# Industrial Mobility Solutions *With A Difference*

Greendzine Technologies

## 30% increase in Productivity

### 50% reduction in training cost

### 100% accurate picking

### 80% reduction in picker fatigue
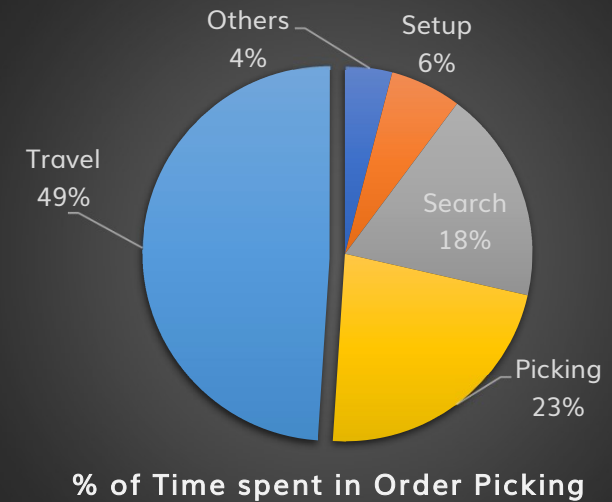
## MOPTro™

The Smart Solution for Smart Warehouses

# MOPTro : The next generation material picking, put-away and retrieval solution

## Major challenges faced in warehouses :

1. Productivity losses
2. Wrong storage/picking
3. Picker attrition
4. Picker fatigue

Others 4%
Setup 6%
Travel 49%
Search 18%
Picking 23%

% of Time spent in Order Picking

**MOPTro EFP**
Error Free Picking

One-stop solution for error-free picking requirements.

**MOPTro SNAIL**
Short Narrow Aisle

Complete picking solution with bi-directional navigation for narrow aisle spaces.
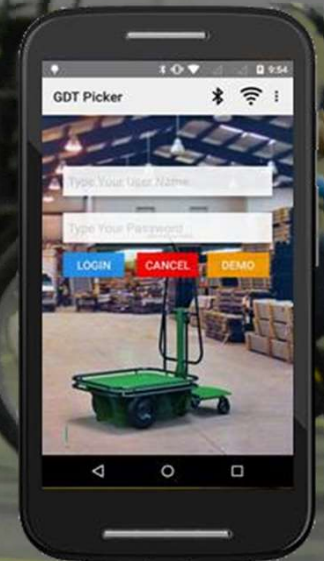
**MOPTro U**
Universal

Multi-purpose vehicle designed for material picking and put-away.

**MOPTro - EFP**

Picking App with Path optimization Algorithm

On-board Scanning solution with Error-free Picking function

Greendzine Technologies Pvt. Ltd

GDT Picker

Type Your User Name
Type Your Password

LOGIN   CANCEL   DEMO

**Greendzine Technologies**

**Case Study : e-commerce grocery picking process**

1. Frequent picking of wrong items leading to loss of time
2. Picker's inability to distinguish similar items
3. Sizeable monetary losses due to the above errors

**Solution offered : MOPTro EFP** with following features

1. On-board scanning system
2. Error-Free Picking mechanism
3. Picking Path optimization algorithm

Mobility

On-Board Scanning

Increased Productivity

Error-Free Picking Module

IoT IOT-Based Diagnostics

**60,000/Month**
Orders processed

**9,00,000**
Items picked

**Zero Picking Errors**

**30% increase in Productivity vs Manual Picking**

**Reduce Picker training cost by 50%**

| Specification | Value |
|---|---|
| Range | Upto 25 Km |
| Speed (Max) | 15 Km/h |
| Payload (Max) | 60 Kg |
| Dimensions | 1.2m x 0.7m x 1.2m |

**MOPTro - SNAIL**

{ Bi-direction motion for quick and easy navigation

{ Inbuilt Android App with Self-diagnostics

![Greendzine Technologies logo]

## Case Study : e-commerce picking process

1. Limited aisle space for navigation
2. Manual picking and transport process
3. Productivity losses due to the above factors

## Solution offered : MOPTro SNAIL with following features

1. Bi-directional motion for easier navigation
2. Self learning for performance optimization
3. Optional on-board scanning solution

Mobility

On-Board Scanning

Increased Productivity

IoT

IOT-Based Diagnostics

**30% Increase** in productivity of the pick-to-pack process

IOT based vehicle diagnostics

Self-learning for optimum performance

| Specification | Value |
|---|---|
| Range | Upto 30 Km |
| Speed (Max) | 15 Km/h |
| Payload (Max) | 60 Kg |
| Dimensions | 1.5m x 0.6m x 1.3m |

**MOPTro - U**

Increased Bin accuracy and fill rate

Designed for picking & put-away process with on-board scanning solution

**Case Study : e-commerce picking and put-away process**

1. Manual picking and transport process
2. Low bin fill rate and bin accuracy
3. Productivity and monetary losses due to the above factors

**Solution offered : MOPTro U with following features**

1. Designed for put-away and picking processes
2. Optional bi-directional motion for easier navigation
3. Optional on-board scanning solution for accurate put-away/picking

Mobility

On-Board Scanning

Increased Productivity

IoT

IOT-Based Diagnostics

**20% Increase** in productivity of the pick-to-pack process

IOT enabled vehicle diagnostics

80% reduction in picker fatigue

| Specification | Value |
|---|---|
| Range | Upto 30 Km |
| Speed (Max) | 15 Km/h |
| Payload (Max) | 60 Kg |
| Dimensions | 1.6m x 0.6m x 1.3m |

Greendzine Technologies

Warehouses

Automotive Industry

Pharmaceutical Industry

Factories

Apparel Industry

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