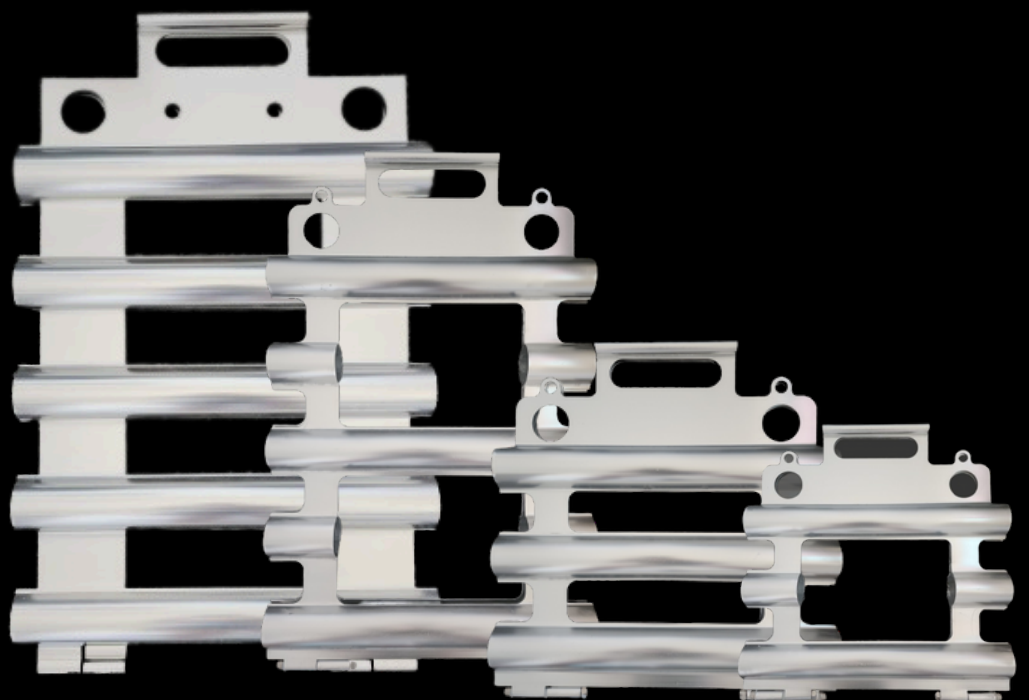




PROPOSAL

LootsSMC
Dubai, UAE



ABOUT US

Meet Reynhard Loots, the inventory.

Reynhard has more than a decade of experience working in the scaffolding industry.

This product was invented for the purpose as described below:



Every product we design will benefit your business in many different ways to improve not only the hours worked, but the cost, shifting as well as storage purposes.

Reynhard Loots
FOUNDER AND OWNER

Lynn-Marie Loots
ADMIN & MARKETING EXECUTIVE



INTRODUCTION

The purpose of this product is to carry and/or lift multiple material in a safe manner.

We want to look at multiple industries who faces similar barriers to invent new products to solve any possible issues.

The same concept of design can be used for :

Scaffolding

Formwork

Plumbing/Piping (PVC) etc.

EXECUTIVE SUMMARY

The purpose of this product is to carry and/or lift multiple material in a safe manner.

- Opportunity: What problem will the business solve?

The purpose of this product is to carry and/or lift multiple material in a safe manner.

- Mission: What problem will the business solve?

The product will provide different production and safety advantages that will benefit the Company and User of the product. LSMC wants to look at multiple industries who faces similar barriers to invent new products to solve any possible issues.

- Solution: How will the service uniquely solve the problem identified?



EXECUTIVE SUMMARY

Production Advantages:

1. Carry up to 3-5 components.
2. Used by multiple men to handle, depending on the maximum allowable carry weight per person (+20 - 25kg per person).
3. Increase productivity and logistics of moving material quicker to allocated areas required.
4. Can be used for rigging and lifting Material.

