



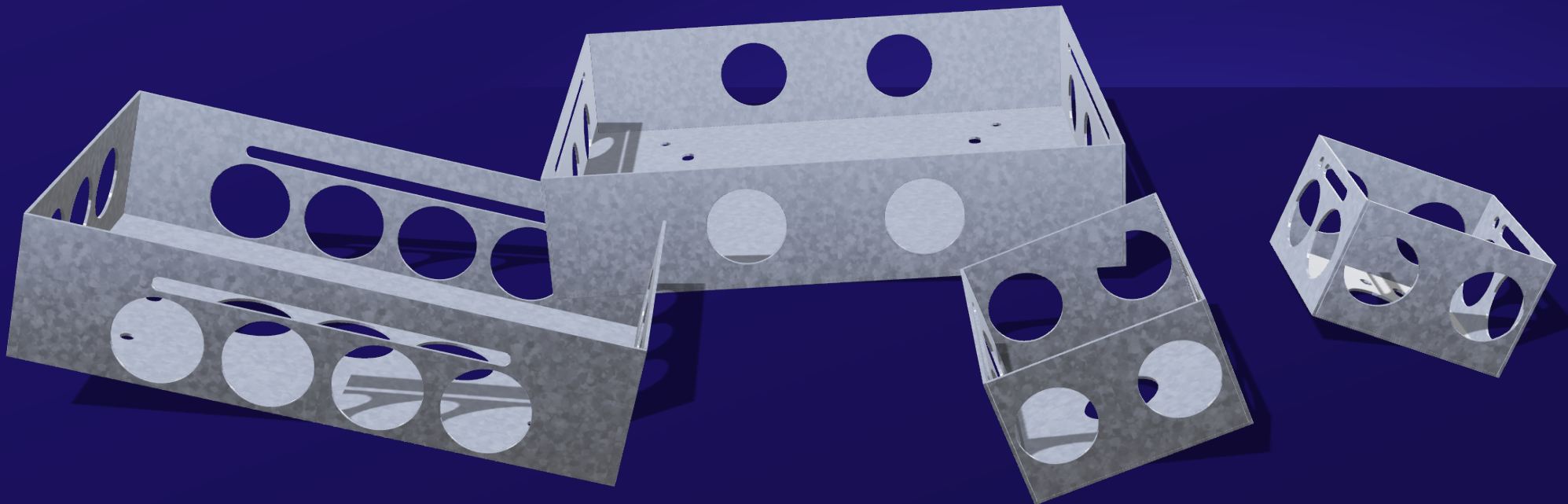
Essar Industries
Engineers & Manufacturers

PRODUCT BROCHURE · 2026

GI Junction Boxes

Modular range · 2M to 18M

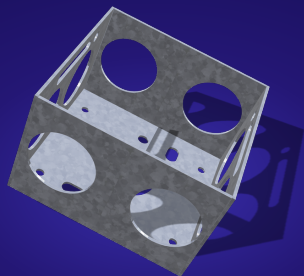
Eight sizes of galvanised-steel box, CNC-punched and press-brake folded in one piece, with end plates pre-punched for your cable layout. Made in Chennai by Essar Industries, sheet-metal specialists since 1986.



Engineering Excellence

Eight sizes. One family.

