"
Max Thickness	0.070"	0.062"	0.062"	0.055"	0.062"	0.018"	0.020"
Min Thickness	0.014"	0.009"	0.014"	0.009"	0.009"	0.007"	0.009"
<b>Slit/Edge Trim Restrictions</b>							
Trim	Total- .437"	Total- .437"	N/A	Total- .437"	N/A	N/A	N/A
Max Skid Weight (lbs)	10,000	10,000	6,000	10,000	3,000	3,000	1,500

Press Equipment		Oak Press	Aida Press	Other Presses Min.	Other Presses Max.
Capacity (Tons)		300	275	25	300
Bolster/Bed Size	L-R	148"	106"	21"	148"
	F-B	36"	36"	19"	40"
Strokes per Minute		150	40	0	1500



UPG Enterprises LLC is a strategic operator of a portfolio of metals and logistics companies. With 21 locations throughout North America, its operations include Chicago Steel, Contractors Steel, Lamination Specialties, Maksteel, Mapes & Sprowl Steel and National Metalwares. Founded by families with multi-generational experience in metals, real estate and logistics, the company prides itself on having the integrity of a family-owned business with an entrepreneurial spirit.