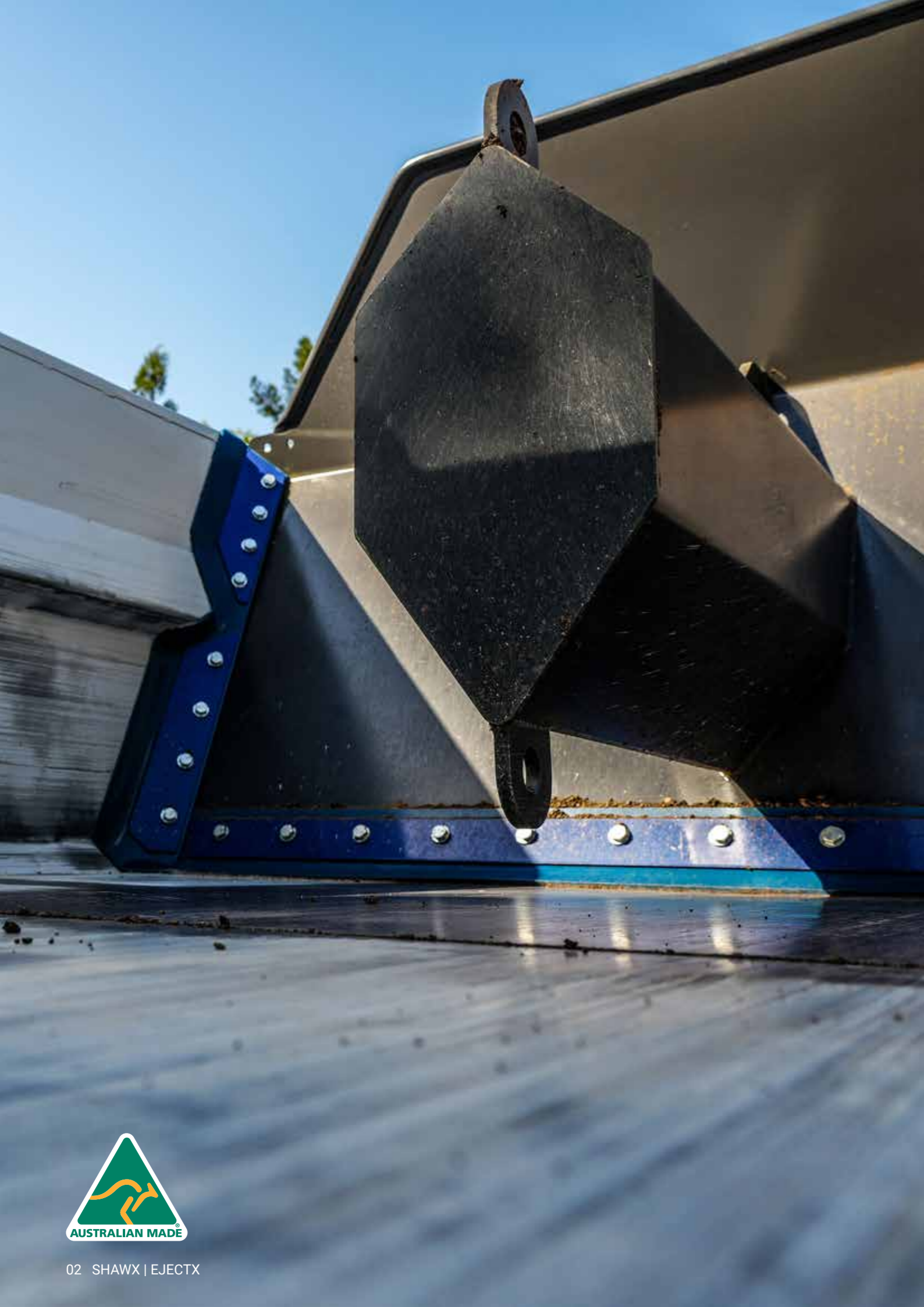


# EJECT

*WHEN SAFETY MATTERS*





## ***CHANGING THE WAY MATERIAL IS MOVED***

***THE EJECTX BODY*** completely changes the way material is moved on site. Our design incorporates a purpose built, double bushed, horizontal, hydraulic ram that pushes a plough through the Bisalloy body, ejecting any material you put in the back. These bodies will push anything from asphalt, profiling's, demolition materials, rock and rubble, right through to hot or cold asphalt.

The tailgate automatically lifts, then the plough moves through the body at either a set speed, or inched through the body for part load ejection, which allows material to flow freely out of the body. This reduces any wear and tear on the tailgate.

