

TAPERLITE



Designed to be different, the Boweld Taperlite is a radical design to improve both tipping performance and truck appearance.

Awarded European design registration, the unique body is tapered internally on all four sides and from front to rear, ensuring the cleanest, fastest and smoothest load tipping action available.

The design of Taperlite increases productivity, extends body lifespan by reducing daily wear and tear while it's modern tapered styling enhances the appearance of any truck chassis.

Taperlite is unique in that it is the only steel tipping body to provide a full 20 tonne payload on the latest generation of OEM chassis.

Additional features include:

- Full underfloor monocoque weight saving design
- Constructed from high yield, high strength, wear resisting steel
- Sloping high strength back posts
- Tapered top side channels
- New tailgate design with wide aperture and double pivot hinges
- Unique bolt-on cab guard with view panel

High payload & performance with style



Model illustrated includes optional items

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... re-inventing the box

TAPERLITE

Taperlite is a new generation of steel tipping body, designed to be different in looks, performance and payload. This unique body has received the accolade of EU design registration and is the only steel tipper body to provide a full 20 tonne payload on current generation OEM Chassis.

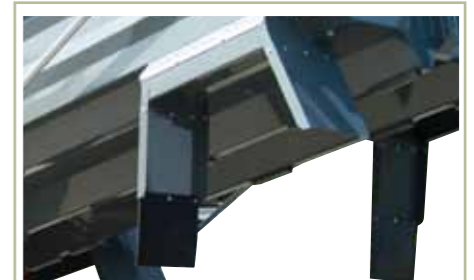
The Taperlite steel tipping body is fully jig built to ensure exacting build tolerances. It is fully seam welded for durability and constructed from the latest advanced high strength and wear resistant steels. These steels have full mill traceability – unusual in the tipper industry but mandatory in aerospace applications where performance is critical. Such attention to detail allows Boweld to provide every Taperlite body with a written THREE year warranty!



The new Autolock tailgate clamp is a simple bolt on apparatus that automatically grabs the tailgate at it's midpoint to ensure it's held tight to the rear post, without the driver having to leave his cab!



Tailgate fitted with hold open stay for easy safe cleaning between tailgate and rear posts.



Full bolt on mudguard fixing system, mudguards are laser cut for high accuracy, which ensures quick and easy replacement if damaged. Fully protected side marker and sheet system wiring run inside the lower pressed side section of body.



Advanced 400HB wear steel one piece floor and side panels taper front to rear to ensure a clean, fast and smooth load tipping action. Outer floor pans are bent up to meet side panels to cradle load and add extra strength to sides and rear posts.



Ultra modern looking tapered sides formed from one piece of advanced 400HB wear steel that enhance the look of any tipper chassis whilst having a large flat area for company logos and sign writing.



Bright zinc plated, fully height adjustable, bolt on rear light cluster mounting brackets ensure that current light regulations can be achieved at all times, complete with integral guard and number plate holder.



The new double pivot tailgate hinges aid tailgate closing, form a large tailgate tip aperture and are designed to cradle the sheet system in a very neat, close fitting arrangement against the tailgate. This prevents damage normally caused by fitting the sheet system on the outside of tailgate.



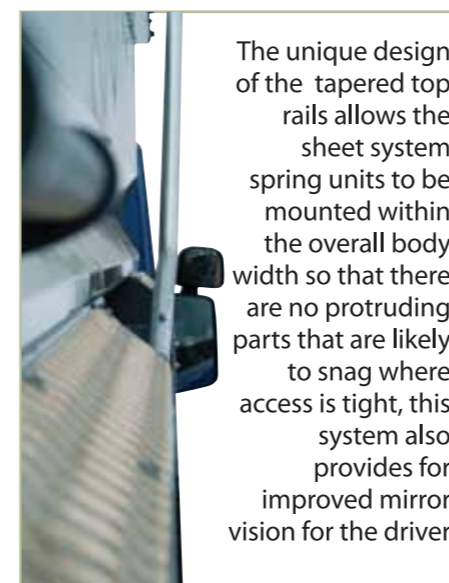
Tapered top rails greatly aid rear post strength. The Tailgate has double pivot hinges with unique machined swivel pins, these have protected grease points to supply grease only to the points of movement, thus eliminating hinge wear and prevents the tailgate from dropping.



