



Polaris Metal Industries

PRODUCT CATALOGUE

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- › Cable Tray Systems
- › Cable Ladder Systems
- › GI Steel Lintels
- › All Accessories



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About Us

Welcome to Polaris Metal Industries, a leading provider of innovative and high quality cable management solutions. With years of experience in the industry, we specialize in the design, manufacture, and distribution of premium cable trays, trunkings, cable ladders, lintels that cater to a wide range of commercial, industrial, and residential applications.

Our Mission

Our mission is to deliver superior cable management solutions that enhance efficiency, safety, and aesthetics in electrical installations. We are committed to providing products that meet the highest standards of quality and reliability, ensuring our clients can depend on us for all their cable management needs.

Quality and Compliance

At PMI, quality is our top priority. Our cable trays are manufactured using high grade materials and state-of-the-art technology to ensure durability and performance. We adhere to stringent industry standards and regulations, ensuring our products are safe, reliable, and compliant with all relevant certifications.

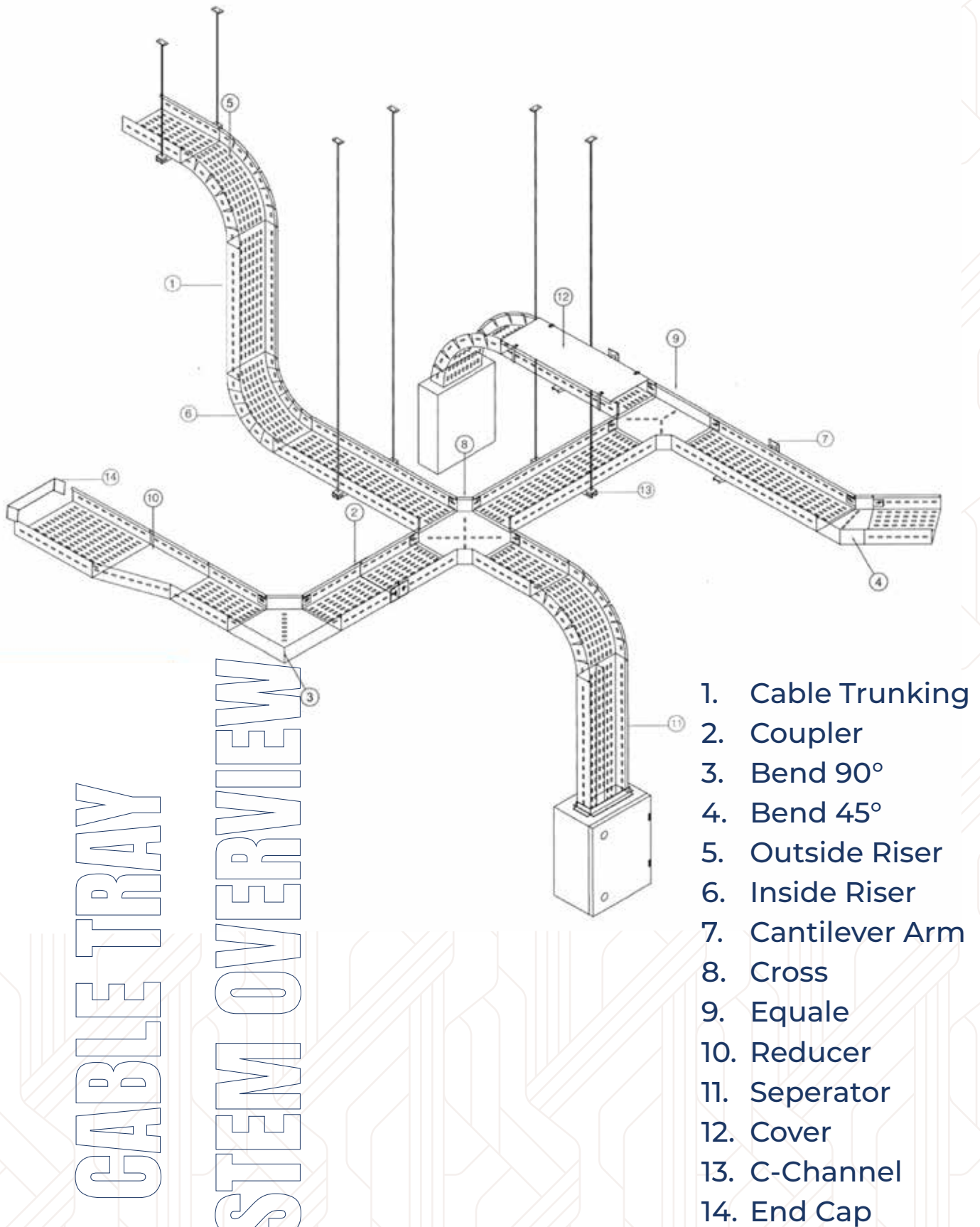
Custom Solutions

Understanding that every project is unique, we offer custom design and fabrication services to meet specific client requirements. Our team of experienced engineers works closely with clients to develop tailored solutions that address their precise needs, ensuring optimal performance and cost-efficiency.