With the EjectX, you can place the material you need without any stress as the EjectX easily and efficiently deposits its payload right where you need it, and exactly how you want it, every time!



# BUILT TUFF

**THE PLOUGH** is a laser cut, 80 grade steel design with a 450 grade skin which is trimmed with a high temperature, heavy-duty custom made temperature rated polymer scraper that is fitted to the base and sides of the plough. The scrapers are also fitted on the back side of the plough, so that if any excess material flows towards the headboard then it will be wiped clean through the purpose built outlets in the body. We have designed the EjectX bodies to have these reliefs in the floor close to the headboard with bolt-on alloy guards so that no material can reside in the body after a load has been ejected. The floor is wiped clean both in it's outward and inward stroke.

The EjectX body has engineer designed stabilising ribs, which run along the external of the body as they are an integral part of the design for longevity in the body.

Our design also includes recessed clearance lights in the combing rail of the body for protection.



**THE EJECTX** was designed due to a need for a safer alternative to tipping bodies, while increasing productivity. The EjectX is a heavy-duty, light weight body that is built for any and all material.

## BENEFITS

- ✓ No tipping
- ✓ Reduced operator costs and cycle times
- ✓ Heavy-duty, full Bisalloy body
- ✓ Safer near overhead obstructions
- ✓ Reduced rollover risk
- ✓ Eliminates carry back due to specifically designed scrapers on the plough
- ✓ Greater operating range with the ability to eject on adverse slopes
- ✓ Ability to eject any and all material type including sticky and cold asphalt
- ✓ No restriction of material, suitable for all applications
- ✓ Easy to operate
- ✓ No belts, chains, slats, bearings or hydraulic motors causing costly repairs
- ✓ Low centre of gravity
- ✓ Low side height for loading with Bobcat
- ✓ Allowed on all job sites in Australia

# WHEN SAFETY MATTERS

**THE EJECTX BODY** has been designed and built with safety as the main priority. This body is safe and user friendly, reducing risk of damage to your equipment and also increasing safety on site.

This is possible as we have included safety features such as, a system where the plough cannot be moved unless the tailgate is released. You also do not have the challenges that go along with a conventional tipper.

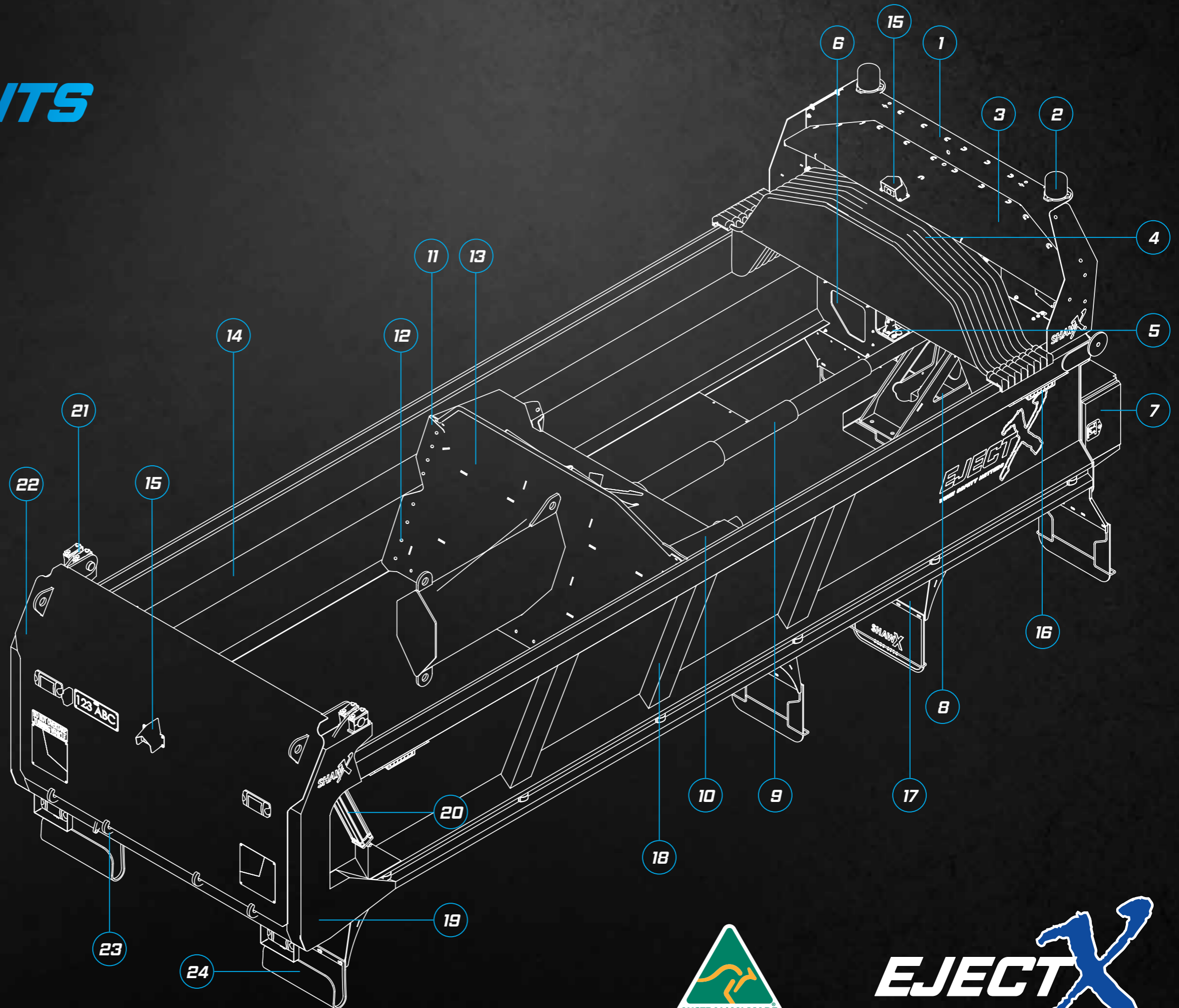
The EjectX comes standard with an in-cab control panel to operate the entire system from the comfort of the driver's seat. The in-cab control panel not only provides the ability to control all functions and operations while viewing your body in real time, but it reduces operator error with the preloaded modes.

