



PRODUCT CATALOGUE
2026 EDITION



ROVANA TRADE · QALYUB, EGYPT

CABLE MANAGEMENT SYSTEMS

Cable trays · Cable ladders · Fittings & supports



أنظمة حوامل الكابلات — من مصنعنا في قليوب لموقعك

HOT-DIP GALVANIZED TO BS EN ISO 1461 ISO 9001:2015 www.rovanatrade.com

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01

FROM STEEL COIL TO YOUR SITE

من الصاج للموقع جوه مصنع واحد

Rovana Trade manufactures cable trays, cable ladders, wire mesh, trunking and every fitting and support a cable route needs, in our own factory in the Qalyub Industrial Zone. Every stage happens under one roof, so we control dimensions, coating and delivery dates, and we make to your drawings, not to a stock list.

2019 Factory founded	250+ Projects supplied	1200+ Clients	ISO 9001:2015 certified
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HOW WE MAKE IT

1 • Cutting

Sheet cut to size from coil or plate.

2 • Punching

Base and side perforation on our punching lines.

3 • Forming

Sides and flanges bent on press brakes.

4 • Galvanizing

Dipped in molten zinc to BS EN ISO 1461.

5 • Inspection

Dimensions and zinc thickness checked on every batch.

6 • Delivery

Packed and shipped to site in any governorate, or for export.

02 INSIDE THE FACTORY

جوه المصنع في المنطقة الصناعية بقلوب

Because cutting, punching, forming and galvanizing all happen in our own plant, a special size is not a special problem. We work from your shop drawings and make each tray, fitting and support to match.



Ladder fittings formed in-house



Slotted strut channel



Punched base and sides

To your drawings

Any width, height, thickness and profile, not a fixed stock list.

One finish throughout

Trays, fittings and supports made and coated as one system.

Dates we control

No waiting on outside workshops between stages.

03

FOUR FINISHES, ONE
FACTORY

اختار التشطيب حسب مكان التركيب

Every product in this catalogue is available in the finish your site needs. Fittings and supports are always made in the same finish as the tray, so joints do not become the first place to rust.

HDG • HOT-DIP GALVANIZED

Outdoor, humid & industrial

Fabricated first, then fully dipped in molten zinc at about 450 °C to BS EN ISO 1461. Cut edges and holes are covered. Mean coating $\geq 55 \mu\text{m}$ on 1.5–3 mm steel, $\geq 45 \mu\text{m}$ below 1.5 mm.

Factories, power, water & wastewater, oil & gas, coastal sites

PG • PRE-GALVANIZED

Indoor & dry

Made from mill-galvanized sheet (Z275, about 20 μm per side). Smooth, bright and uniform, at a lower cost than hot-dip.

Offices, malls, hospitals, data rooms, above false ceilings

PC • POWDER COATED

Any RAL colour

Electrostatic powder coating for exposed routes where appearance matters, or to colour-code services.

Visible routes in malls, offices and plants

SS • STAINLESS 304 / 316

Aggressive environments

Where galvanized steel will not last: grade 304 for general use, 316 for chlorides and chemicals.

Food, pharma, desalination, chemicals, seafront

04 HOT-DIP OR PRE-GALVANIZED?

جلفنة على الساخن ولا صاج مجلفن؟

Both are zinc-coated to protect the steel from rust. The difference is when the zinc goes on, and that decides service life, price and where each can be installed.

	Pre-galvanized	Hot-dip galvanized
Galvanized	Before fabrication	After fabrication
Zinc thickness	Thin, $\approx 20 \mu\text{m}$ per side	Heavy, 45–55 μm or more
Edges & holes	Left bare	Fully covered
Look	Smooth, bright, uniform	Matt grey, natural shade variation
Location	Indoor, dry	Outdoor, humid, industrial
Service life	Shorter	Much longer
Price	Lower	Higher: black steel + galvanizing per kg

Air-conditioned or dry building?

Pre-galvanized is enough and saves money.

Outdoors, humid, chemical or coastal?

Hot-dip galvanized, or stainless 316 where it is very aggressive.

Consultant on the project?

Most industrial specs call for hot-dip to BS EN ISO 1461 with a thickness certificate.

05 MEASURED, NOT ASSUMED

مراقبة الجودة



ISO 9001:2015

Certified quality management system across the factory.

Zinc on every batch

Coating thickness measured with a gauge on each hot-dip batch.

Certificate supplied

A galvanizing certificate with every hot-dip delivery.

BS EN ISO 1461 • MINIMUM MEAN COATING

Steel thickness	Mean zinc
Below 1.5 mm	$\geq 45 \mu\text{m}$
1.5 to 3 mm	$\geq 55 \mu\text{m}$

For comparison, common pre-galvanized Z275 sheet carries about 20 μm per side.

WHAT TO ASK ANY SUPPLIER

- 1 The galvanizing certificate
- 2 A coating-thickness gauge reading
- 3 The steel thickness, confirmed in the offer

SECTION A

A

CABLE TRAYS

الكابل تري

Perforated HDG & pre-galvanized

Side profiles & covers

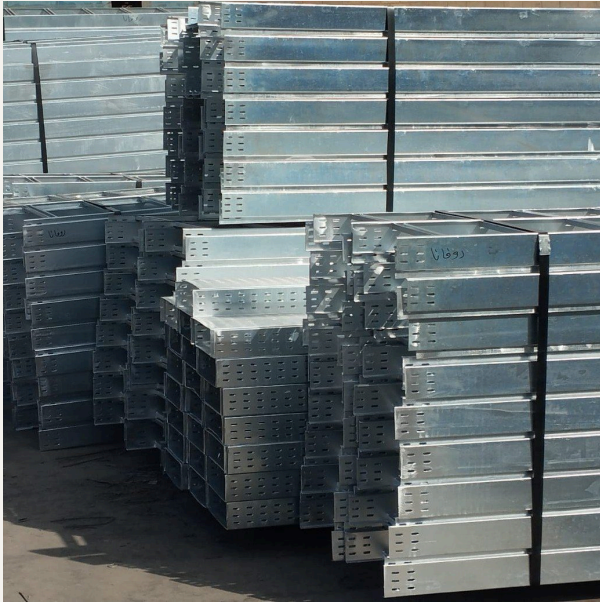
Weight chart

Powder coated

Stainless 304 / 316

06 PERFORATED CABLE TRAYS

كابل تري مثقب



RT-CT-HDG

Hot-dip galvanized cable tray

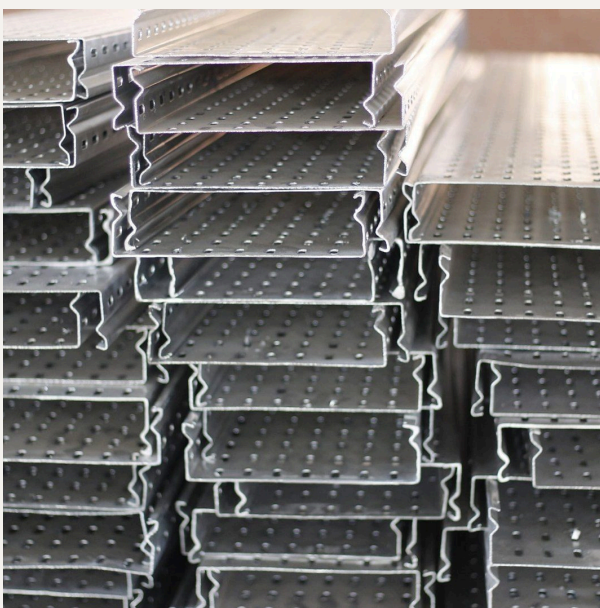
كابل تري مجلفن على الساخن

Our most specified tray. Perforated sheet is punched and formed first, then hot-dip galvanized to BS EN ISO 1461, so every edge and hole is protected. For exposed, industrial and humid routes.