Sustainability

We are dedicated to promoting sustainable practices within our operations and product offerings. Our manufacturing processes prioritize energy efficiency and waste reduction, and we continuously seek innovative ways to minimize our environmental footprint.

CABLE TRAY SYSTEM OVERVIEW



CABLE TRAY
SYSTEM OVERVIEW

PERFORATED CABLE TRAYS



CABLE TRAY

Part no.	Width (mm)	Height (mm)			Thickness (mm)
PMI-CT 50	50	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 75	75	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 100	100	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 150	150	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 225	225	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 300	300	25	50	100	0,7, 0,9, 1, 1,2, 1,5, 2
PMI-CT 450	450	25	50	100	1,2, 1,5, 2
PMI-CT 600	600	25	50	100	1,2, 1,5, 2
PMI-CT 750	750	25	50	100	1,2, 1,5, 2
PMI-CT 900	900	25	50	100	1,2, 1,5, 2
PMI-CT 1000	1000	25	50	100	1,5, 2

CABLE TRAY ACCESSORIES

90 Degree
Flat Bend



Code: PMI/ TYPE-A

45 Degree
Flat Bend



Code: PMI/ TYPE-B

90 Degree Inside
Riser



Code: PMI/ TYPE-C

90 Degree Outside
Riser



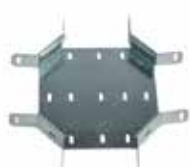
Code: PMI/ TYPE-D

Equal Tee



Code: PMI/ TYPE-E

Equal Cross



Code: PMI/ TYPE-F

Reducer



Code: PMI/ TYPE-G

End Cap



Code: PMI/ TYPE-H

Cable Tray
Coupler



Code: PMI/ TYPE-I

Cable Tray
Push Clip



Code: PMI/ TYPE-J

Cable Tray
Cover



Code: PMI/ TYPE-K

Code

Heights
(mm)

Width
(mm)

Thickness
(mm)

