



INAITHIRAM IMPEX INTERNET PRIVATE LIMITED

P. NO. 8-34, D. NO. 15/1, 2ND CROSS, Thillai Nagar, Tiruchirappalli,

Tamil Nadu, India - 620 018

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Product Specification		
1	SKU	100000002
2	Product name	Foldable Metal Platform Trolley 300kg
3	Brand	Inaithiram
4	Model	WH-MH-PT300
5	Load capacity	300kg
6	Platform Size	910x610mm
7	Handle Height	870mm
8	Foldable	Yes
9	Platform design	Anti-Slip Diamond-grated Platform
10	Platform material	Durable Steel
11	Colour	Yellow Frame and Black Platform
12	Wheels	125mm x 4pcs. Polyurethane (PU) Wheels
13	Wheel Design	02 Front Wheels (Fixed) ; 02 Back wheels (360* Swivel)
14	Painting	Powder Coated Surface Finish
15	Net Weight /Gross Weight	12.8kg
16	Maximum Product Height	1030mm (Extended)
17	Product Size	910x610x1030mm
18	Handle Bar Grip	Yes - Foam Graded Anti Slip Grip
19	Handle Bar	Seamless Steel Pipes
20	Foot Lever bar	Galvanized Iron (GI)
21	Spring Loaded Self-Locking Bracket	Yes
22	Bumper Liners	Yes - PVC/Synthetic rubber
23	Wheels brackets	Nickel chromium plated
24	Packing size	910x610x210mm



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Why to choose Inaithiram's Platform Trolleys? What are the materials used in it? And why those materials are used in it? What makes it a highly efficient, cost effective and reliable product?

- 1. Structural Material (Platform)** of this trolley is – **EU/EN S185 (EN10025-2)** – High Quality **Pure Carbon Steel** to provide highly reliable Mechanical Strength, Toughness, Good Tensile and Yield Strength to achieve high load carrying capacity, high product endurance and longevity.
- 2. The anti-slip diamond grated design of Platform's top side** is achieved by having a layer of **Diamond grated PVC/PPE sheet** infusing high anti-slip performance, rigid product holding capability, long term dimensional stability, superior impact strength, good hydrolytic stability and Light weight. Chemical attack from water, most salt solutions, acids and bases is also minimal.
- 3. Bumper Liners** made of **PVC/Synthetic rubber** are provided throughout the edges of the platform to protect the platform from deformation/denting from accidental corner impacts while maneuvering; it also adds an additional level of personnel safety.
- 4. Galvanized Iron (GI)** is used in **Foot Lever bar & it's Spring Loaded Self-Locking Bracket** - for better resistance from Rusting and Chemical Corrosion thereby increasing its durability & operating lifecycle. The **Spring Loaded Self-Locking Bracket** with ratchet like mechanism provides better sturdiness, stability and prevents accidental folding down and stowaway of handle bars.
- 5. Handlebar** is made of **Seamless Steel Pipes** – which provides Zero Welded Joints and Zero Heat Affected Zone (HAZ) weakness thereby giving better strength and increased ability to withstand high impact loading shocks.



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6. **Ethylene Vinyl Acetate Foam** is used for **Handlebar Cover Foam** for better ergonomics (soft on hands), high durability, resilience and sturdiness after long use, to be weather-resistant, water resistant to prevent slippage and to withstand harmful agents like fuel oils and chemicals.
7. **Painting** is done through **powder coating method** to protect the platform trolley from scratches, chipping, abrasions, corrosion, fading, and general wear. Yellow & Black color combination is used to provide better visibility and identification in shop floors. No special cleaners or solvents are needed to keep it clean. Instead, it can be wiped down with regular, soapy water and rinsed off.
8. Platform trolley has **04 Polyurethane (PU) Castor wheels**. Having 04 wheels aids in uniform load distribution, provides high load carrying capacity, better maneuverability and operational control.
9. The shock-absorbing **Polyurethane (PU) castor wheels** provides smooth, silent rolling without humming or noise, leaving no marks or scratches on the floor. Polyurethane wheels wears at a slower rate making it more long lasting. Polyurethane wheel (PU Wheels) are resistant to cuts and tears making it extremely durable. PU Castor Wheels have higher tensile strength allowing it to carry heavier loads. It is resistant to sunlight, oxygen, ozone, and several other environmental factors. It is resistant to damage caused by abrasive chemicals too.
10. All the **wheels** are equipped with best in class **600ZZ series deep groove ball bearings** which are of **Non-Contact Shielded Type**. The Rings, Cages and Balls are constructed of high quality through-hardened steel which resists corrosion and provides greater hardness and strength. **600ZZ series bearings** provide Good Speed capability, Grease Sealing Effectiveness, Dust Resistance and add no friction or heat build-up during operation, long life and less maintenance.
11. **Wheels brackets** are **Nickel chromium plated** providing resistance from rusting and corrosion plus giving an excellent look and finish to the brackets.
12. The **Wheels brackets** are mounted on **02 Fixed bases (Rigid in Front) and 02 Swivel bases (360* Rotation – in Rear)** offering better control, better maneuverability, better load distribution, better handling and ease of use.
13. The **02 Swivel Bases** are of **Kingpinless type** and acts as steering wheels. These **Kingpinless Swivel base castor wheels** fitted in this platform trolley - aids in the spearing of castor loads over a larger area, allowing it to be used at higher speeds and provides higher loading capacity. The swivel motion is more uniform and swivels more easily. Less maintenance is required as there is no nut to be re-tightened.

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