Sizes Any width, side height and thickness, to your drawings

Standard BS EN ISO 1461 galvanizing, certificate supplied

With it Matching covers, fittings and supports



RT-CT-PG

Pre-galvanized cable tray

كابل تري صاج مجلفن

Made from mill-galvanized sheet for indoor, dry routes: offices, malls, hospitals and data rooms. A clean finish at a lower cost.

Widths 50 to 1000 mm

Thickness 1 to 2 mm

Profiles U-shape • Returned flange • Snap-on

07 PICK THE SIDE PROFILE

U Shape • Returned Flange • Snap On

Width, height and thickness are not the whole order. The side profile changes the tray's strength, how the cover fits, and the price.



PROFILE U

U-shape

Side rises straight at 90°, no return. The simplest and lowest-cost profile, easy to cut and fit on site.

Best for: small and medium sizes, indoor routes



PROFILE RF

Returned flange

Top of each side bent inwards about 10 mm. Stiffens the side and protects cable insulation from the edge during pulling.

Best for: large sizes, long spans, consultant-supervised projects



PROFILE SO

Snap-on

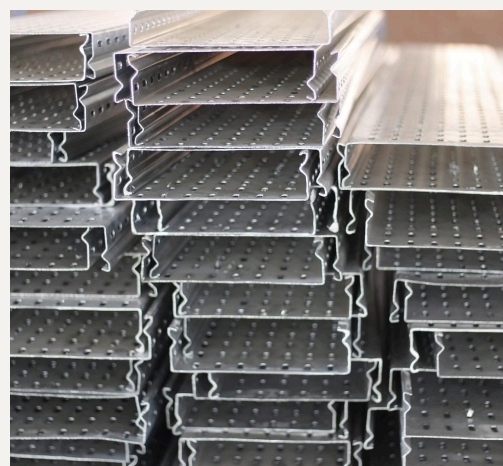
A special bend of about 15 mm on each side, so the cover snaps on and off with no screws.

Best for: fully covered routes with frequent maintenance

MATCHING COVERS

Tray profile	Cover side
U-shape	≈15 mm, screws or clips
Returned flange	≈15 mm
Snap-on	≈25 mm, snaps onto the tray

The extra bend adds a little steel per metre, so returned-flange and snap-on trays weigh and cost slightly more than U-shape of the same size.



HOW TO SPECIFY

Width × height × thickness + profile + finish

e.g. 300 × 100 mm • 1.5 mm • returned flange • hot-dip galvanized

08 WEIGHT PER METRE

جدول أوزان الكابل تري

FORMULA

$$\text{kg/m} = (\text{width} + 2 \times \text{side height}) \times \text{thickness} \times 7.85 \div 1000$$

All dimensions in mm. 7.85 = density of steel (g/cm³).

APPROXIMATE WEIGHT, KG PER LINEAR METRE

Size W × H (mm)	1 mm	1.25 mm	1.5 mm	2 mm
50 × 50	1.18	1.47	1.77	2.35
100 × 50	1.57	1.96	2.35	3.14
200 × 50	2.35	2.94	3.53	4.71
300 × 50	3.14	3.92	4.71	6.28
200 × 100	3.14	3.92	4.71	6.28
300 × 100	3.92	4.91	5.89	7.85
400 × 100	4.71	5.89	7.07	9.42
500 × 100	5.50	6.87	8.24	10.99
600 × 100	6.28	7.85	9.42	12.56
800 × 100	7.85	9.81	11.78	15.70
1000 × 100	9.42	11.78	14.13	18.84

Approximate: perforations reduce the real weight slightly and hot-dip galvanizing adds a little. Covers: $(\text{width} + 2 \times \text{cover side}) \times \text{thickness} \times 7.85 \div 1000$.

WORKED EXAMPLE

300 × 100 mm tray, 1.5 mm:

$$(300 + 2 \times 100) \times 1.5 \times 7.85 \div 1000 = \mathbf{5.89 \text{ kg/m}}$$

100 m ≈ 589 kg before fittings

TYPICAL THICKNESS

Up to 200 mm wide: 1–1.25 mm

300–400 mm: 1.5 mm

500 mm+, long spans, heavy cables: 2 mm

Final thickness follows load, span and spec.

09 POWDER COATED TRAY

كابل تري دهان إلكتروستاتيك



RT-CT-PC

Electrostatic powder coating in the colour your project needs. Use it on exposed routes where the tray is part of the interior, or to colour-code services so each system is easy to trace.

The same coating is available on trunking, covers and every fitting, so the whole route matches.

Colours	Any RAL
Base steel	Black steel, coated after fabrication
Profiles	U-shape · Returned flange · Snap-on
Sizes	Made to order, special sizes welcome
Typical use	Malls, offices, visible plant routes

10 STAINLESS STEEL TRAY

کابل تري ستانلس سٽيل 304 / 316



RT-CT-SS

For the places galvanized steel will not survive: food and pharmaceutical plants, desalination, chemicals and the seafloor. Grade 304 for general use, 316 where chlorides and chemicals are present.

Made locally to any size, as perforated tray or wire basket. Recent supply: a 316 wire basket tray for El Fateh.

Grades	304 · 316
Forms	Perforated tray, returned flange, wire basket
Fittings	Made in the same grade
For	Food, pharma, desalination, chemicals, coast

B

LADDER, MESH & TRUNKING

كابل ليدر، شبك سلكي، ترنك ومواسير

Cable ladder

Tray or ladder?

Wire mesh basket

Steel trunking

EMT conduit

11

CABLE LADDER

كابل ليدر (سلالم الكابلات)

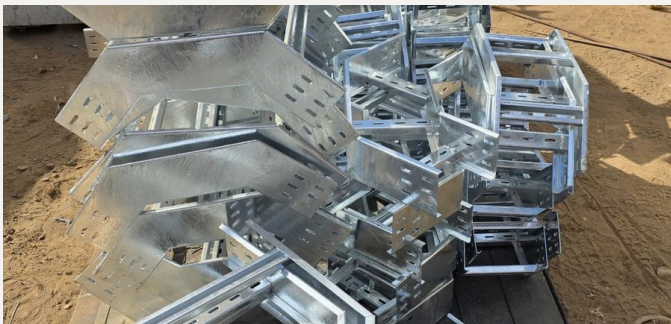


RT - CL - HDG

Two heavy side rails joined by rungs at fixed spacing. Large power cables are tied to the rungs, so the ladder carries more load over longer spans between supports, with the open design giving excellent ventilation.

The choice for large plants, substations, oil & gas and long outdoor routes. Hot-dip galvanized as standard.

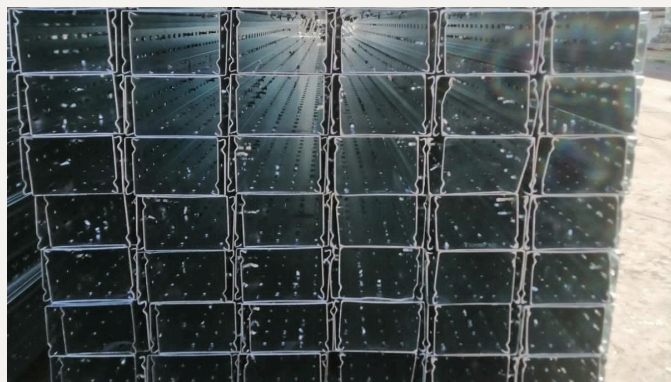
Cables	Heavy power
Load	High
Spans	Longer between supports
Finishes	HDG standard; pre-galv, powder, stainless
Cover	Possible, less common



Matching ladder bends, tees, risers and reducers are made in the same factory and finish.