PMI- CT -TYPE A 90° Flat Bend

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE B 45° Flat Bend

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE C 90° Inside Riser

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE D 90° Outside Riser

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE E Equal Tee

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE F Equal Cross

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

PMI- CT -TYPE G Reducer

50, 75, 100

50, 100, 150, 200, 225, 300, 400, 500, 600, 700, 800, 900, 1000

0.9, 1, 1.2, 1.5, 2

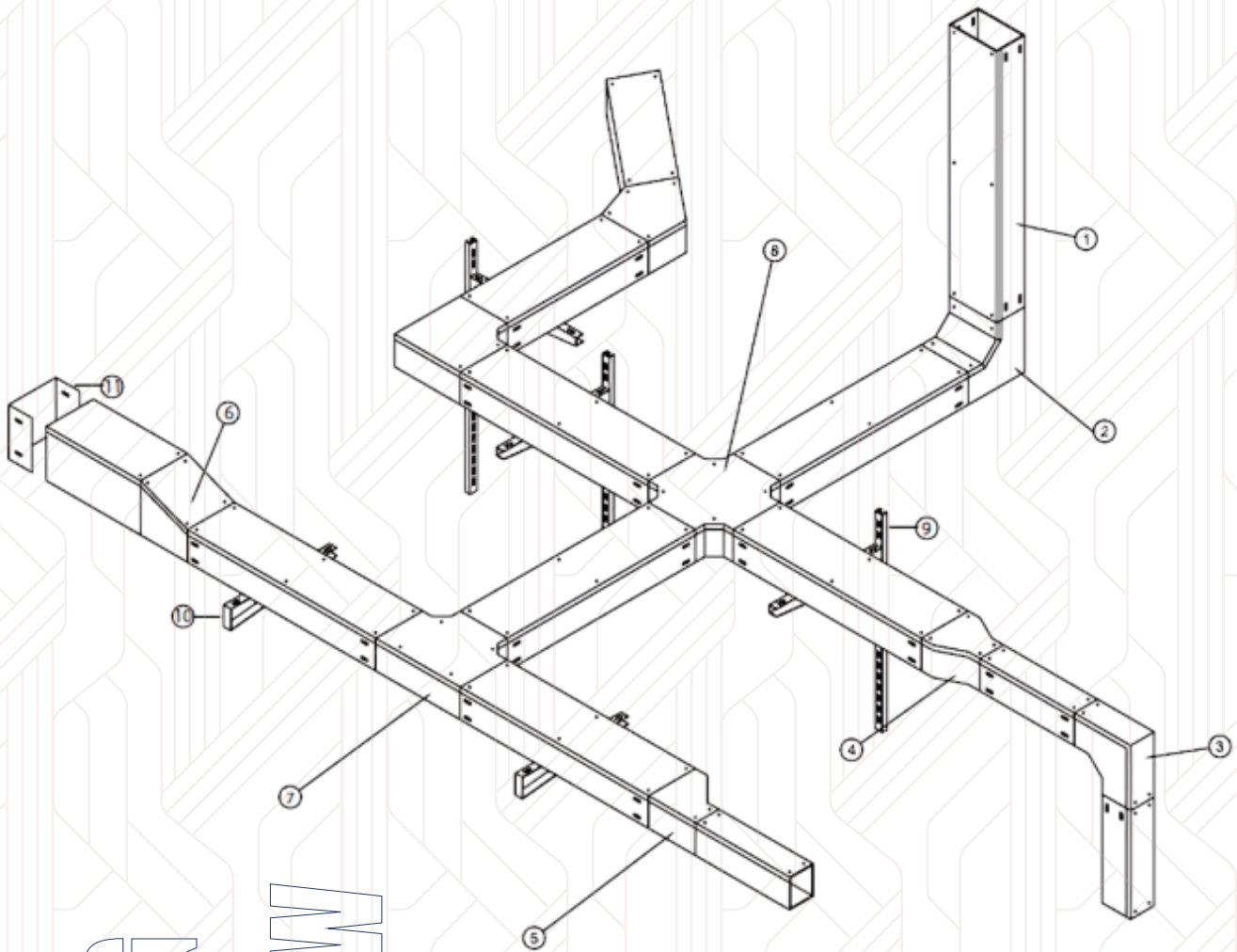
PMI- CT -TYPE H Cable Tray End Cap

PMI- CT -TYPE I Coupler

PMI- CT -TYPE J Push Clip

PMI- CT -TYPE K Cover

CABLE TRUNKING SYSTEM OVERVIEW

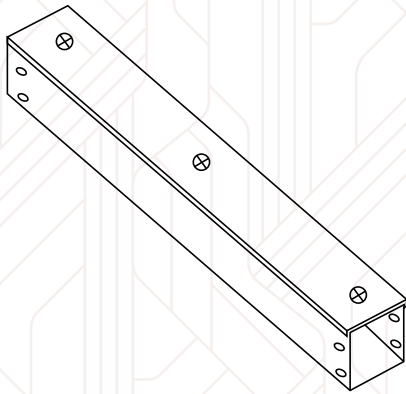


CABLE TRUNKING SYSTEM OVERVIEW

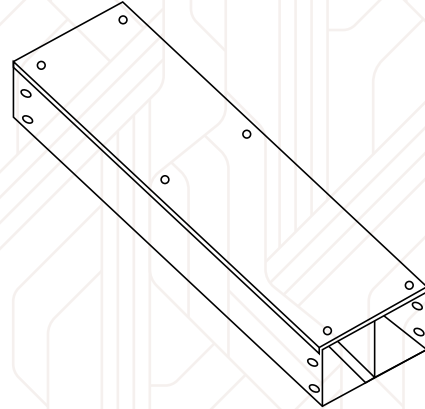
1. Cable Trunking
2. Inside Bend
3. Bend Outside
4. Straight Reducer
5. Right Hand Reducer
6. Reducer
7. Equal Tee Top Cover
8. Cross
9. C- Channel
10. Cantilever Arm
11. End Cap

CABLE TRUNKING SYSTEMS

TRUNKING TYPE



TWO COMPARTMENT TYPE



CABLE TRUNKING

Part no.	Width (mm)	Height (mm)	Thickness (mm)	Length (mm)
PMI -TR 50 X 50	50	50	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 75 X 50	75	50	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 75 X 75	75	75	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 100 X 50	100	50	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 100 X 75	100	75	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 100 X 100	100	100	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 150 X 50	150	50	0.7, 0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 150 X 75	150	75	0.9, 1, 1.2, 1.5, 2	3 M/L
