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MEESHO'S ASSET-LIGHT LOGISTICS STRATEGY: REDUCING DISTRIBUTION COSTS IN VALUE COMMERCE

[*1]Prof. Dr. Padmapriya Irabatti [1]Mr. Anand Irabatti, [2]D.Y Patil

[1]Professor Business management, Symbiosis Skills and professional University.

[2]Asst. Professor, Vidyapeeth, Pune. of Online Learning, Pune.

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***Corresponding Author: Prof. Dr. Padmapriya Irabatti**

Professor Business management, Symbiosis Skills and professional University.

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ABSTRACT

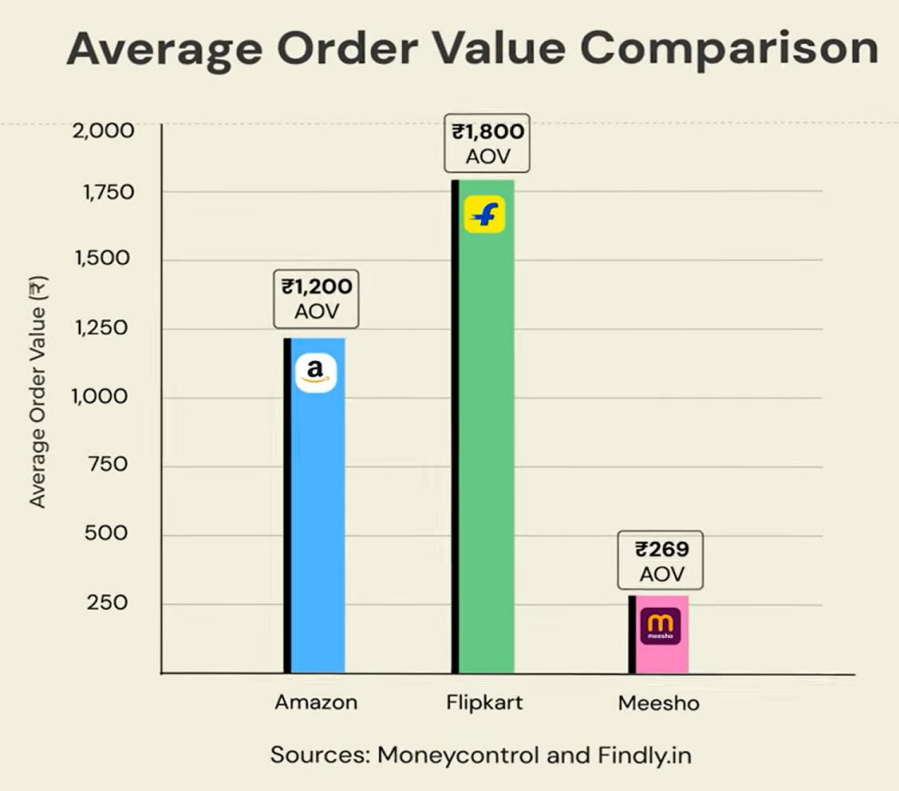
This case study examines how Meesho restructured its logistics and fulfilment architecture to address the structural cost challenges of value-focused e-commerce in India. Operating with one of the lowest average order values (AOVs) in the industry, Meesho could not rely on conventional, asset-heavy logistics models without eroding demand or incurring persistent losses. By developing an asset-light, software-orchestrated logistics network, the company leveraged underutilized capacity within India's fragmented transport ecosystem to realign delivery costs with customer willingness to pay. The case highlights how logistics design evolved into a core strategic capability and enabled Meesho to achieve operational profitability at scale.

INTRODUCTION: Logistics as a Strategic Constraint in Indian E-commerce

India's large e-commerce platforms have traditionally been built around high-value transactions, urban consumers, and rapid delivery promises. Centralized fulfilment centres, air freight, and company-controlled delivery fleets enabled speed and reliability but also created high fixed costs. These models were economically viable because customers purchasing branded or premium products were willing to absorb delivery charges or higher prices.

Meesho entered this environment with a sharply different positioning. Its platform focuses on unbranded, regional, and low-ticket products aimed at price-sensitive consumers across non-metro and semi-urban India. While this strategy unlocked a vast customer base, it also exposed a critical vulnerability: when order values are low, logistics costs quickly become a

decisive factor in purchase decisions. In this context, logistics was not merely an operational function but a binding strategic constraint.