12 TRAY OR LADDER?

کابل تري ولا کابل ليدر؟



Perforated tray

A continuous perforated base with two sides. Supports small cables along their whole length and takes a full cover. Normal support spacing, typically 1.5–2 m.



Cable ladder

Two heavy side rails joined by rungs. Large power cables are tied to the rungs. Higher load, longer spans between supports and open for ventilation.

	Perforated tray	Cable ladder
Cables	Light / medium power, control, data	Heavy power
Load	Medium	High
Support span	Shorter	Longer
Ventilation	Good	Excellent
Cover	Easy	Possible, less common
Price / metre	Lower in small sizes	Higher, but saves on supports

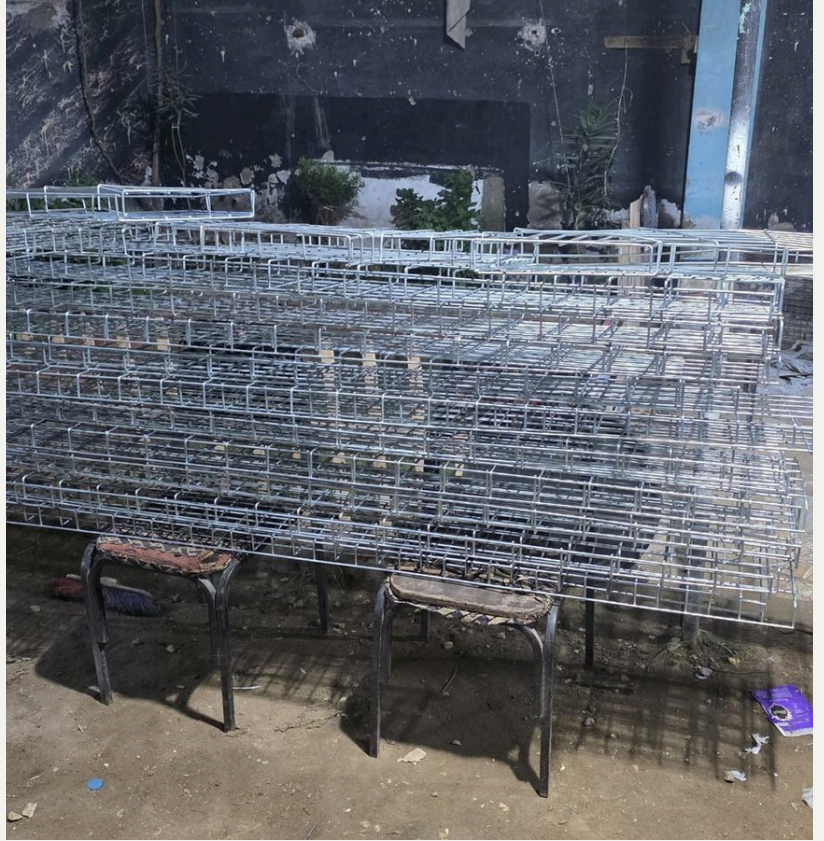
OUR USUAL RECOMMENDATION

Ladder for the main run of heavy cables, perforated tray for the branches to panels and equipment.

It saves cost without compromising safety. Both are available in every finish; outdoors and in humid plants, we recommend hot-dip galvanizing.

13 WIRE MESH TRAY

حوامل كابلات شبك سلكي (واير ميش)



RT - WM

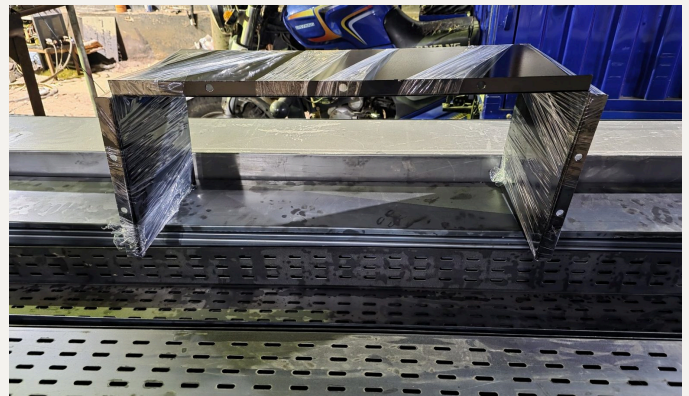
Light, open baskets of welded wire for data, low-current and control cables. Cables stay visible and cool, and installers can cut and bend the basket on site to make turns and drops.

Galvanized for general use, or stainless 316 for food plants and wet areas.

Cables	Data, low current, control
Weight	Light, quick to install
On site	Easy to cut and shape
Finishes	Galvanized · Stainless 316

14 STEEL CABLE TRUNKING

مجاري الكابلات (كابل ترنك)



RT - TR

A closed steel duct with a removable cover. It keeps cables safe from dust, damage and tampering, and gives a neat finish on walls and ceilings where cables would otherwise be exposed.

Galvanized, or powder coated to match the interior.

Body	Closed steel duct
Cover	Removable, full length
Finishes	Galvanized · Powder coated (RAL)
Protects	Against dust, damage, tampering

15 EMT CONDUIT & FITTINGS

مواسير EMT وإكسسواراتها



RT - EMT

Galvanized steel conduit for exposed runs in commercial and industrial buildings, supplied with everything needed to install it, so conduit and cable tray can come in one order.

SUPPLIED WITH

Couplings	جلب
Connectors	وصلات
Straps & clamps	قفيز



FITTINGS & SUPPORTS

الإكسسوارات والحوامل

Bends, tees, crosses, reducers

Supports & hangers

Strut channel

Counting a BOQ

Reading a quotation

16 FITTINGS

إكسسوارات الكابل تري

A real cable route turns, branches, rises, drops and changes size. Each of those points needs a fitting in the same size, thickness and finish as the tray. We make them all.



CHANGE DIRECTION

Horizontal bend · كوع أفقي

Turns left or right on the same level, 90° or 45°.

Inside riser · كوع رأسي داخلي

Takes the route up, e.g. floor to wall.

Outside riser · كوع رأسي خارجي

Takes the route down, e.g. ceiling to panel.

JOIN & FINISH

Splice plate · وصلة

Joins two lengths; supplied with galvanized bolts and nuts.

End cap · نهاية

Closes the end of a run.

BRANCH & CHANGE SIZE

Tee · تيه

Takes one branch off the main run.

Cross · صليبة

Two opposite branches from one point.

Reducer · مسلوب

Steps down a width, e.g. 400 to 200 mm; straight, left or right.

Cover · غطا

Protects from dust, water and falling objects; one for every bend and tee.

Earth bonding strap · وصلة أرضي

Keeps earth continuity between lengths.

17 SUPPORTS & HANGERS

كوابيل وقواعد وشماعات الكابل تري



Everything needed to fix tray and ladder to walls, ceilings, floors and steelwork, galvanized like the tray it carries.

Cantilever arm · كابولي حيطة

Carries the tray off a wall or column.

Threaded-rod hanger · شماعة بسخ مقلوط

Suspends the tray from the ceiling.

Strut channel trapeze · ترابيزة يونيستر

Builds supports to any length; see page 23.

Floor stand · قاعدة أرضية

Carries the tray from the floor.