PMI -TR 150 X 100	150	100	1, 1.2, 1.5, 2	3 M/L
PMI -TR 150 X 150	150	150	1, 1.2, 1.5, 2	3 M/L
PMI -TR 200 X 50	200	50	1, 1.2, 1.5, 2	3 M/L
PMI -TR 200 X 75	200	75	1.2, 1.5, 2	3 M/L
PMI -TR 200 X 100	200	100	1.2, 1.5, 2	3 M/L
PMI -TR 300 X 50	300	50	1.2, 1.5, 2	3 M/L
PMI -TR 300 X 75	300	75	1.2, 1.5, 2	3 M/L
PMI -TR 300 X 100	300	100	1.2, 1.5, 2	3 M/L

CABLE TRUNKING ACCESSORIES

90 Degree Top
Open Bend



Code: PMI/TYPE-A

45 Degree Top
Open Bend



Code: PMI/TYPE-B

90 Degree Inside
Open Bend



Code: PMI/TYPE-C

45 Degree Inside
Open Bend



Code: PMI/TYPE-D

90 Degree Outside
Open Bend



Code: PMI/TYPE-E

45 Degree Outside
Open Bend



Code: PMI/TYPE-F

Tee Top
Open Bend



Code: PMI/TYPE-G

Equal Cross



Code: PMI/TYPE-H

Reducer



Code: PMI/TYPE-I

Trunking Outside
Riser



Code: PMI/TYPE-J

Trunking Inside
Riser



Code: PMI/TYPE-K

Hanging Clamp



Code: PMI/TYPE-L

Code

Width
(mm)

Height
(mm)

Thickness
(mm)

PMI- TR-TYPE A 90° Top Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE B 45° Top Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE C 90 ° Inside Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE D 45° Inside Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE E 90° Outside Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE F 45° Outside Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE G Tee Top Open Bend

