



**Assured Length, Thickness  
and Quality as promised.**



**SIMBACHUMA<sup>TM</sup>**  
**PREMIUM STEEL PIPES & SECTIONS**



A member of the



ALAF LIMITED manufactures and sells a diverse product range which include BLACK STEEL PIPES, HOLLOW SECTIONS, Z-PURLINS AND PLATES catering to varied demands of buyers. All the long product produced under the brand name SIMBA CHUMA are made from the best quality HRC coils sourced from NIPPON Steel (Japan) and ARCELOR MITTAL Steel (South Africa). ALAF Limited have the STATE OF ART MANUFACTURING FACILITY with latest technology which includes solid state electric resistance welder and cold cutting saw.

Long Products sold under the SIMBA CHUMA brand are:-

1. BLACK PIPES
2. RECTANGULAR & SQUARE HOLLOW SECTION
3. ROUND TUBE
4. Z-PURLINS
5. PLATES

### **BLACK PIPES**

The black pipes are used for structural fabrication applications such as roof trusses, auto body building, scaffolding, and various other engineering applications.



Light	Medium	Heavy
NB (Inches) x W all Thickness (mm)	NB (Inches) x W all Thickness (mm)	NB (Inches) x W all Thickness (mm)
1/2" x 2.00mm	1/2" x 2.65mm	1/2" x 3.25mm
3/4" x 2.36mm	3/4" x 2.65mm	3/4" x 3.25mm
1" x 2.55mm	1" x 3.25mm	1" x 4.05mm
1 1/4" x 2.65mm	1 1/4" x 3.25mm	1 1/4" x 4.05mm
1 1/2" x 2.90mm	1 1/2" x 3.25mm	1 1/2" x 4.05mm
2" x 2.90mm	2" x 3.65mm	
2 1/2" x 3.25mm	2" 1/2" x 3.65mm	
3" x 3.25mm	3" x 4.05mm	

### **RECTANGULAR & SQUARE HOLLOW SECTION**

The hollow sections from ALAF Limited are used for light trusses, furniture fabrication, and various other light engineering applications



Light - 1.0 mm thick	Light - 1.2 mm thick	Medium - 1.5 mm thick	Heavy - 2 mm thick
Size OD (mm)	Size OD (mm)	Size OD (mm)	Size OD (mm)
12x12	12x12	12x12	20x20
16x16	16x16	16x16	25x25
20x20	20x20	20x20	30x30
25x25	25x25	25x25	32x32
30x30	30x30	30x30	40x20
32x32	32x32	32x32	40x26
40x20	40x20	40x20	40x40
40x26	40x26	40x26	50x25
40x40	40x40	40x40	50x50
			60x40
			Heavy - 3 mm thick
			Size OD (mm)
			60x40

## Z-PURLIN

Z-Purlin roll former is the first of its kind fully automated facility in Tanzania with which the Z-Purlins can be manufactured in customized lengths, thickness and size as per customer's specific requirement. Customization reduces cutting and welding time/cost, labour costs, additional inventory cost, space and wastage. It can be manufactured in sizes as per chart given below:-

The salient features of Z-purlins produced from this machine are as follows:-

1. Size range from 3 inch up to 13 inch
2. Length range from 2 meters up to 11 meters
3. Thickness range from 1.5mm to 3mm
4. Hole punching facility for fastening the Z-purlin over the roof structure, avoiding welding
5. Free from burrs leading to clear finish
6. Customisation reduces cutting and welding time, labour cost, additional inventory carrying cost, storage space and theft



Light-1.5 mm thick	Medium-2 mm thick	Large-3 mm thick
Size Designation (Inch)	Size Designation (Inch)	Size Designation (Inch)
3"	3"	4"
4"	4"	5"
5"	5"	6"
6"	6"	7"
7"	7"	8"
8"	8"	10"

## ROUND TUBE

Round tubes from ALAF Limited is used for fabricating silencer pipes, furniture fabrication and various light engineering applications. We manufacture round tubes of thickness between 1mm and 2mm.



Light - 1.0 mm thick	Light - 1.2 mm thick	Medium - 1.5 mm thick	Heavy - 2 mm thick
Size OD (mm)	Size OD (mm)	Size OD (mm)	Size OD (mm)
12.70	12.70	12.70	32.90
16.00	16.00	16.00	42.25
20.00	20.00	20.00	48.25
22.00	22.00	22.00	60.80
25.00	25.00	25.00	60.00
	32.00	32.00	78.00
	38.00	38.00	80.00
	42.25	42.25	
	48.25	48.25	
	60.80	60.80	
	60.00	60.00	
	78.00	78.00	
	69.00	69.00	

## STEEL PLATES

Produced from Coils imported from Japan, one can be absolutely sure of the straightness and the thickness consistency. ALAF Limited produce plates from 1.00mm thickness to 8mm thickness in standard sizes of 1220mm x 2440mm( 8 feet X 4 feet). ALAF can also provide plates in customized lengths.



Length X Width X Thickness	Length X Width X Thickness
feet x feet x mm	feet x feet x mm
8'x4'x1.0	8'x4'x3.5
8'x4'x1.2	8'x4'x4.0
8'x4'x1.5	8'x4'x4.5
8'x4'x2.0	8'x4'x6.0
8'x4'x2.5	8'x4'x8.0
8'x4'x3.0	