Beam clamp · قفيز كمرة

Fixes to steel beams with no welding or drilling.

Anchors & bolts · مسامير تثبيت

Galvanized fixings for concrete and steel.

SPACING Typically one support every 1.5–2 m, plus one near each bend and tee. Ladder allows longer spans.

18 STRUT CHANNEL

(Strut Channel) مقاطع يونيسترت



RT-ST

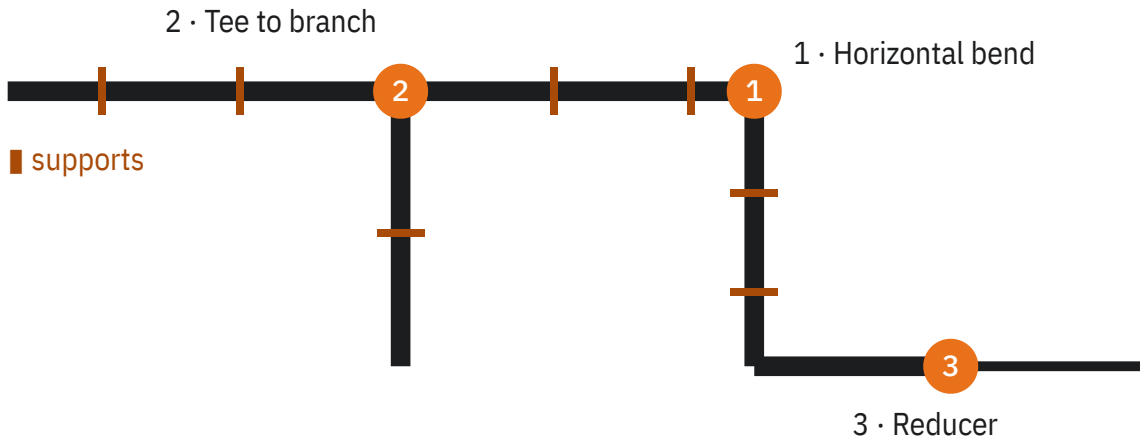
Galvanized steel C-profile with fixing slots along its length. Cut it to size on site and bolt it into supports, trapeze hangers and mounting frames for cable tray, pipes and equipment.

Supplied with the tray order so supports and route arrive together.

Profile	C-channel with slots
Finish	Galvanized
Builds	Supports, trapezes, frames
Carries	Cable tray, pipes, equipment

19 COUNTING A BOQ

إزاي تحسب الإكسسوارات في جدول الكميات



- 1** **Walk the route on the drawings.** Count every turn, branch and size change: each one is a fitting.
- 2** **Splice plates:** one per side at every joint between lengths, each with its bolts and nuts.
- 3** **Supports:** typically one every 1.5–2 m, plus one near each bend and tee.
- 4** **Same finish:** order fittings in the same finish as the tray to avoid rust at the joints.

OR LET US Send the drawings and we prepare the full bill of quantities, fittings and supports included.

20 HOW A PRICE IS BUILT

سعر متر الكابل تري بيتحسب إزاي؟

The price of a metre depends on size, thickness, finish and the steel price on the day. This is the build-up a serious manufacturer uses, so you can compare offers fairly.

1 • STEEL	2 • FINISH	3 • LABOUR	4 • EXTRAS
Weight per metre from the formula on page 11.	Pre-galv sheet, or black steel + galvanizing or coating per kg.	Cutting, punching and bending, plus margin.	Fittings, covers, supports, bolts and transport.

APPROXIMATE WEIGHT OF COMMON SIZES

Size W × H	Thickness	kg / m
100 × 50 mm	1.5 mm	2.35
200 × 50 mm	1.5 mm	3.53
300 × 100 mm	1.5 mm	5.89
400 × 100 mm	2 mm	9.42
600 × 100 mm	2 mm	12.56

COMPARING TWO QUOTATIONS

Same thickness? Half a millimetre can change the weight by 30% or more.

Splice plates included? Ask whether plates and bolts are in the price.

Same galvanizing? Pre-galvanized is naturally cheaper than hot-dip.

Certificate? Ask for it if a consultant will inspect.

D

LIGHTING POLES

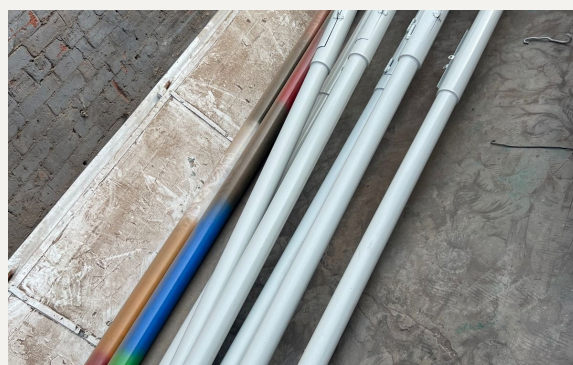
أعمدة الإنارة

Heights 3–9 m Tapered & stepped Single, double & Y-arm
Decorative & garden Standard models Anchor bolts
Galvanized or powder coated

21 LIGHTING POLES

أعمدة الإنارة

Street and site lighting poles, made to your drawings in the same Qalyub factory as our cable trays and finished on the same galvanizing and coating lines.



Height	3 to 9 m
Shaft	Tapered or stepped, any diameter
Section	Round, hexagonal or octagonal
Arms	Single, double or Y-arm
Finish	Hot-dip galvanized or electrostatic powder coat
Base	Base plate with stiffeners, inspection door
Also	Anchor bolts to match the base plate



Welded in black steel, then galvanized or coated.

HOW TO SPECIFY

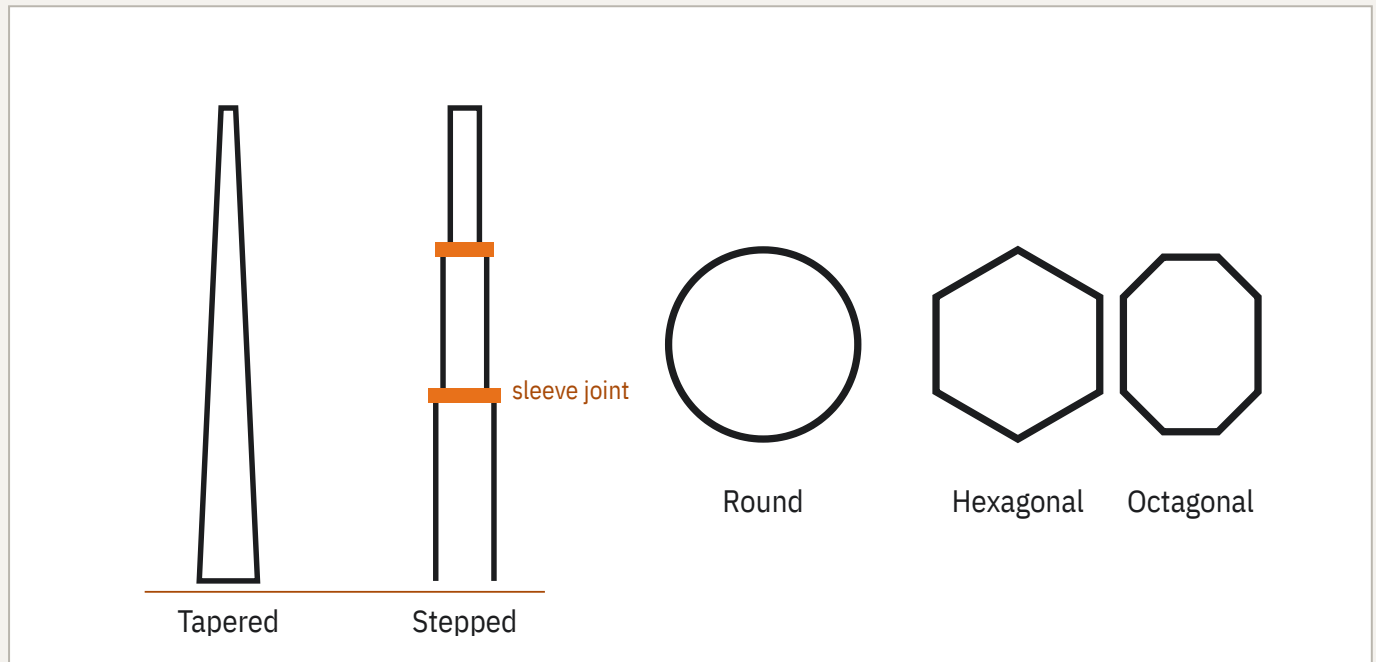
Height + shaft + section + arms + finish