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE H Equal Cross

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE I Reducer

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE J Outside Riser

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

PMI- TR-TYPE K Inside Riser

50, 75, 100

50, 75, 100

0.9, 1, 1.2, 1.5, 2

Coupler



Code: PMI/TYPE-M

End Cap



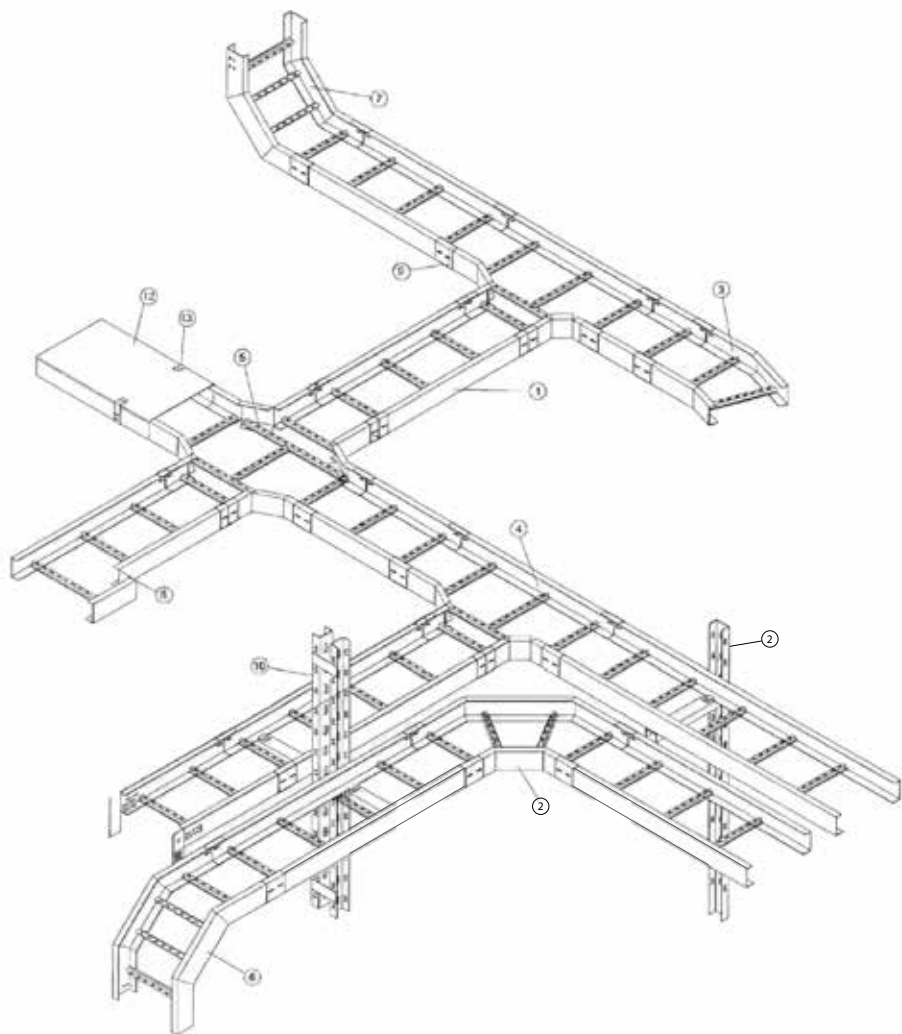
Code: PMI/TYPE-N

PMI- TR-TYPE L Hanging Clamp

PMI- TR-TYPE M End Cap

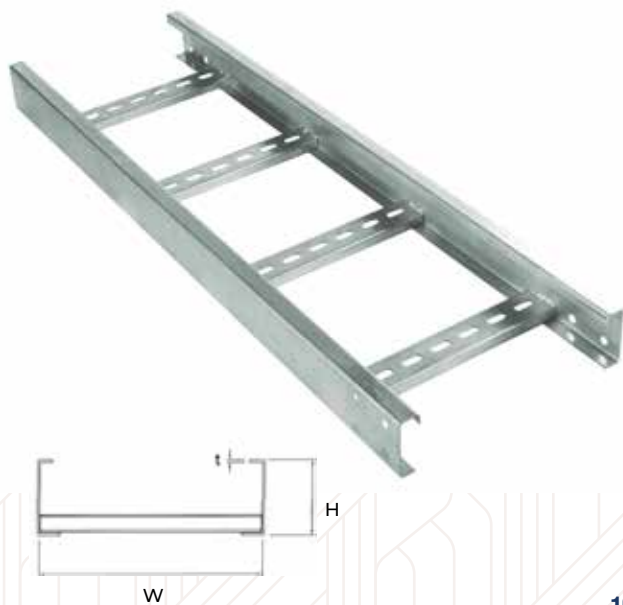
PMI- TR-TYPE N Coupler

CABLE LADDER SYSTEM OVER VIEW



- 1. Cable Ladder
- 2. Bend 90°
- 3. Bend 45°
- 4. Equal Tee
- 5. Cross
- 6. Outside Riser
- 7. Inside Riser
- 8. Reducer Plate
- 9. Coupler
- 10. C-Channel
- 11. Cantilever Arm
- 12. Cover
- 13. Cover Clamp

