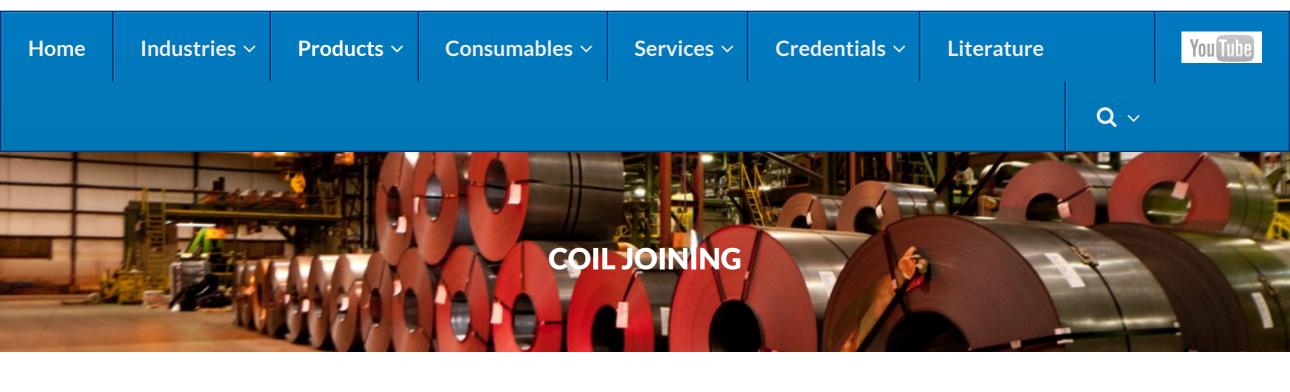


"Our Customer's Success is Our Success"



Need Some Help?

Choose all that

Seam

apply:*

Spot

Flash

Post Weld

Laser

Upgrades Other

Firs

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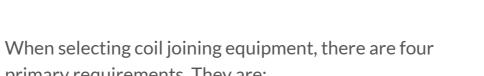
supply of coil joining welders since the beginning of the steel industry. Our welders include the most advanced process control and data gathering systems required by the most sophisticated process lines built throughout the world.

Taylor-Winfield has been a world leader in the

T-W has the solution to your coil joining needs and more. Choose from our complete line of welding machines, many of which are customized for unique customer requirements:

CORE COMPETENCIES

- Flash Butt Welders
- Narrow Lap Resistance Mash Seam Laser-Seam or
- Spot Welding Multi-Gun Spot
- ARC- Continuous Seam or **Butt Welding**
- Others

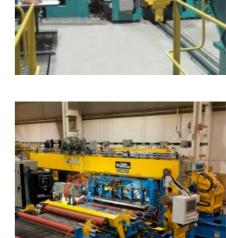


primary requirements. They are: Strip Width Range

- Strip Thickness Range
- Strip Material Type
- Welding Speed

Taylor-Winfield engineers will then determine the required weld strength and joint configuration that best suits your need and processing time. The diagram below shows different machine types, the weld that is produced, materials that can be joined and types of







S	'	•	s they are best suited for.	a types or	
Choose File N	lo file ch	Machine Type	Weld Produced	Material	Line Type
Submit Form		Combination Flash-Butt	Weld description: Weld equals parent metal thickness	LCS, DDQ, HDDQ, AL, AHSS	Coil Build Up Continuous Cold Pickle Slitting Shear
Arc Welding		GTAW Arc- Butt	Weld description:	LCS, DDQ, HDDQ,	Anneal & Pickl Continuous Cold Shot Blast & Slitt
Assembly Systems			Weld near parent metal	AL, AHSS	
Coil Joining			thickness	·	Coating
Seam Welders					Grinding
Flash Welders					Side Trim & Rec
ARC Welders					Slitting Coil Build-Up
Spot Welder					Inspection
Post Weld Induction Annealing	<u> </u>	6141114		1.00	Side Trim & Insped
Machine Upgrades and Accessories		GMAW Arc- Butt	Weld description:	LCS, DDQ, HDDQ,	Anneal & Pickl Continuous Cold Shot Blast & Sliti
Heavy Material Handlin	ng		Weld near parent metal	AL, AHSS	Tension Levelir
① Induction Heating			thickness after inline trimming		Coil Build-Up
Resistance Welding			C. IIIIIII		Grinding Side Trimming
R & D Laboratory					Shear
					Coil Preparation Inspection Slitting Press Feed
		Prep/Lap, C- Flat Seam &	Weld description:	LCS, DDQ,	Coating Galvanizing
		Twinlap	-	HDDQ,	Coil Build-Up
			Welds are less than 10% of parent metal thickness	AL, AHSS	Chrome Platin
					Coil Preparatio
					Decarburizing Side Trim & Inspe
					Tension Levelir
					Continuous Anne