e.g. 6 m • stepped • round • Y-arm • hot-dip galvanized

22 SHAFT & SECTION

شكل العمود والقطاع

Two decisions shape the pole: how the shaft narrows from base to top, and the shape of its cross-section. Both are made to the height and diameters on your drawing.



SHAFT

Tapered

The shaft narrows evenly from the base to the top, for a clean, continuous line.

Best for: streets, main roads and landscaped areas

SHAFT

Stepped

Sections of decreasing diameter joined by welded sleeves. Quick to make in any height and economical.

Best for: factories, compounds, parking and site roads

SECTION

Round

The classic pole shape, in all diameters.

SECTION

Hexagonal

Six flat faces for a sharper, architectural look.

SECTION

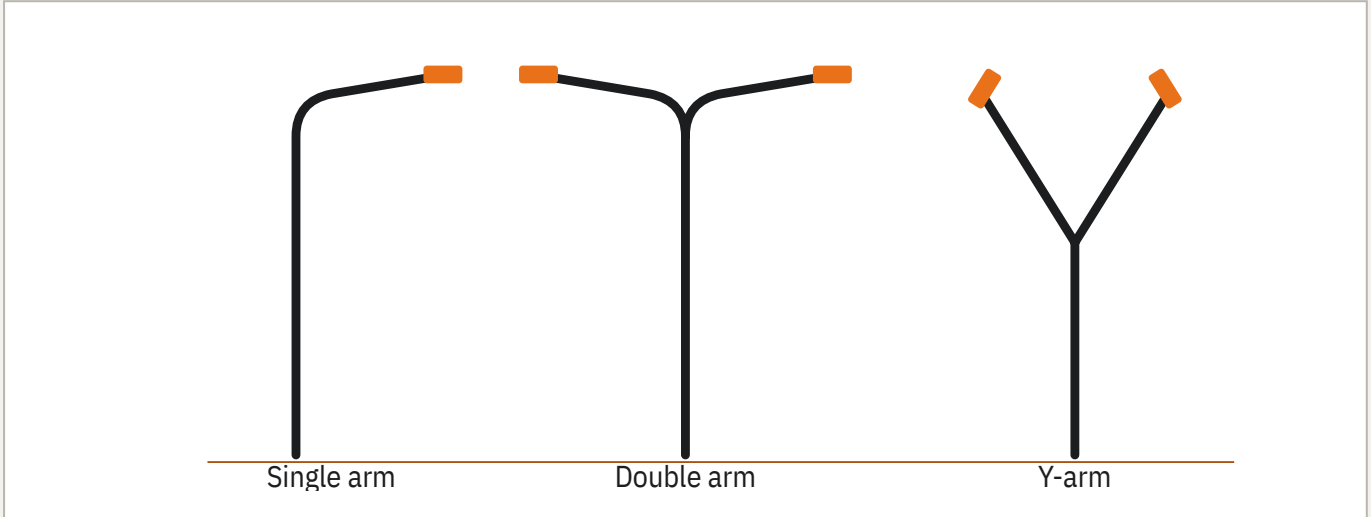
Octagonal

Eight faces, a common choice for street lighting poles.

HEIGHTS From 3 to 9 m. Height, arm reach and spacing follow your lighting design.

23 ARMS, BASE & ANCHOR BOLTS

الذراع والقاعدة والجوايت



ARMS

Single arm

One lantern reaching over the road or path.

Best for: road edges, parking, factory yards

ARMS

Double arm

Two arms on opposite sides of one pole.

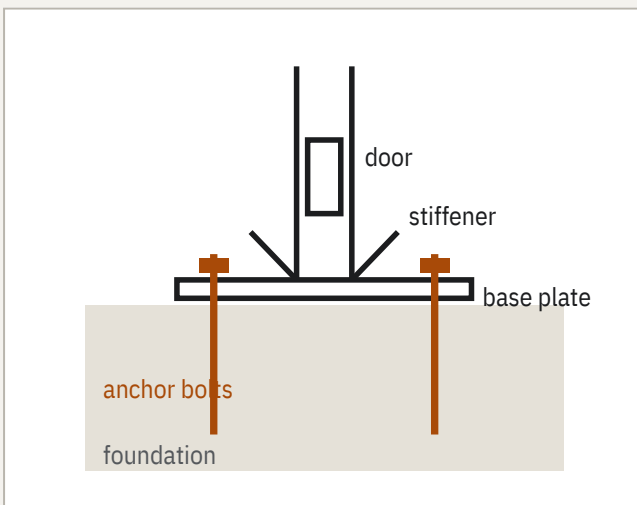
Best for: central islands and two-way roads

ARMS

Y-arm

The shaft splits into two angled branches for a distinctive look.

Best for: compounds, entrances and boulevards



Base plate

Square plate welded to the shaft with stiffeners, drilled for the anchor bolts.

Inspection door

Hinged door near the base for wiring and maintenance.

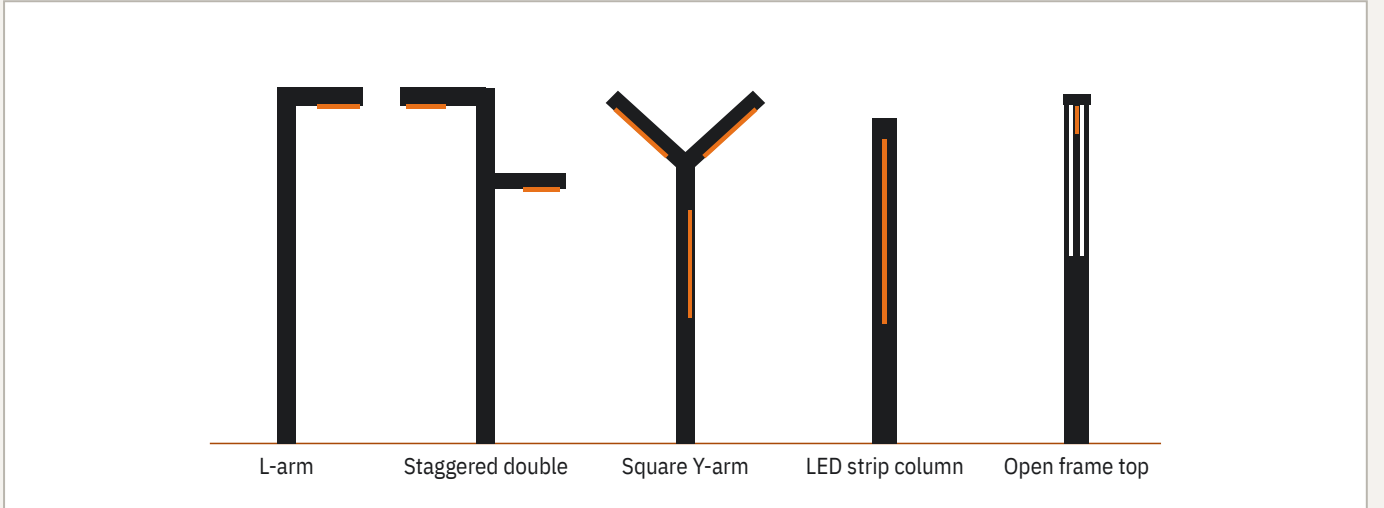
Anchor bolts • جوايت

Made to match the base plate, with nuts and washers, and sent ahead so they are set in the foundation before the poles arrive.