CABLE LADDER



CABLE LADDER (Medium Duty)				
Part no.	Width (mm)	Height (mm)	Thickness (mm)	
			Side	Rug
PMI-CL 100	100	60	1.5	1.5
PMI-CL 150	150	60	1.5	1.5
PMI-CL 300	300	60	1.5	1.5
PMI-CL 450	450	60	1.5	1.5
PMI-CL 600	600	60	1.5	1.5
PMI-CL 750	750	60	1.5	1.5
PMI-CL 900	900	60	1.5	1.5

CABLE LADDER (Heavy Duty)				
Part no.	Width (mm)	Height (mm)	Thickness (mm)	
			Side	Rug
PMI-CL 100	100	100	2	2
PMI-CL 150	150	100	2	2
PMI-CL 300	300	100	2	2
PMI-CL 450	450	100	2	2
PMI-CL 600	600	100	2	2
PMI-CL 750	750	100	2	2
PMI-CL 900	900	100	2	2

STEEL LINTELS

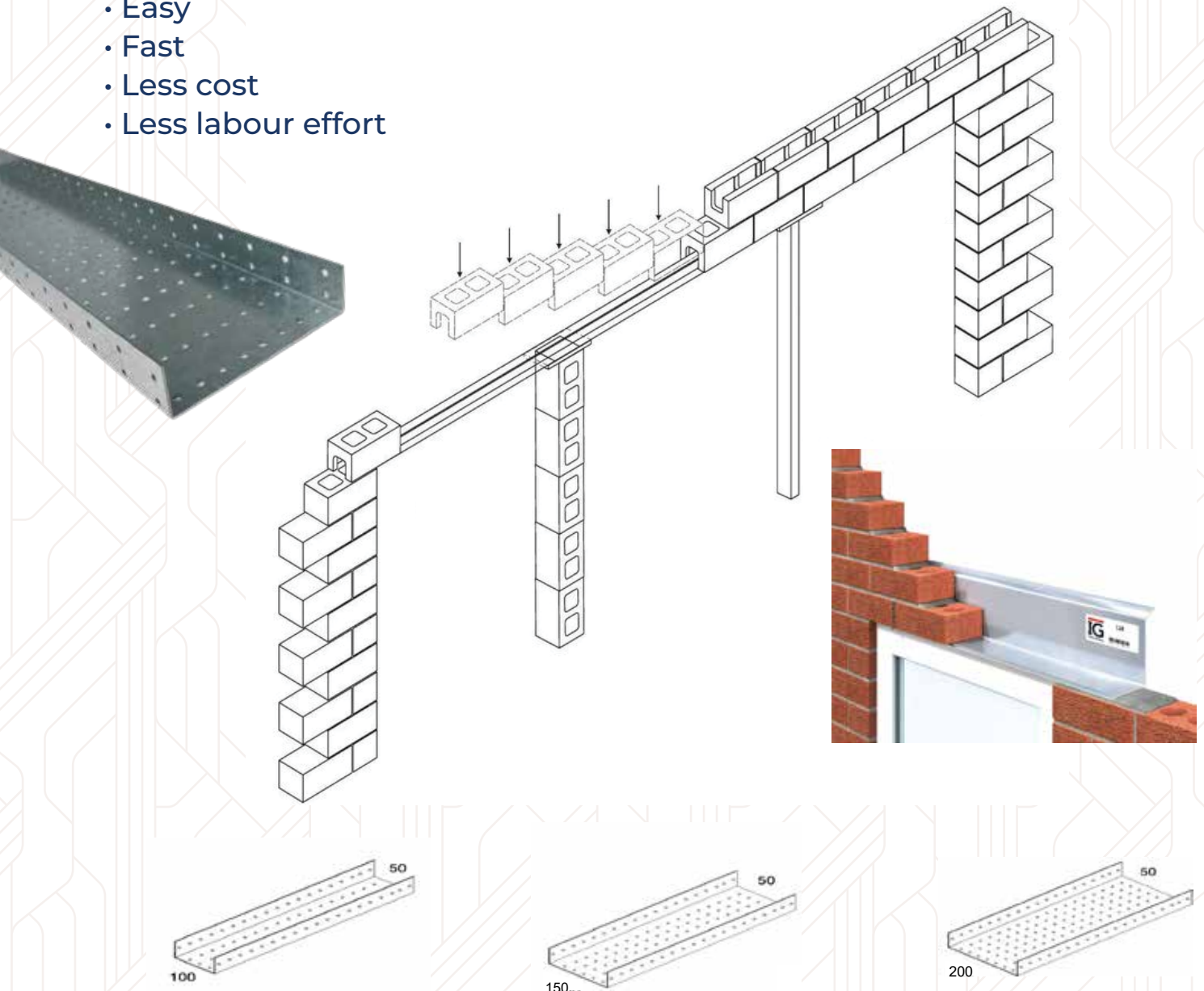
Steel lintel is the metal stand which is commonly used now as a support for the span over the doors and windows.

