



## STEELSCAPE VALUE-ADD PROCESSES

Steelscape values innovation and progress. In every industry, yes—even steel, there are vast opportunities for advancement, growth and overall improvement both in products and processes. However, in most cases, these opportunities do not come easily. It takes time, effort and dedication to find and develop these opportunities into something that is attainable and real. Steelscape, in an effort to lead the steel industry in this innovative quest, devotes resources to doing just that. And the result over the past three years has been a host of new products and processes that Steelscape is now offering to you.

The following pages outline some of the many additional processes that Steelscape has to offer. While not every new development is listed in the section, it should provide you with a brief look at some of the work Steelscape has been doing over the past few years. We highlight our value-add processes such as slitting, embossing, cut-to-length and mill applied coatings.

To learn more about Steelscape’s value-added processes, contact a Steelscape Sales Representative. And, as always, any suggestions for new products or processes are always welcome!

### Cut-to-Length Sheet

Steelscape provides Cut-to-Length Sheet as a Value Add Service. The Cut-to-Length line is also capable of shearing material. The following matrix shows the Cut-to-Length capabilities for our only CTL line, located in Kalama, WA.

	Kalama
Max Entry Coil Weight	60,000 #
Max Shear Strength	50 KSI
Max Yield Strength	65 KSI (90 KSI up to .030" thick)
Thickness (T)	0.010" - 0.050"
Width	12" - 60"
Max Pallet Weight	15,000 #
Min. Cut Length	96"
Max. Cut Length	120" (up to 150" - trial only)
Entry OD / ID	84" / 20" +/- 0.5"
Max Stack Height	24" with skid
Strippable Film**	48" (-0.25"/+0.375")

- \* Maximum thickness is limited for fluorocarbon paint systems due to concern with scratching top surface upon stacking. Inquire with your Steelscape representative for painted product greater than 0.0236" ordered thickness.
- \*\* Standard width is 48", it can be made available in any width up to 60".

### Slitting

Steelscape provides Slitting as a Value Add Service to all customers. The following matrix shows our slitting capabilities by facility. Should you have any questions regarding our slitting capabilities, please contact your Steelscape Sales Representative.

	Kalama	Rancho
Max Entry Coil Weight	55,000 #	20,000 #
Max Delivery Weight	55,000 #	20,000 #*
Thickness (T)	0.010" - 0.050"	0.008" - 0.074"
Width	16" - 52"	12" - 52"
Max number Mults	24	20 if .025"<T<.050" 40 if T<.025"
Maximum # sizes per setup	Depends on knives & size of mults	Depends on knives & size of mults
Minimum Slit Width (W)	1.25"	1.25"
Entry OD / ID	79" max** / 20"	64" max / 20"
Delivery OD / ID	79" max*** / 20"	64" max / 20"
Cores**	W > 6", T < 0.030"	Inquire for minimal widths (W)
Min. Slit Drop	0.375"	0.375"

- \* If vertical, skidded maximum weight is 12,500#.
- \*\* OD max depends on number of mults and crown in the coil.
- \*\*\* Cores are "all or nothing" for the whole arm of mults (i.e. if one mult on the arm is less than 6", then none of the mults on the arm can have cores). Please inquire for cores < 6" out of Kalama or < 10" out of Rancho due to safety issues.

### Embossing

Steelscape provides Embossing as a Value Add Service to all customers. The following matrix shows our embossing capabilities at our Rancho Cucamonga, CA, facility. Should you have any questions regarding our embossing capabilities, please contact your Steelscape Sales Representative.

	Rancho
Pattern	Directional Stucco
Max Entry Coil Wt	40,000 #
Max Output Coil Wt	12,500 #
Thickness	0.0100" - 0.0239** 0.0240" - 0.0329***
Width	24" - 48"
Depth	.007" up to .012" thick
Substrates	TruZinc (HDG), ZINCALUME (Galvalume), CRS, ALUM****
Entry OD / ID	20"
Delivery OD / OD	OD 64" / ID 20"
Cores	Available
Reverse Wrap	Available
Packaging	Vertical Only****

- \* For 24" - 48." widths only.
- \*\* For 24" - 40.99" widths only
- \*\*\* Grade/hardness restrictions may apply to some substrates. Cannot process Grade 80 steel.
- \*\*\*\* Embossed material will collapse if packaged longitudinally.