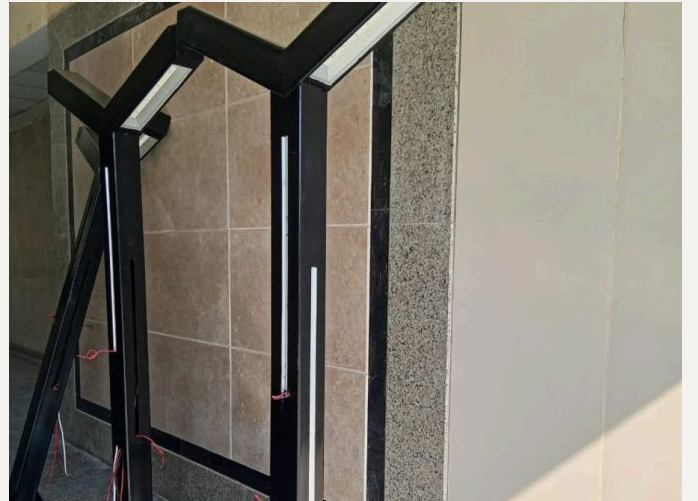
24 DECORATIVE POLES

أعمدة ديكورية حديثة

Square and rectangular poles for compounds, entrances, plazas and landscaped roads, made to the architect's drawing and ready for LED.



Square Y-arm with LED arms and a vertical light strip, installed



LED channels cut into the shaft and arms, wired before delivery

SHAFT

Square & rectangular

Clean box sections with sharp corners, in the size the design calls for.

LIGHT

LED-ready

Slots and channels for LED strips and linear fittings in the shaft and arms.

FINISH

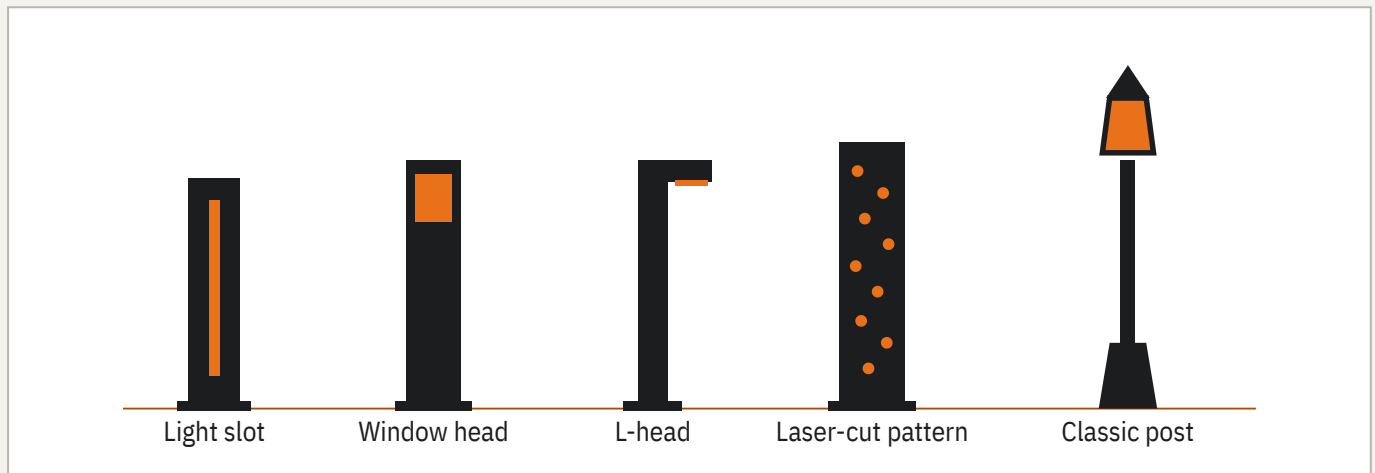
Any colour

Electrostatic powder coat, black, grey or any colour, over galvanizing on request.

25 GARDEN BOLLARDS & CLASSIC POSTS

أعمدة حدائق وبولارد وكلاسيك

Low path lights and classic posts for gardens, walkways and compound entrances, in the same steel, finish and colour as the street poles.



Classic post with decorative base, installed in a compound



Square decorative poles on their way to site

BOLLARD

Path & garden

Square or round bollards with a light slot, window head or L-head.

Best for: walkways, gardens, villa entrances

LASER

Cut patterns

Patterns, numbers or a logo laser-cut into the shaft so the light shines through.

CLASSIC

Classic posts

A decorative base and slim shaft, ready for the lantern head you choose.

Best for: compounds and heritage-style streets

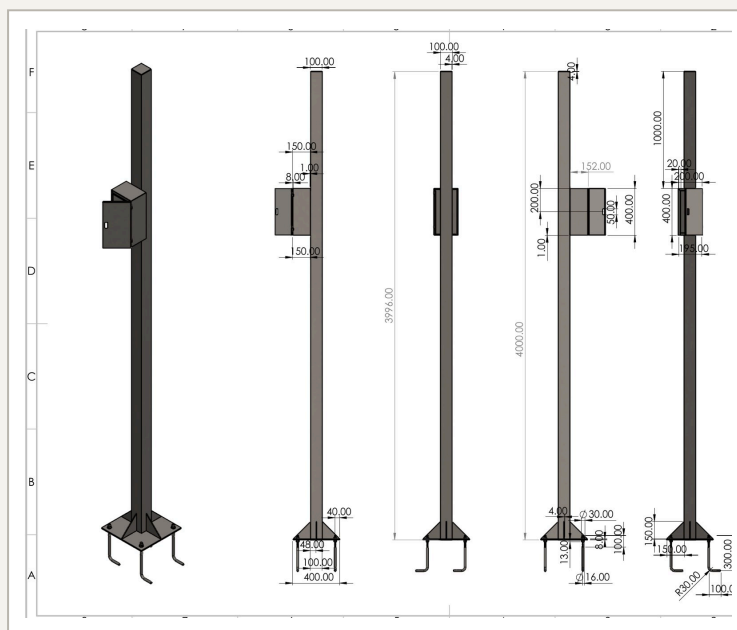
26 STANDARD MODELS

موديلات قياسية من مكتبنا الفني

Four models from our technical office, drawn and built in our factory. Each can be adjusted to your height, sizes and finish.

