



The Ideal Solution to receive any load material from its arrival to the construction site straight to the required floor. A unique engineering combination of lifting hook and U shape arm with self-leveling mechanism. Affordable, Faster, Flexible, Economical, and most important much more secure than any existing solution.

SmartArm

- **SmartArm** - Increase Productivity & Saving
- **SmartArm** - Reduces Labor, expense and time by eliminating the installation and repositioning of external platforms
- **SmartArm** - Easy to use and light to carry. No complicated training of crane operators and workers
- **SmartArm** - Avoids load transfers - material is delivered directly into the structure where needed
- **SmartArm** - Allow to receive any construction load from any location to the required floor in a secure and fast way
- **SmartArm** - Not limited by the size, weight, or shape of the load while using the construction structure to insert the load
- **SmartArm** - Easy to maintain, easy to use and light to carry
- **SmartArm** - reduces time to distribution in the required floor, not affected by the progress of internal construction
- **SmartArm** - reduces the lifting congestion on the crane (Lift bigger loads, no bottleneck)
- **SmartArm** - standard features:
 - Heavy-Duty design, yet it is lightweight and portable.
 - Quick set-up requires no tools
 - Loads easily into a pickup truck



Secure

Reliable

Flexible

Economical

Easy

Smart

Comparison Table

	SmartArm	Portable Deck	Constructed Deck	Load/passenger lift
Human Factor	No risk involve in for the workers. Operated by the crane operator only.	Possible collapse due to mal assembling bad maintenance or technical malfunction		
Positioning	Any location in the construction area	In one place constrained both by structural and engineering requirements	In one place constrained both by structural and engineering requirements	In one place constrained both by structural and engineering requirements
Size and Shape	Restricted by the size of the structure hole	Limited by the size of the console and by the width of the security poles		Limited by the size of the elevator box
Optimal Load course	<ul style="list-style-type: none"> • Unloading from the trailer to the required floor and location • Unloading in the required floor 	<ul style="list-style-type: none"> • From the trailer to the Deck • From the Deck to the floor • spread out in the floor (Hard to maneuver the load when internal wall are already structured 	<ul style="list-style-type: none"> • From the trailer to the Deck • From the Deck to the floor • spreading out in the floor (Hard to maneuver the load when internal wall are already structured 	<ul style="list-style-type: none"> • From the trailer to storage area • From the storage area to the Elevator • From the Elevator to the required floor • Spreading out in the floor • (Hard to maneuver the load when internal wall are already structured)
Point of loading	Straight from the trailer			Double handling, load need to be transported to the elevator
Point of unloading	In the required floor and the required location	In the required floor in a specific location		In the required floor at the elevator door
J.I.T & Bottle necks	Any quantity of load could be placed immediately in the required floor without special adjustments which create bottleneck	Limited to the location of the decks and spreading out the load. In big quantities bottlenecks situations are caused in the reception area.		
Waste disposal	All waste disposal can be placed in big waste tab	Waste must be moved in small quantities through the elevator or reduce its size for waste tubes		
Load – time to location	Big size of load could be lifted saving crane cycles	More lifting cycles due to small loads		Lift time of the elevator is very slow and many lifting cycles are required
Load – floor spreading time	Moving load to more than one location at the floor allowing the right material at the right place	All loads arriving at one location and from there distributed to the required location. Major time consuming when internal walls are built		
ROI	One time cost divided on many project No dependence on the time or the height of the building	Time of use and height of the building	One time investment – long time to assemble and disassemble	Time of use and the height of the building – additional cost for assembling and disassembling
Cost Benefit	Cheap unit can be used at many other locations at the same time	Very expensive not used a lot of the time	Very Cheap and used o the max	Very expensive used for other usages
Product Reliability	Highly Reliable	Highly Reliable Expose to External Damage	Reliability, subjected to Human Errors	Highly Reliable Exposed to external Damage and technical failures
Load Capacity	Ceiling load capacity is know and calculated accordingly	Much less then the structure load capacity. Any excess weight could be fatal		
Working in High altitude	Does not require high altitude working procedure, the load is going in to the construction structure	Requires high altitude loading and unloading till the construction load is brought in the building		Requires high altitude loading and unloading. Requires a person to upload and download the material.