High strength, light weight tailgate construction using advanced 400HB wear steel plate and 700MC high yield steel to form tapered uprights, top rail and bottom section. Sloping rear posts add to the overall look of the body and aid tipping action.



The tailgate lock bar assembly is a full bolt on design with the rear cross member ready prepared for the bolt on option of the patented Airclaw cab operated tailgate closing system (shown).



The unique design of the tapered top rails allows the sheet system spring units to be mounted within the overall body width so that there are no protruding parts that are likely to snag where access is tight, this system also provides for improved mirror vision for the driver



The Proguard system stows the sheet externally for full protection. It also has a wide vision panel to enable the driver to clearly see into the body load space from the cab, in common with other Boweld options, it is a fully 'bolt on' design with easy to replace parts available.



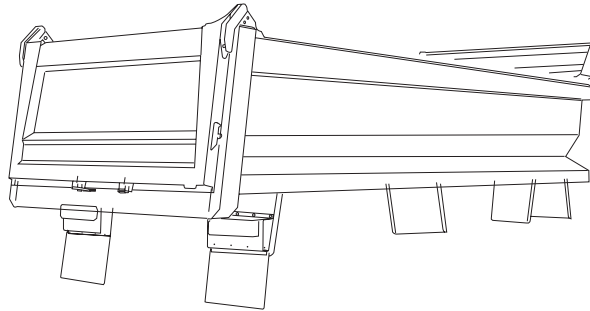
Patented applied for Proguard system which pulls the sheet system crossbar tight to the head board and stows it under an integrally designed protective 'shelf' thus minimising damage while at the same time gaining a fully open load space.

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Construction

- CAD designed monocoque weight saving system
- Radical tapered design on all four internal planes
- Unique 'funnel effect' for easy load discharge
- All sections pressed from high yield, high strength steels
- All floor pans pressed from 400HBW wear plate
- Extra high strength rear cross member
- Extra high strength pressed design back posts
- Tailgate formed from wear resisting steels
- Fully jig built to exacting tolerances
- Fully seam welded after fabrication for maximum strength
- Hydrogen controlled seam welds using MIG/MAG welding process
- All new high strength SureShut tailgate hinges with wide aperture opening



Features

- European design registered
- Completely new and unique tapered body design for easy load discharge
- All internal corners designed to be 'anti stick'
- New wide aperture sure-shut tailgate hinges
- Tailgate hinges fitted with wear reducing grease tech swivel pins
- Unique tapered top side channels provide extra strength back posts
- Top side channels and tailgate top channel formed with 'anti stick' angles
- Full bolt-on mudguard system
- Mudguard and hangers laser cut to guarantee easy retro fit
- Safety hold-open tailgate stay
- Rear light holders made from anti-rust galvanised steel and aluminium
- Easy to clean, paint and sign write sides and tailgate

Options

Body designed and built to accept following options:

- Boweld ProCover sheet system and ProGuard 'high vision' load guard and sheet stowage system (patent applied for).
- Airclaw cab operated tailgate opening system
- Double pivot hinges
- Rear high strength push bar
- Full access ladder
- Autolock tailgate clamp ensures tailgate held tight to the rear post
- Boweld high gloss paint finish

Also available:

- Choice of body heights, choice of tailgate hinges, aluminium side valance capping
- Available as Taperlite HD for extra heavy duty applications with lower payload
- Customers own specifications catered for
- Boweld safety body supports - easy & quick to use, provides a safe working environment when body is empty.

Boweld tipper bodies are purpose designed to utilise a range of high strength, high performance steels, specially selected by Boweld for their strength, durability and wear resistance. All bodies are manufactured in a modern purpose built factory using unique production techniques and in-house designed dedicated body jigs. Boweld bodies are the only steel bodies to be fully seam welded after fabrication; resulting in a maximum strength, fault free high quality product.



Uniquely tapered on all four internal planes and tapered from front to rear to give unrivalled easy load discharge and anti stick properties.



Bolt-on cab guard with view panel.



Full bolt-on mudguard system for easy fit retro replacement. Anti rust rear light holders and LED marker lights.



All new, high strength wide aperture double pivot tailgate hinges with grease tech swivel pins.

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