RT-LP-04 Light pole, 4 m square

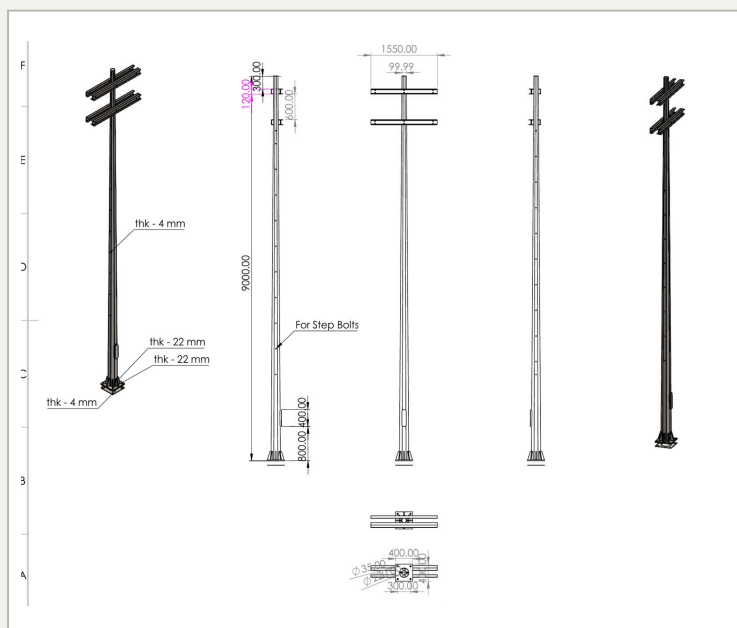
عمود إنارة مربع 4 متر



Height	4.0 m
Shaft	Square 100 × 100 mm, 4 mm wall
Base plate	400 × 400 × 8 mm, 4 × Ø20 holes, gussets
Anchor bolts	4 × M16, L-shaped 300 + 100 mm, nuts & washers
Panel	Pole-mounted box 400 × 200 × 150 mm, hinged door
Material	Steel 37
Finish	Hot-dip galvanized
Weight	≈ 82.5 kg

RT-TP-09 Tapered pole, 9 m

عمود مسلوب 9 متر



Height	9.0 m
Shaft	Round tapered, Ø220 to Ø100 mm, 4 mm wall
Base	22 mm base plate and stiffeners, 400 × 400 mm
Cross-arms	Two arms, 1.55 m wide, 600 mm apart
Access	Holes for step bolts, inspection door at 0.8 m
Finish	Hot-dip galvanized or powder coated

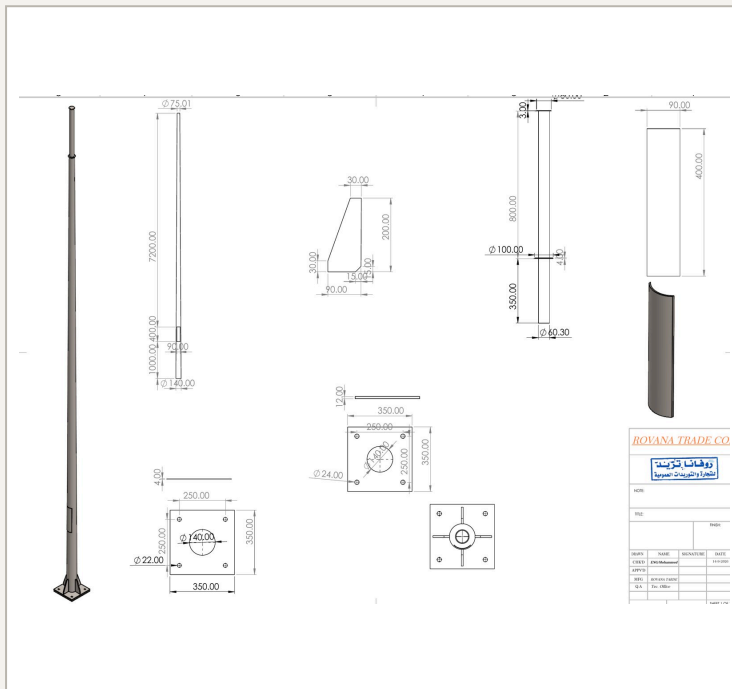
27 STANDARD MODELS

موديلات قياسية من مكتبتنا الفني

موديلات قياسية من مكتبنا الفني

RT-TP-07 Tapered pole, 7.2 m

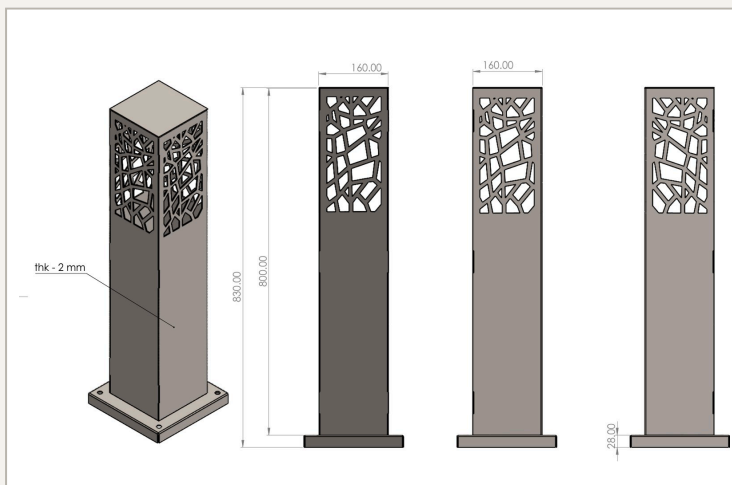
عمود مسلوب 7.2 متر



Height	7.2 m
Shaft	Round tapered, Ø140 to Ø75 mm
Base plate	350 × 350 × 12 mm, 4 × Ø24 holes on 250 mm centres
Gussets	200 mm stiffeners welded to the base
Door	90 × 400 mm inspection door at 1.0 m
Top	Ø60.3 mm spigot for the lantern
Finish	Hot-dip galvanized or powder coated

RT-BL-80 Laser-cut bollard, 80 cm

بولارد ليزر 80 سم



Height	800 mm body, 830 mm overall
Section	Square 160 × 160 mm
Sheet	2 mm steel
Pattern	Laser-cut on all four faces, any design
Base	Plate with 4 fixing holes
Finish	Powder coated in any colour

OTHER SIZES Need a different height, arm or base? Our technical office adapts the drawing to your project.

28 FINISH & ORDERING

التشطيب وطريقة الطلب

HDG

Hot-dip galvanized

Dipped in molten zinc after welding, so the inside of the shaft, the welds and the base are protected too.

Best for: outdoor, coastal and industrial sites



PC

Electrostatic powder coat

A durable coat in the colour you choose, on its own or over galvanizing.

Best for: city streets and projects with a set colour



FOR A QUICK QUOTE, SEND

- 1 **Height** of the pole
- 2 **Shaft:** tapered or stepped, with the base and top diameters
- 3 **Section:** round, hexagonal or octagonal
- 4 **Arms:** single, double or Y, with the reach
- 5 **Base plate** size and **anchor bolts**
- 6 **Finish** and colour, **quantity** and delivery site

NO DRAWING? Send a photo of a pole you like and the height you need. We size it and quote the same day.

DESIGN & SIZING

مقالات فنية من موقعنا: التصميم واختيار المقاس

ARTICLE 01

How to choose a cable tray size

Five steps our technical team follows.

System: perforated tray for most routes, closed trunking for best protection, ladder for heat-producing power cables and outdoor or dusty areas.

Side height: standard trays 25–100 mm high, ladders 75–150 mm.

Area: each cable as diameter × diameter, add them up, add 25% reserve, divide by the height. 10 cables of ≈25.1 mm → 7,875 mm² → 200 × 50 mm.

Supports: 1.5 m standard spacing recommended.

rovanatrade.com/blog/how-to-choose-cable-tray-size

ARTICLE 02

Sizing by cable layout & spacing

Start from the cable schedule, not the cable count.

