

Bridgent Core Product Guide

Steel Pallets, Stillages, Pallet Boxes, Post Pallets & Custom Carriers

This guide introduces the core product families discussed by Bridgent. It is a **configuration guide**, not a fixed datasheet. Exact dimensions, materials, load statements, finish scope, packing, and availability must be confirmed for the selected project configuration through a controlled drawing and quotation.

1. Heavy-Duty Steel Pallets

A heavy-duty steel pallet is a load platform for industrial goods that move through repeated handling and storage cycles. The project discussion begins with the goods and their contact footprint, then follows the route through floor storage, forklift handling, rack beams, loaded stacks, and transport as applicable.

Typical project inputs

- Goods dimensions, load footprint, local contact points, product protection needs, and permitted overhang
- Deck/support requirement and lower-frame or runner interface
- Forklift type, fork size and spacing, entry direction, and operating clearance
- Separate floor, dynamic handling, racking, loaded-stack, and transport conditions
- Finish exposure, identification, packing, delivery destination, and unloading method

2. Steel Stillages

A steel stillage is a part-specific carrier for goods that need controlled support, containment, orientation, separation, access, or protection. It may use a frame, mesh, panels, dividers, gates, dunnage, locators, and a defined base depending on the actual component and route.

Typical project inputs

- Part drawing or photograph, quantity per carrier, required orientation, and protected/no-contact zones
- Contact pads, dunnage, dividers, pockets, or locating requirements

- Containment and access: open frame, mesh, panels, gate, operator reach, and loading sequence
- Fork entry, storage, stack or rack conditions, empty-return route, and inspection expectations

3. Steel Pallet Boxes

A steel pallet box combines a base with panels or another containment arrangement. The key questions are usable internal space, panel layout, access, fork entry, storage interface, and whether the selected design changes state when empty.

Typical project inputs

- Goods envelope, required clear internal $L \times W \times H$, loading clearance, fill height, and permitted overhang
- Fixed, mesh, removable, fold-down, or open panel arrangement
- Access side, clear opening, hinge/latch or retention requirement, and access while stacked where relevant
- Deployed-to-empty sequence, empty packing state, protection, and destination recovery method

4. Stackable Post Pallets

A stackable post pallet combines a base with removable uprights and an upper stack interface. It is used where a load needs a defined vertical envelope and a distinct empty-return state. The project must define the assembled and return conditions together.

Typical project inputs

- Product envelope, clear internal height, product support and access requirements
- Base, upright, socket, receiver/cup, and stack-interface relationships
- Fork entry and placement clearance with the assembled pallet
- Loaded stack requirement, floor support, any racking request, and post-removal/retention method
- Empty base and post-bundle handling, packing, and reassembly requirements

5. Custom Steel Skids and Material Carriers

A custom steel skid or carrier can follow equipment mounting, part support, lifting, storage, transport restraint, and installation interfaces. It is appropriate where a conventional pallet does not match the product geometry or handling route.

Typical project inputs

- Equipment or part drawing, support/mounting locations, centre of gravity where relevant, and lifting points
- Product protection, transport restraint, fork/crane/hoist access, and installation route
- Static, dynamic, storage, packing, delivery, and destination unloading conditions

6. Drawings and project controls

A useful drawing review should show the configuration identity and revision, usable support or internal envelope, external envelope, fork access, lower-frame and support interfaces, product-contact features, stack or racking relationship where requested, finish scope, marking, inspection points, and packing state.

For industrial steel products, visual product form is only a starting point. A category image is not evidence of an exact capacity, material, section, load statement, finish process, racking approval, stack arrangement, or packing plan. Keep selected configuration documents, operating conditions, and inspection requirements together so that quotations and repeat orders can be compared on the same basis.

7. Start a project discussion

Send the product drawing, photo, or current-unit reference together with the goods, dimensions, product-contact requirements, handling equipment, storage position, support conditions, quantity, finish environment, packing state, and destination information that are currently available.

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