

CONVEYOR SECTIONS

Section No. S1381 = LC15030,
S816 = CS10032, S817 = CS15032, S880 = CS20032,
S881 = CS25032, S882 = CS30032

Australian Rollforming manufactures an extensive range of standard and custom formed Conveyor Sections that provide significant economic benefits when compared to conventional hot-rolled profiles.

Made from G450 hi-tensile steel with either a Z300 or Z450 galvanised coating, Australian Rollforming Conveyor Sections combine high strength with low mass and are highly corrosion resistant.

This combination of high strength and low mass results in significant economies in initial cost, fabrication, transport, handling and erection.

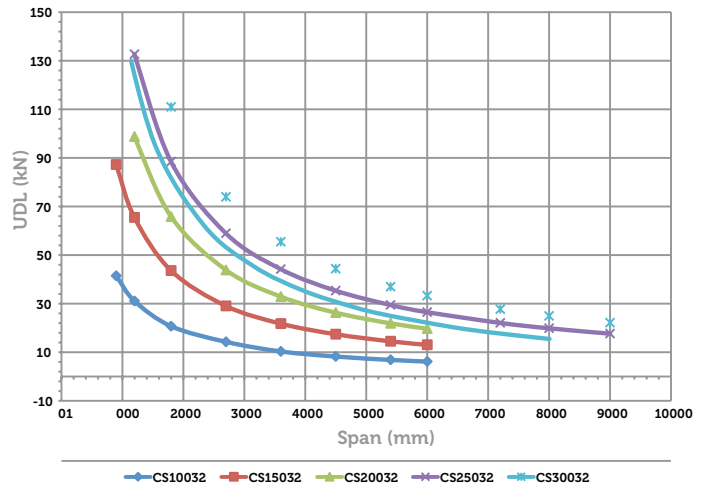
Pre-punched, prefabricated and modular frame assemblies also results in outstanding handling and transport logistics and reduced erection time.

Australian Rollforming Conveyor Sections are precision made to exacting tolerances and consistency of components ensures ease of assembly and provides significant time and cost savings.



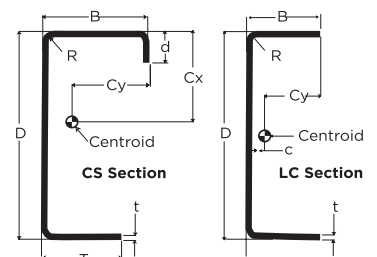
Being highly corrosion resistant also ensures a long life span and can eliminate the need for other costly protective treatments.

UDL vs Span



Dimensions & Properties - Standard Sections

Australian Rollforming's standard range of Conveyor Sections consists of two main types - Plain or "C" sections, and lipped sections. "C" sections are denoted by the prefix "LC" and lipped sections are denoted by the prefix "CS". The "CS" range incorporates a stiffened top flange for rigid mounting of the idlers and a plain bottom flange to minimise retention of moisture and dirt.



Ref.	Dimensions (mm)					Area (mm ²)	Mass (kg/m)	Centroid (mm)		Second Moment of Area (10 ⁶ mm ⁴)		Section Modulus (10 ³ mm ³)		Radius of Gyration (mm)	
	D	B	T	d	t			Cx	Cy	Ix	Iy	Zx	Zy	Rx	Ry
LC15030	150	50	50	n/a	3.0	720	5.2	75.0	11.4	2.300	0.159	30.67	4.12	75.6	19.4
LC20030	200	65	65	n/a	3.0	960	7.4	100.0	17.1	5.489	0.360	54.89	7.52	56.6	14.9
CS10032	100	50	45	24	3.2	643	5.0	45.8	16.3	0.936	0.192	17.26	5.68	38.2	17.3
CS15032	150	75	55	24	3.2	915	7.1	66.2	20.5	3.046	0.546	36.35	10.02	57.8	24.5
CS20032	200	75	55	24	3.2	1074	8.3	89.7	17.7	6.050	0.595	54.86	10.37	75.1	23.6
CS25032	250	75	55	24	3.2	1235	9.6	136.5	59.4	10.432	0.637	76.43	10.72	91.9	22.7
CS30032	300	100	80	24	3.2	1555	12.0	161.1	78.5	19.875	1.453	123.37	18.52	113.1	30.6