We manufacture it from prime steel galvanized with zinc coated to prevent the corrosion.

It is available in different sizes to be suitable for any types of blocks.

Lintel is the best method for this purpose which provides:

- Easy
- Fast
- Less cost
- Less labour effort



Part No.	Width (mm)	Height (mm)	Thickness (mm)
PMI-U 100 X 50	100	50	1.5
PMI-U 150 X 50	150		2
PMI-U 200 X 50	200	75	1.5
PMI-U 100 X 75	100		2
PMI-U 150 X 75	150		1.5
PMI-U 200 X 75	200		2

TECHNICAL DATA SHEET

CABLE TRAYS

At Polaris Metal Industries L.L.C, Cable Trays and its corresponding accessories are manufactured in standard lengths of 3mtrs. In accordance with BS 61537:02 for laying of cables. BSEN ISO 1461/ASTM A 123 for Hot Dip Galvanized finish and ASTM A 653 Carbon steel A for Pre-Galvanized finish are the standards followed for the corresponding finishes. We also manufacture Aluminum and Stainless Steel Cable Trays of Grades 304 and 316.

Light Duty Cable Trays are used for installation of weightless cables such as Networking, Data Cabling, Fiber Optic Cabling and other areas of similar applications. Medium Duty Cable Trays are used for commercial applications. Heavy Duty Cable Trays are used for industrial as well as commercial purposes.

CABLE TRUNKINGS

Cable Trunkings and its corresponding accessories are manufactured in standard lengths of 3mtrs with covers in accordance with BS 4678: Part 1: 1971. These covers can be provided in Knob Type as well as Screw Type depending on application. Trunkings are manufactured as per BSEN ISO 1461/ ASTM A 123 for Hot Dip Galvanized finish and ASTM A 653 Carbon steel A for Pre-Galvanized finish. We also manufacture Aluminum and Stainless Steel Cable Trunkings of Grades 304 and 316 (L).

Trunkings are specifically designed for Light and Medium Duty cabling. This form of containment system can hold light weight cables such as fiber optic, networking and other forms of similar cabling. We also provide two and three compartment solutions for the same with corresponding accessories. These accessories are produced on our hitech CNC machines (without any welding) and are supplied with integrated couplers.

At PMI, we pride ourselves on being a globally recognized leader in manufacturing. With a steadfast commitment to excellence, innovation, and quality, we have achieved ISO certification, underscoring our dedication to meeting international standards and exceeding customer expectations.

CABLE LADDER

Cable ladder is a type of cable management system used to support and route electrical cables in various industrial and commercial settings. It consists of two longitudinal side rails connected by rungs or cross pieces, creating a ladder like structure. This design provides a strong, durable framework for holding and organizing cables, making it a popular choice for applications where high-capacity and reliable cable support are required.

They are characterized by their ease of installation in addition to time as well as money saving. PMI manufactures Cable Ladder accordance with Galvanized Steel according to BSEN ISO 1461/ASTM A 123 for Hot Dip Galvanized finish and ASTM A 653 Carbon steel A for Pre-Galvanized finish.

