

Flatbed Semi Trailer Specification Sheet

Open deck flatbeds from 6000kg tare with 34000kg payload, and hydraulic self-loading platform trailers up to 53000kg.

20+	Years Manufacturing
40+	Countries Served
60,000+	Trailers Exported
420,000m2	Factory Area
200+	Trailer Models

Factory: Liangshan, Shandong, China. Sales: Huizhan West Road 88, High-tech Zone, Jinan City, Shandong, P.R. China
Email sales@sinoheng.com | WhatsApp +86 186 6378 6580

The Problem This Family Solves

A flatbed earns on payload and versatility. Carrying an extra two tonnes of trailer around for twenty years is two tonnes of cargo you never invoiced.

Core Advantages

- Tare from 6000kg with 34000kg payload inside a 40 tonne gross
- Graduated kingpost plate at 14mm upper, 16mm lower and 8mm middle
- Hydraulic self-loading platform builds that tip containers to 45-60 degrees
- Container twist locking configurable for 20, 40 and 45 foot boxes
- 30/30 brake chambers with WABCO valves and 24V LED lighting

Flatbed Transport Semi-trailer Three axles Hydraulic Flatbed Container Lowbed Heavy Truck Side Tipper Trailer

A three-axle flatbed at 12500*2500*1550mm with a 6000kg tare and a 34000kg payload inside a 40000kg gross, all figures plus or minus 5 percent. A 6 tonne tare on a 12.5 metre flatbed is light, and it comes from the kingpost construction: 14mm upper, 16mm lower and 8mm middle plate at 480mm high, with 90mm x 13mm x 10-piece plate springs. Axles are three FUWA 13T sets on reinforced mechanical suspension, landing gear is FUWA 28T, the kingpin is JOST 50# or 90#, braking uses 30/30 chambers on the rear two axles with a WABCO brake valve, and lighting is 24V LED.

Type	3 axle flat transport semi-trailer Parameter
Dimensions L x W x H	12500*2500*1550mm kingpost Upper 14mm, lower 16mm, middle 8mm, high 480mm plate spring 90mm*13mm*10 pieces
Tare Weight	(kg) 6,000 kg(±5%)
Payload	(kg) 34,000 kg(±5%)
Gross Weight	(kg) 40,000 kg(±5%)
Axle	FUWA 13T, 3 sets
Suspension	enforced mechanical
Landing Gear	FUWA 28T
Kingpin	JOST brand 50#or 90#
Brake System	30/30 type on rear two axles, WABCO brake valve
ABS	Non

Electrical System	24V, LED lamp
-------------------	---------------

Platform Semi-trailer Self Loading Tipping Hydraulic Flatbed Container Heavy Truck Dump Semi Cargo Side Tipper Trailer

A hydraulic platform trailer that tips its own load rather than relying on site plant, at 7000kg tare and 53000kg payload for a 60000kg gross, all plus or minus 5 percent. The hydraulic system tilts a container to between 45 and 60 degrees so bulk cargo slides out under gravity, which turns a flat platform into a self-discharging unit. Axle count is selectable at 2, 3 or 4 in 13T BPW, FUWA or another brand on mechanical suspension. Braking is a WABCO RE 6 relay valve with T30/30 plus T30 spring brake chambers on two 40L air tanks, landing gear is a standard 28 tonne JOST or FUWA, and ABS is optional.

Type	platform semi-trailer Parameter
Tare Weight	(kg) 7,000 kg(±5%)
Payload	(kg) 53,000 kg(±5%)
Gross Weight	(kg) 60,000 kg(±5%)
Axle	13T 2/3/4 pcs, BPW or FUWA etc.
Suspension	Mechanical
Spare Wheel Bracket	1 pieces
Brake System	WABCO RE 6 relay valve; T30/30+T30 Spring brake chamber; Two 40L air tanks
ABS	Optional
Landing Gear	Standard 28Ton, JOST brand or FUWA etc.

Flatbed Semi Trailer Questions

How Light Can a Flatbed Be

Our three-axle flat transport trailer runs at 6000kg tare, giving 34000kg payload within a 40000kg gross.

Can a Flatbed Carry Containers

Yes, with twist locks fitted for the box sizes you handle. It is less efficient than a skeletal chassis for pure container work but far more versatile.

What Is a Self Loading Platform Trailer

A platform with a hydraulic system that tilts a container to 45-60 degrees so bulk cargo slides out under gravity, with no site plant needed.

Flatbed or Lowbed

A flatbed is lighter and better for containers, steel and palletised freight. A lowbed is needed when tall machines have to stay under a height limit.

Is ABS Available

It is optional on the platform builds and can be added to the flat transport trailer on request.