01

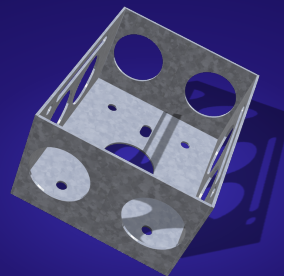


2M

75 × 75 × 47 mm

9 cable entries · Ø27 mm
about 134 g of steel at 1.0 mm

02

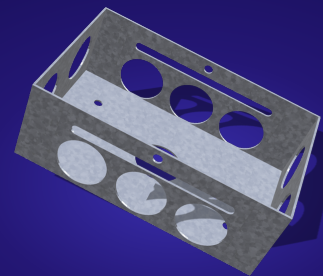


3M

75 × 100 × 47 mm

9 cable entries · Ø27 mm
about 165 g of steel at 1.0 mm

03

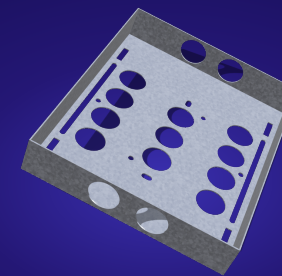


4M

87 × 135 × 47 mm

11 cable entries · Ø27 mm
about 213 g of steel at 1.0 mm

04

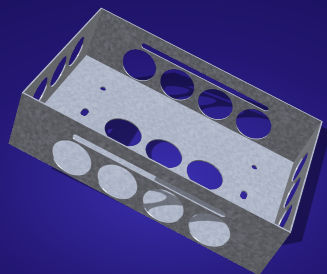


6M / 8M

182 × 230 × 34 mm

15 cable entries · Ø27 mm
about 451 g of steel at 1.0 mm

05

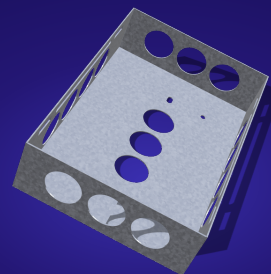


12M

137 × 207 × 52 mm

17 cable entries · Ø27 / Ø31 mm
about 424 g of steel at 1.0 mm

06

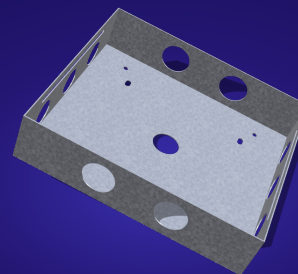


16M

150 × 230 × 51 mm

17 cable entries · Ø31 mm
about 487 g of steel at 1.0 mm

07



18M

224 × 207 × 50 mm

11 cable entries · Ø27 / Ø31 mm
about 674 g of steel at 1.0 mm



Your size, your drawing

Need a different footprint, depth or hole layout? Send a drawing or a sample and we punch and fold to it.

Same machines, same finish · quote on request

From flat sheet to finished box

End plates

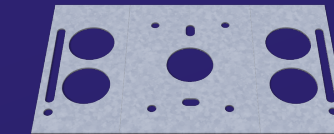
pre-punched for your entries

Cable entries

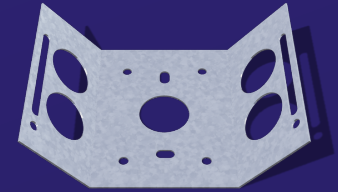
round Ø27 / Ø31 mm

Fixing slots

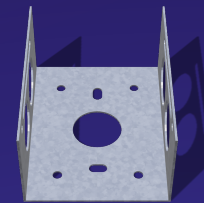
and mounting holes



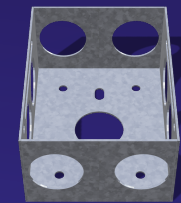
1 Flat blank, punched on the CNC turret



2 Folded on the CNC press brake



3 One-piece folded body



4 End plates complete the box

1 Punched, not drilled

Entries, slots and fixing holes are CNC-punched, so the layout repeats exactly on every box.

2 Folded in one piece

The body is a single sheet-metal blank, bent on CNC press brakes.

3 Made to your layout

Send a drawing: we punch entries, slots and fixing holes where you need them.

Real capacity behind the range

1986

Making sheet-metal fabrications and press components in Chennai.

2 units

Kovur 8,000 sq ft and Amarambedu 27,500 sq ft of shop floor.

28 power presses

From 10 ton upwards, plus 7 NC shearing machines.

6 CNC press brakes

Bending up to 6 mm × 4 m.

2 CNC turret punches

Punching sheet up to 6 mm, plus a 2.5 kW laser cutter.