Real data: use the maker's outside diameter; mm² of the conductor is not the cable diameter.

Width: sum of diameters + clear gaps + side clearances. Six 30 mm cables with 20 mm gaps and sides → 320 mm.

No magic numbers: no universal 20 mm gap or 40% fill; spacing and ampacity are checked by the designer.

rovanatrade.com/blog/cable-tray-sizing-cable-layout-spacing

ARTICLE 03

Why 3-metre sections

Our preferred straight length, unless the spec says otherwise.

Fewer joints: a 30 m straight run takes 10 pieces and 9 joints at 3 m, versus 15 pieces and 14 joints at 2 m.

Clear counting: state the section length in every request, so "price per piece" compares like with like.

Not a span: a 3 m section does not mean supports every 3 m.

rovanatrade.com/blog/cable-tray-section-length-3-metre

MATERIALS & COVERS

مقالات فنية من موقعنا: الخامات والأغطية

ARTICLE 04

Stainless 304 or 316?

When galvanized steel is not enough, the grade matters.

304: excellent in most industrial settings; the usual choice for food, beverage and pharma plants that are washed often.

316: about 2% molybdenum gives far higher chloride resistance, for coastal, desalination, marine and chemical sites.

Worth it? Higher first cost, but years without maintenance or replacement often make it cheaper over the project's life.

rovanatrade.com/blog/stainless-steel-304-vs-316-cable-tray

ARTICLE 05

Cold-rolled or hot-rolled sheet?

"Harder steel" is not a specification.

Specify fully: grade, thickness and tolerance, mechanical properties, delivery condition and finish.

Not the same thing: hot rolling makes the sheet; hot-dip galvanizing coats it. Cold-rolled is not always stronger than hot-rolled.

Four properties: yield strength, tensile strength, elongation and hardness each mean something different. DC01, DC04 and DD11 are grade names, not a strength ranking.

rovanatrade.com/blog/steel-sheet-grades-cold-rolled-vs-hot-rolled

ARTICLE 06

Specifying tray covers

"Tray with cover" is not enough for a quotation.

Where: mark covered sections and lengths on the drawings, per size.

Type & fit: solid or ventilated; give the tray profile, not just the width. A cover alone is not water- or dust-tight.

Don't forget: cover fixings, and a cover for every bend, tee, cross and reducer.

rovanatrade.com/blog/cable-tray-covers-selection-checklist

BUYING & SITE CHECKS

مقالات فنية من موقعنا: الشراء والاستلام والتركيب

ARTICLE 07

Quotation request checklist

A total length is not a BOQ.

Same scope: two offers with the same metre rate may cover different items. Ask what is included: splice plates, covers, supports, delivery, taxes.

System & size: tray, ladder, mesh or trunking on separate lines; width, height, thickness and section length in mm.

Finish: "galvanized" alone may not be enough; name the process and any certificates at quotation stage.

rovanatrade.com/blog/cable-tray-quotation-checklist

ARTICLE 08

Receiving trays on site

Check the delivery before it reaches the crews.

Documents: PO, BOQ, approved drawings and an itemized packing list on hand.

Measure & look: width, height, length and thickness against the approval; photograph crushed sides or finish damage.

Count & record: reconcile fittings, covers, plates and bolts; colour alone can't tell the galvanizing or stainless grade.

rovanatrade.com/blog/cable-tray-site-receiving-inspection

ARTICLE 09

NEMA VE 2 installation guide

Now listed as NEMA BI-50016-2024.

What it covers: shipping, handling, storage and installation, plus maintenance and system changes.

"NEMA compliant" on an offer is not a certificate; ask for the document, edition and evidence for the actual system.

Supports & joints: take spacing and joint positions from approved drawings and system data, never from section length.

rovanatrade.com/blog/nema-ve2-cable-tray-installation-guide

E

PROJECTS & DELIVERY

مشروعات وِردنا لها

Project list Industries we supply Delivery & export How to order

29 SUPPLIED BY ROVANA

مشروعات وُردنا لها

Project	Scope	Location	Year
ASEC Automation, ongoing	Trays & accessories	Egypt	2025–26
Egyptian Gypsum – Saint-Gobain	Trays & accessories	Egypt	2026
Burullus Gas Company	Trays & accessories	Egypt	2026
Timsah Shipbuilding Company	Trays & accessories	Ismailia	2026
El Fateh	Stainless 316 wire basket	Egypt	2026
ELAB project – Triple P	Trays & accessories	Egypt	2026
Golden Gate project – Wajha	Trays & accessories	Egypt	2026
Sugarcane seedlings factory	HDG trays, supply & install	Aswan	2024
Esna project, Upper Egypt	Galvanized stands	Esna, Luxor	2024
Al-Amrya Animal Production	HDG threaded rod, plates	Alexandria	2024
HDG tray 600 × 100 mm, 2 mm	Perforated HDG tray	Egypt	2024
Alba Taba factory	Supply & installation	10th of Ramadan	2023–24
Poultry farms	Galvanized trays	Beni Suef	2023–24
Family medicine unit	Galvanized trays	Tama, Sohag	2023
El Dabaa station project	Trays & fittings	El Dabaa, Matrouh	
Export shipment	Fabrication, packing, export	Libya	
Fittings & accessories package	Fittings, covers, supports	Egypt	

250+ projects supplied since 2019. Photos and details: rovanatrade.com/projects

30 INDUSTRIES WE SUPPLY

القطاعات التي بنوّردها



ENERGY • OIL & GAS

Burullus Gas Company • El Dabaa station project

INDUSTRY & MANUFACTURING

Egyptian Gypsum – Saint-Gobain • Alba Taba • ELAB – Triple P • Aswan seedlings factory

MARINE

Timsah Shipbuilding Company, Ismailia

AUTOMATION & CONTRACTORS

ASEC Automation • Golden Gate – Wajha

AGRICULTURE & LIVESTOCK

Poultry farms, Beni Suef • Al-Amrya Animal Production

PUBLIC & HEALTHCARE

Family medicine unit, Tama • Esna Upper Egypt project

EXPORT Cable tray systems fabricated in Egypt and packed for projects in Libya.

31 DELIVERY & EXPORT

التوريد لأي محافظة والتصدير



Any governorate

Delivered to site across Egypt, from Aswan to Alexandria and the Canal.

Any size of order

From a single pickup of fittings to full trailers of tray.

Export packed

Fabricated and packed for export, already shipped to Libya.

ONE ORDER Tray, fittings, supports and fixings arrive together, in the same finish, ready to install.



ROVANA TRADE
FOR CABLE TRAY

SEND YOUR BOQ. GET A QUOTE THE SAME DAY.

ابعتلنا المقايسة، وعرض السعر يوصلك في نفس اليوم

01

Send

BOQ, drawings or a
photo from site

02

Quote

Reviewed by our
technical team, priced
the same day

03

Make

Cut, punched, formed
and finished in our
factory

04

Deliver

To site anywhere in
Egypt, or packed for
export

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WEB

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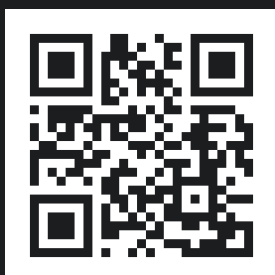
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Industrial Zone, Slow Road,
Qalyub, Qalyubia, Egypt

المنطقة الصناعية - الطريق البطيء - قليوب

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El-Moatamadia, Giza, Egypt



WHATSAPP



WEBSITE

ISO 9001:2015
HDG TO BS EN ISO 1461
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