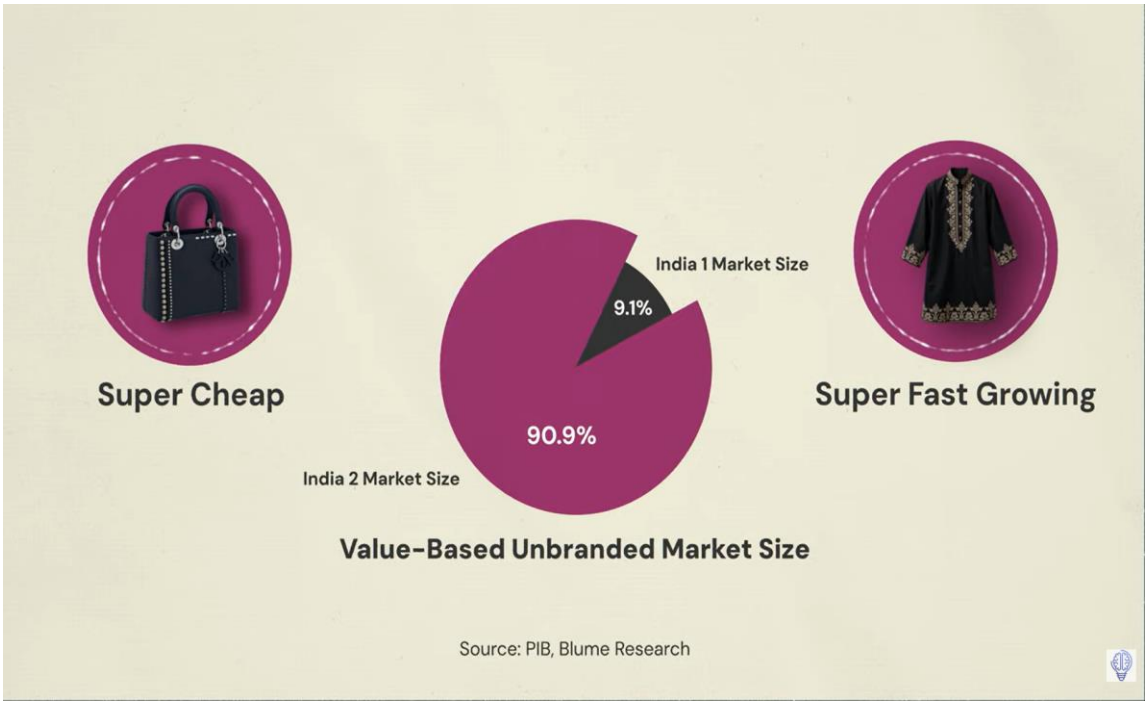


The Value-Commerce Customer and the Cost Sensitivity Problem

Meesho's core customers are highly sensitive to total transaction costs. Even small delivery fees represent a significant percentage of order value and can trigger order abandonment. At the same time, these consumers display relatively high tolerance for longer delivery timelines if it results in lower prices.

This behavioural pattern created a distinct trade-off space for Meesho. Competing on speed would raise costs beyond what customers were willing to pay, whereas optimizing for cost at the expense of delivery speed, could sustain demand. Recognizing this, Meesho deliberately deprioritized rapid delivery as a competitive lever and instead focused on minimizing end-to-end fulfilment costs.

India consumer stack shows that India-1 the Consuming Class comprises only 9% of the total population and 91 percent population is the of Aspirant and lower middle class. Meesho prioritised India 2 being it a huge and neglected market by Giant Ecommerce companies.



Pre-Transformation Logistics Economics

Before its logistics transformation, Meesho relied heavily on established third-party logistics providers. While these partners offered national reach and service reliability, their pricing structures were designed for higher-value shipments and faster delivery commitments. As order volumes grew, logistics expenses escalated disproportionately relative to revenue.

At one stage, logistics and fulfilment costs accounted for a substantial share of order value, creating structurally weak unit economics. Incremental cost reductions or renegotiations with logistics partners proved insufficient, as the underlying model remained misaligned with Meesho's Low-Average Order Value business.

Identifying Structural Inefficiencies in the Logistics Ecosystem

Meesho's strategic pivot was driven by a broader observation about India's logistics landscape. While organized courier companies are highly visible, most freight movement in India is handled by small, unorganized transporters. A significant portion of this capacity—particularly on return routes—remains underutilized.