7-tank coating

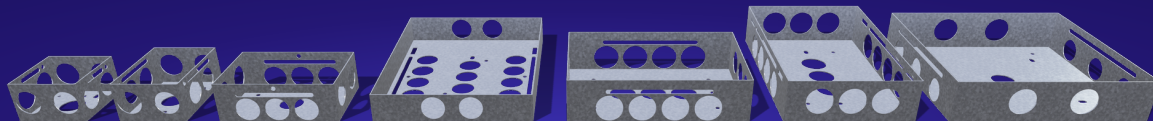
Powder-coating line with booth and oven; robotic welding cell.

OUR CUSTOMERS INCLUDE

**Hyundai / Mitsubishi Motors / Toshiba / KONE / thyssenkrupp /
Supriya (Otis India) / Gamesa**

Lift, automotive and wind-energy manufacturers buy precision sheet-metal parts from Essar. The same machines and the same discipline now make the junction box range.

THE FULL RANGE AT TRUE RELATIVE SCALE



Order options

MATERIAL

Galvanised (GI) sheet steel, 0.8 / 1.0 / 1.2 mm

FINISH

Plain galvanised, or powder-coated on request

SIZES

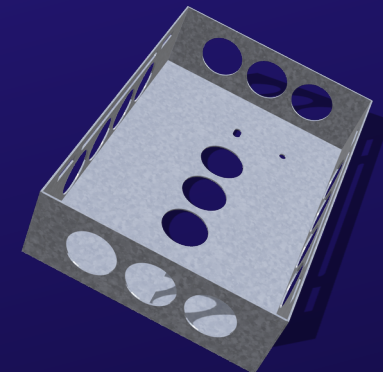
2M to 18M, or custom to your drawing

ENTRIES

Standard layout, or punched to your drawing

SAMPLES

Sample boxes and drawings on request



Let's talk.

Tell us the sizes, quantities and destination and we will prepare a quotation and drawings. Samples and custom layouts are welcome.

COMPANY **Essar Industries**
2/424, Kundrathur Road, Kovur,
Chennai - 600 128, Tamil Nadu, India

MOBILE +91 98848 11555

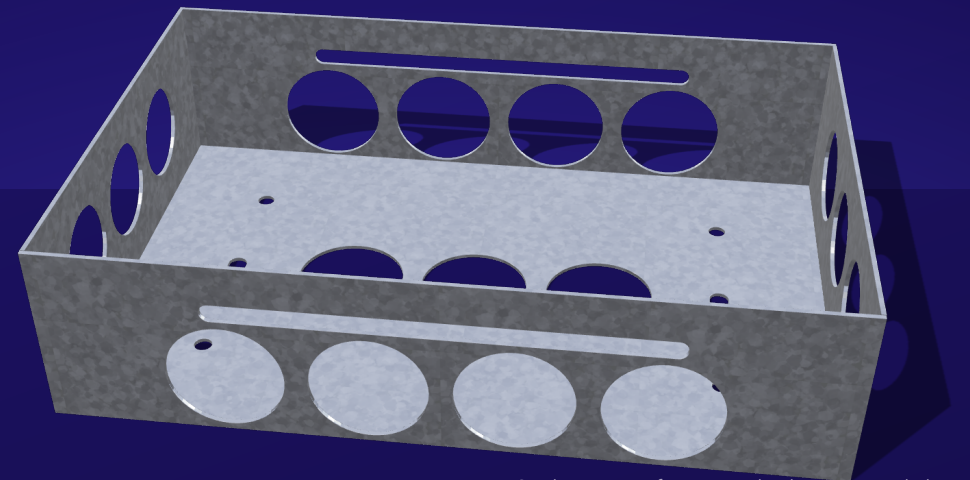
EMAIL admin@essar.com



Essar Industries
Engineers & Manufacturers

TO QUOTE QUICKLY, SEND US

- 1 Sizes and quantities
- 2 Gauge and finish (plain GI or powder-coated)
- 3 Destination port or city
- 4 Your drawing, if the layout is special



12M box, open face: punched entries and slots

Pictures are 3D illustrations of the range. Sizes are nominal and are confirmed on the order drawing; weights are for steel at 1.0 mm and are approximate. © Essar Industries, Chennai.