Easy Storage Method

Safety Advantages:

1. Avoid safety incidents like pinch points and hand injuries as the Material Carry Case is designed to fit between the V-pressings/Rosette of the scaffold Standards or other components like Ledgers and Bracing.
2. Improve ergonomics of employees handling the Material being used and transported.
3. Avoid bumping into employees or property as it is used to guide being transported.
4. Avoid falling objects as it secures material during rigging and vertical lifting.

NOTE:

Scaffold Material 2m or longer must be handled by 2 or more men depending on the maximum allowable carry weight per person (+25kg per person).

The Material Carry Case must be inspected before each use.

Regular maintenance must be done. (Components are easy to remove and store)

·Market focus: What market and ideal customers will the business target?

Construction

Scaffolding

Formwork

Plumbing/Piping (PVC)



MULTIPLE MATERIAL & EQUIPMENT CARRIER

How It Works

The Material Carry Case is opened by placing it on the ground and swinging it open. Tools and/or equipment gets placed into every required sleeve.

The Material Carry Case is closed and connected (bolted down) to secure the tools and/or equipment

Product Advantages

Carry up to 5 components.

Used by multiple men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).

Increase productivity and logistics of moving material quicker to allocated areas required.

Can be used for rigging and lifting of Tools and/or Material.

Easy Storage Method



Safety Advantages

Avoid safety incidents like pinch points and hand injuries as the Material Carry Case is designed to fit between the V-pressings of the scaffold Uprights or other components.

Improve ergonomics of employees handling the Tools and/or Material being used and transported.

Avoid bumping into employees or property as it is used to guide being transported. □ Avoid falling objects as it secures tools and/or equipment during rigging and vertical lifting.



OPTION 1

Pros & Cons

The Material Carry Case is opened by placing it on the ground and swinging it open.

Tools and/or equipment gets placed into every required sleeve.

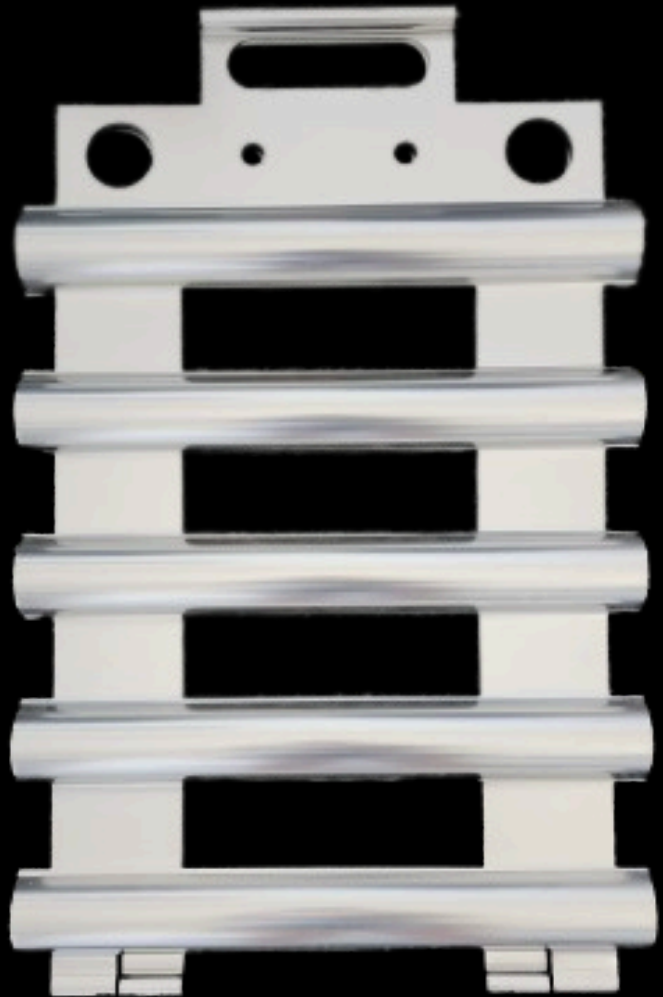
The Material Carry Case is closed and connected (bolted down) to secure the tools and/or equipment

Specification

Carry up to 5 components. Used by multiple men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).