Industry estimates indicate that a large share of trucks travel empty on backhaul journeys, absorbing fuel and labour costs without generating revenue. For transporters, this represents unavoidable inefficiency; for a coordinating platform, it represents latent capacity. Meesho recognized that unlocking this unused capacity could fundamentally alter delivery economics.

Valmo: Building a Software-enabled Logistics Network

To capitalize on this opportunity, Meesho developed Valmo, a proprietary logistics transposition platform. Valmo is not a traditional logistics company: it owns no trucks, warehouses, or delivery fleets. Instead, it operates as a software layer that connects and coordinates thousands of independent logistics participants.

These participants include first-mile pickup agents, local sorting entrepreneurs, small trucking operators, and last-mile delivery partners. Valmo's algorithms dynamically allocate parcels, optimize routing decisions, and balance cost, capacity, and reliability across this fragmented network.

Redesigning the First Mile

In the first mile, Meesho moved away from low-density pickup models. Pickup partners consolidate large volumes of parcels in single collection runs, significantly increasing the number of parcels handled per trip. This batching reduces pickup costs on a per-order basis while preserving flexibility across geographies.

The emphasis is on utilization rather than speed, ensuring that labour and vehicle capacity are maximized during each pickup cycle.

Sorting Without Asset Ownership

Rather than investing in centralized warehouses or fulfilment centres, Meesho enabled local entrepreneurs to operate sorting hubs using underutilized commercial space. These hubs function on commission-based arrangements, converting fixed infrastructure costs into variable costs that scale directly with volume.

This approach allowed rapid geographic expansion without heavy capital expenditure, while also embedding local stakeholders into the logistics ecosystem.

Middle-Mile Optimization: Monetizing Empty Miles

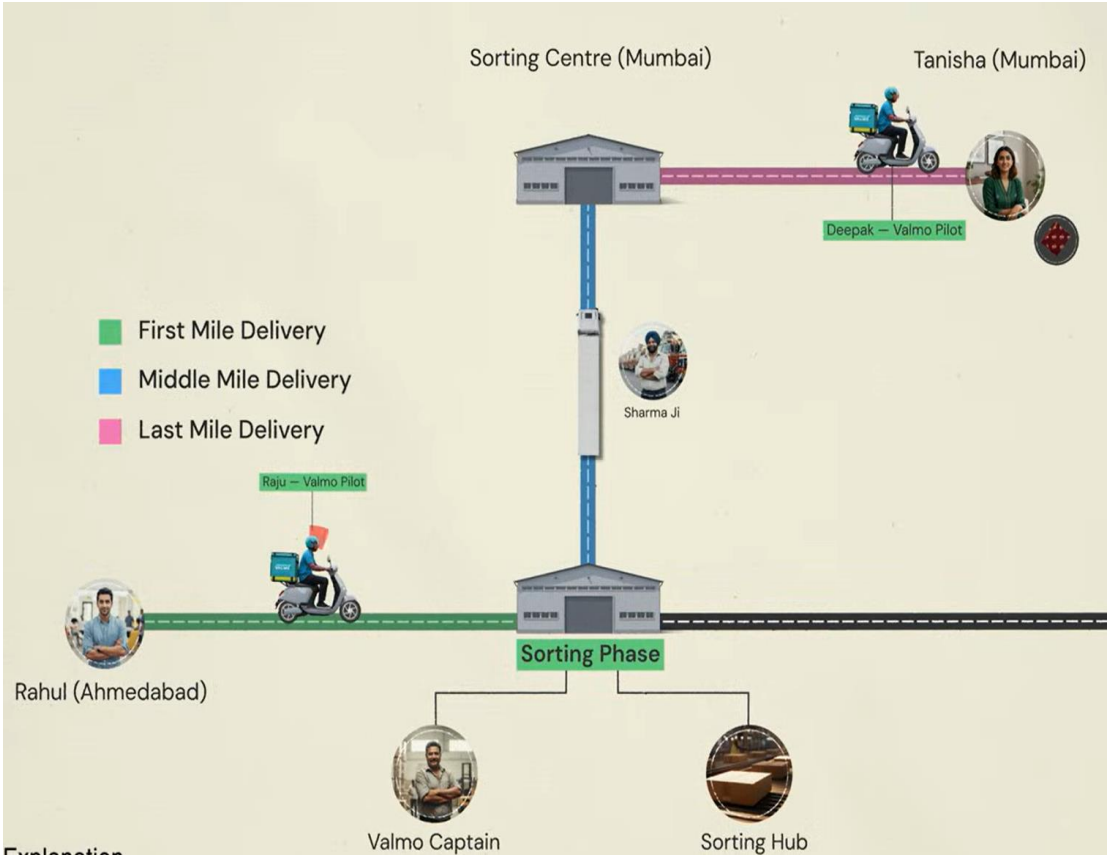
The middle mile delivered the most significant cost advantages. Valmo matches parcels with trucks already scheduled to travel between cities, particularly on return journeys. Because these trucks would otherwise travel empty, Meesho can negotiate transportation rates well below standard market prices.