STEEL LINTEL

Steel Lintels provide a combination of strength and light weight, resulting in efficient load bearing performance and increased productivity on site. They are characterized by their ease of installation in addition to time as well as money saving. PMI manufactures Steel Lintel accordance with Galvanized Steel according to BSEN ISO 1461/ASTM A 123 for Hot Dip Galvanized finish and ASTM A 653 Carbon steel A for Pre-Galvanized finish

ISO 9001: 2015- Quality Management System

Our ISO 9001 certification demonstrates our adherence to rigorous quality management practices throughout our operations. From product design and development to manufacturing, distribution, and customer service, every aspect of our business is governed by stringent quality control measures. We continuously strive for improvement, ensuring that our products and services consistently meet or exceed regulatory requirements and customer satisfaction.

ISO 14001: 2015 -Environmental Management

As stewards of the environment, we take our responsibility seriously. Our ISO 14001 certification reflects our commitment to sustainable practices and environmental stewardship. We proactively minimize our environmental footprint through efficient resource management, waste reduction, and pollution prevention initiatives. By integrating environmental considerations into our decision-making processes, we not only protect the planet but also create value for our stakeholders.

ISO 45001:2018 - Occupational Health and Safety Management System

ISO 45001:2018 is the international standard for occupational health and safety management systems. Achieving this certification signifies our dedication to systematically managing occupational health and safety risks within our organization. By implementing the requirements outlined in ISO 45001, we ensure the well-being of our employees, contractors, visitors, and anyone else affected by our operations

CERTIFICATES



Certificate Of Registration
Awarded to

POLARIS METAL INDUSTRIES L.L.C

at
P.O. BOX NO: 84768, AL MULLA WAREHOUSE NO 54, JABEL ALI INDUSTRIAL AREA 1,
DUBAI, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system standard detailed below:

ISO 14001:2015
Environmental Management Systems

Scope of work

MANUFACTURING OF CABLE TRAY, TRUNKING, CABLE LADDER, SLOTTED CHANNEL & ACCESSORIES

IAF 17
Certificate No: ADU-5643
Originally Registered: 06 MAR 2023
Latest Issue: 06 MAR 2023
Valid up-to: 05 MAR 2026






UAE OFFICE ADDRESS
Quality Registrar Systems Inc.
Alta Shams, United Arab Emirates
www.qrs-ird.com
Tel: 02-3096166

WORLDWIDE CERTIFICATION

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies (ASC) who have assessed QRS (IRL) as a Certifying Body for compliance with ISO 17021:2015 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems'. This certificate is only valid when confirmed by the registrar listed in the QRS (IRL) (qrs-ird.com)



Certificate Of Registration
Awarded to

POLARIS METAL INDUSTRIES L.L.C

at
P.O. BOX NO: 84768, AL MULLA WAREHOUSE NO 54, JABEL ALI INDUSTRIAL AREA 1,
DUBAI, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system standard detailed below:

ISO 9001:2015
Quality Management Systems

Scope of work

MANUFACTURING OF CABLE TRAY, TRUNKING, CABLE LADDER, SLOTTED CHANNEL & ACCESSORIES

IAF 17
Certificate No: ADU-2210
Originally Registered: 06 MAR 2023
Latest Issue: 06 MAR 2023
Valid up-to: 05 MAR 2026






UAE OFFICE ADDRESS
Quality Registrar Systems Inc.
Alta Shams, United Arab Emirates
www.qrs-ird.com
Tel: 02-3096166

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Certificate Of Registration
Awarded to

POLARIS METAL INDUSTRIES L.L.C

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DUBAI, UAE

Quality Registrar Systems certify that the management system of the above organization has been audited and found to be in compliance with the QRS & ISO standard requirements for registration of the management system standard detailed below:

ISO 45001:2018
Occupational Health and Safety Management Systems

Scope of work

MANUFACTURING OF CABLE TRAY, TRUNKING, CABLE LADDER, SLOTTED CHANNEL & ACCESSORIES

IAF 17
Certificate No: ADU-3918
Originally Registered: 06 MAR 2023
Latest Issue: 06 MAR 2023
Valid up-to: 05 MAR 2026






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ISO 9001: 2015
CERTIFIED COMPANY