Increase productivity and logistics of moving material quicker to allocated areas required. Can be used for rigging and lifting of Tools and/or Material.

Easy Storage Method



OPTION 2

Pros & Cons

The Material Carry Case is opened by placing it on the ground and swinging it open.

Tools and/or equipment gets placed into every required sleeve.

The Material Carry Case is closed and connected (bolted down) to secure the tools and/or equipment

Specification

Carry up to 5 components.
Weight- 7kgs. Used by multiple men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).

Increase productivity and logistics of moving material quicker to allocated areas required.

Can be used for rigging and lifting of Tools and/or Material.

Easy Storage Method



OPTION 3

Pros & Cons

The Material Carry Case is opened by placing it on the ground and swinging it open.

Tools and/or equipment gets placed into every required sleeve.

The Material Carry Case is closed and connected (bolted down) to secure the tools and/or equipment

Specification

Carry up to 3 components. Weight - 5.3kg. Used by individual men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).

Increase productivity and logistics of moving material quicker to allocated areas required. Can be used for rigging and lifting of Tools and/or Material.

Easy Storage Method



OPTION 4

Pros & Cons

The Material Carry Case is opened by placing it on the ground and swinging it open.

Tools and/or equipment gets placed into every required sleeve.

The Material Carry Case is closed and connected (bolted down) to secure the tools and/or equipment

Specification

Carry up to 3 components. Weight - 4.8kg. Used by individual men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).

Increase productivity and logistics of moving material quicker to allocated areas required. Can be used for rigging and lifting of Tools and/or Material.

Easy Storage Method



PRICING PLAN

Rental	Amount AED
Daily Rate	45.00 +
Monthly Rate (20 - 30 days)	900.00 +

First time orders will cost AED 800.00 per carrier unit that includes manufacturing & shipment directly to your business/site and 1st month free of charge as your business will be covering the above mentioned costs.

Thereafter the cost will be AED30 per day per carrier as per the deliver date



Using this product will solve the following problems in Scaffolding

Construction:

Production Advantages:

1. Carry up to 3-5 components.
2. Used my multiple men to handle, depending on the maximum allowable carry weight per person (+-25kg per person).
3. Increase productivity and logistics of moving material quicker to allocated areas required.
4. Can be used for rigging and lifting of Tools and/or Material.
5. Easy Storage Method

Safety Advantages:

1. Avoid safety incidents like pinch points and hand injuries as the Material Carry Case is designed to fit between the V-pressings/Rosette of the scaffold Uprights or other components like Ledgers and Bracing.
2. Improve ergonomics of employees handling the Tools and/or Material being used and transported.
3. Avoid bumping into employees or property as it is used to guide being transported.
4. Avoid falling objects as it is secures material during rigging and vertical lifting.

The Carry Case will solve a lot of problems and can be used for continuous improvement on sites that face issues like mentioned above.

The Product will improve current methods of shifting Materials in confined spaces and areas where Forklifts or Cranes can't be used.

Combining the use of the Carry Case and Pulleys will result in using less Crew to vertically lift material as the image below:



Proposal of using the Carry Case and Pulley:
This will be in a designated Scaffold Bay for vertical lifting and overhead safety.



This can be applied to any Scaffold structure at different height level.
It will only require 4 men:
2 on top to pull up the material and remove from the Carry case once placed on the Scaffold Platform and
2 at the bottom to secure the Scaffold Material to the Carry Case and the Pulley Hook.
This will result in less Crew manually shifting Material reducing labour Cost and risk of possible injury.

Opportunity:

This product and service will be provided for Scaffolding & Construction Companies who uses Scaffolding and Formwork for all tasks. This can be used for multi-purpose activities by any user. This will create a safe work-environment for the current Construction geography.
LSMC wants to look at multiple industries who faces similar barriers to invent new products to solve current and future issues.





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