The deliberate preference for road transport over air freight further compresses costs. Although this increases delivery time, it aligns with customer expectations in the value-commerce segment.

Last-Mile Fulfilment and Network Scale

In the final delivery stage, parcels are routed through regional sorting points and delivered by local partners operating on performance-linked, commission-based models. High drop density in non-metro regions helps maintain low per-order delivery costs.

For complex or low-density routes, Meesho selectively supplements its network with large logistics providers, balancing cost efficiency with service reliability.



Source: https://www.youtube.com/watch?v=X0QmjGzoW98

Consequences of the Logistics Transition

The rollout of Valmo yielded measurable improvements across costs, scale, and financial performance:

1. Logistics Cost Reduction

Meesho reported that Valmo helped reduce its per-order logistics cost by roughly ₹12–₹13, from about ₹50.45 in FY23 to around ₹37.70 by FY26 — a reduction of nearly 25 % relative to previous rates. (The Financial Express)

Early estimates also suggested a 5 % reduction in logistics costs attributable directly to the Valmo platform when it was handling 20–22 % of orders.

2. Scale and Network Expansion

Within about a year of launch, Valmo scaled rapidly, managing around 50 % of all Meesho orders, up from around 22 % the prior year. (Outlook Business)

The network expanded to cover approximately 15,000 pin codes with over 6,000 logistics partners, creating thousands of jobs. (Business Standard)

Valmo's operations helped reduce reliance on large external logistics firms, giving Meesho greater bargaining power and flexibility.

3. Financial Outcomes

As Valmo scaled, Meesho's adjusted losses fell dramatically — for instance, adjusted losses dropped from around ₹1,569 crore to about ₹53 crore between FY23 and FY24. (Outlook Business)

Revenue from operations grew in the same period, highlighting improving unit economics and broader business performance. (Outlook Business)

The logistics transition contributed to achieving operational profitability, a critical milestone before Meesho's IPO and public market entry. (The Financial Express)

4. Broader Industry Impact

Meesho's in-house logistics push has reshaped the Indian logistics landscape, pressuring legacy players and contributing to consolidation in the third-party logistics market. (The Economic Times)

Handling a growing share of delivery internally has provided strategic leverage, enabling Meesho to pass savings to sellers and maintain competitiveness in low-price product segments. (The Financial Express)

Risks and Strategic Trade-offs

Despite its success, the model carries inherent risks. Dependence on numerous independent partners introduces variability in service quality, and thin margins leave limited buffer against fuel price volatility, labour cost increases, or high return rates.

Meesho mitigates these risks through continuous network optimization, dynamic routing, selective use of large logistics providers, and ongoing performance monitoring of partners.

Summary of the Case Study

Prior to developing an in-house logistics strategy, Meesho's fulfilment costs ballooned, sometimes accounting for broadly 25–30 % of the value of low-ticket orders. High costs and dependence on traditional third-party logistics partners constrained profitability, even as

volumes grew rapidly. In response, Meesho invested in Valmo, a software-orchestrated logistics marketplace that initially handled around 20–22 % of shipments and later scaled to cover about half of all orders, across over 15,000 pin codes and 6,000+ partners. This transition helped lower per-order logistics costs significantly, reduce adjusted losses by nearly 97 % in a single year, and improve unit economics to the point of operational profitability. Valmo's expansion also delivered broader ecosystem effects, from job creation to competitive disruption of traditional logistics players. (Business Standard)

Strategic Implications and Conclusion

Meesho's experience demonstrates that logistics design can be a primary source of competitive advantage, particularly in emerging markets characterized by fragmented infrastructure and high price sensitivity. By aligning its logistics architecture with customer economics rather than industry norms, Meesho transformed a structural disadvantage into a defensible strategic position.

The case challenges the assumption that faster delivery is always superior and highlights the importance of cost-aligned service design for mass-market platforms.

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