Machine Type	Weld Produced	Material	Line Type
Combination Flash-Butt	Weld description:	LCS, DDQ, HDDQ,	Coil Build Up Continuous Cold Mill Pickle
	Weld equals parent metal thickness	AL, AHSS	Slitting Shear
GTAW Arc- Butt		LCS, DDQ,	Anneal & Pickle Continuous Cold Mill
Butt	Weld description: Weld near parent metal	HDDQ,	Shot Blast & Slitting
	thickness	AL, AHSS	Side Trimming Coating
			Grinding Side Trim & Recoil
			Slitting Coil Build-Up
			Inspection
			Side Trim & Inspection Press Feed
GMAW Arc- Butt		LCS, DDQ,	Anneal & Pickle Continuous Cold Mill
	Weld description: Weld near parent metal	HDDQ, AL, AHSS	Shot Blast & Slitting Tension Leveling
	thickness after inline trimming	,	Coil Build-Up Grinding
			Side Trimming
			Shear Coil Preparation
			Inspection Slitting
Prep/Lap, C-		LCS,	Press Feed Coating
Flat Seam &	Weld description:	DDQ,	Galvanizing
Twinlap	Welds are less than 10%	HDDQ, AL, AHSS	Coil Build-Up Slitting
	of parent metal thickness		Chrome Plating Coil Preparation
			Decarburizing Side Trim & Inspection
			Tension Leveling Cleaning
			Continuous Annealing
			Electrolytic Tinning Side Trim & Recoil
Narrow- Lap		LCS,	Press Feed Chrome Plating
Seam	Weld description:	DDQ, HDDQ,	Coil Build-Up Continuous Annealing
	Less than double the parent metal thickness	AL, AHSS	
			Coil Preparation
			Zinc Coating Side Trim & Inspection
Limited Overlap Seam)A/ald daggintian	LCS, DDQ,	Anneal & Pickle Cleaning
	Weld description: Welds were double the	HDDQ, AL, AHSS	Galvanizing Electrolytic Tinning
	thickness is acceptable		Annealing Coating
			Zinc Coating
			Tension Leveling Chrome Plating
			Continuous Annealing Decarburizing
Wide-Lap		LCS,	Terne Coat Annealing
Seam	Weld description:	DDQ, HDDQ,	Coating Electrolytic Tinning
	Welds were double the thickness is acceptable	AL, AHSS	Chrome Plating
	and weld will not be		Coil Preparation Cleaning
Single Row	recoiled	LCS,	Decarburizing Anneal & Pickle
Spot	Weld description:	DDQ, HDDQ,	Continuous Annealing Electrolytic Tinning
	Welds for heavier gauges		Cleaning
	were double the thickness is acceptable		Galvanizing Grinding
			Coating Zinc Coating
Double Row		LCS,	Side Trimming Anneal & Pickle
Spot	Weld description:	DDQ, HDDQ,	Continuous Annealing Electrolytic Tinning
	Welds for heavier gauges were double the	I .	Cleaning
	thickness is acceptable		Galvanizing Grinding
	and weld will not be recoiled		Coating Zinc Coating
			Side Trimming