The control panel provides valuable information such as hydraulic oil temperature, lights functions, camera views of your load and rear of body, as well as live updates of the body status at any time, including; plough location, tarp positioning, tailgate position and locks. Just to name a few.



# EJECTX COMPONENTS

- 1** Headboard
- 2** Flashing lights
- 3** Aluminium tarp cover
- 4** Hydraulic tank
- 5** Hydraulic valve
- 6** Wash tank
- 7** Toolbox
- 8** Ram mount
- 9** Multi stage plough
- 10** Plough rollers
- 11** Plough scrapers
- 12** Plough scraper retainers
- 13** Plough
- 14** Roller guide
- 15** Cameras
- 16** Side work lights
- 17** Pull out ladder
- 18** Side stiffeners
- 19** Crash box
- 20** Tailgate lift rams
- 21** Tailgate hinge
- 22** Tailgate
- 23** Tailgate locks
- 24** Air actuated fold-up tail lights and mud flaps



# *Frequently asked questions*

## *Does it tip?*

No. The EjectX pushes your material through the tailgate while your body always remains in a stable and horizontal position. This reduces driver error, uncontrolled material displacement, risks of overhead obstructions and un-even ground -all of the safety concerns with tipping bodies.

## *What material can it carry?*

You can put any material in the back including rock, fill, demolition material, concrete and asphalt, hot or cold.

## *What size does it come in?*

We custom build each body to suit your truck anywhere from 5m – 7.6m.

## *Tare weight?*

A 7.6m body (our most popular size) = approximately 4.4 tonnes. Including ram and hydraulic oil.

## *Cubic capacity?*

A 7.6m body (our most popular size) = 15.5 cubic metres max.

## *What maintenance is required?*

The scraper around the plough is a consumable part and will need replacing approximately every 6 – 12 months (depending on the conditions), and periodic plough roller adjustments (no cost involved). Otherwise, there is very little maintenance required.

## *Maintenance costs?*

6-12 month scraper replacement. This can be fitted by ShawX or, posted to you for convenient at-home fitting.

## *Is cleaning required?*

Yes, however not a lot. When cleaning is required, the plough is easily accessible as it protrudes through the rear of the body. There is also a specific cleaning mode to make things easier. However, cleaning is not always required after every load.

## *Can I put an EjectX on my existing truck?*

Yes you can. We custom build the EjectX to suit any truck.

## *Can my standard tipper body be converted to your EjectX system?*

No it cannot. Our bodies are built from the ground up and are a fully engineered design with gussets and stiffeners in the correct position to take the forces applied.

## *Will tail lights and tailgate get damaged when unloading into a paver?*

No. The tailgate automatically lifts up and out of the way, prior to unloading. The tail lights and mudflaps also retract and fold up, well out of the way, when the tailgate dogs unlock.

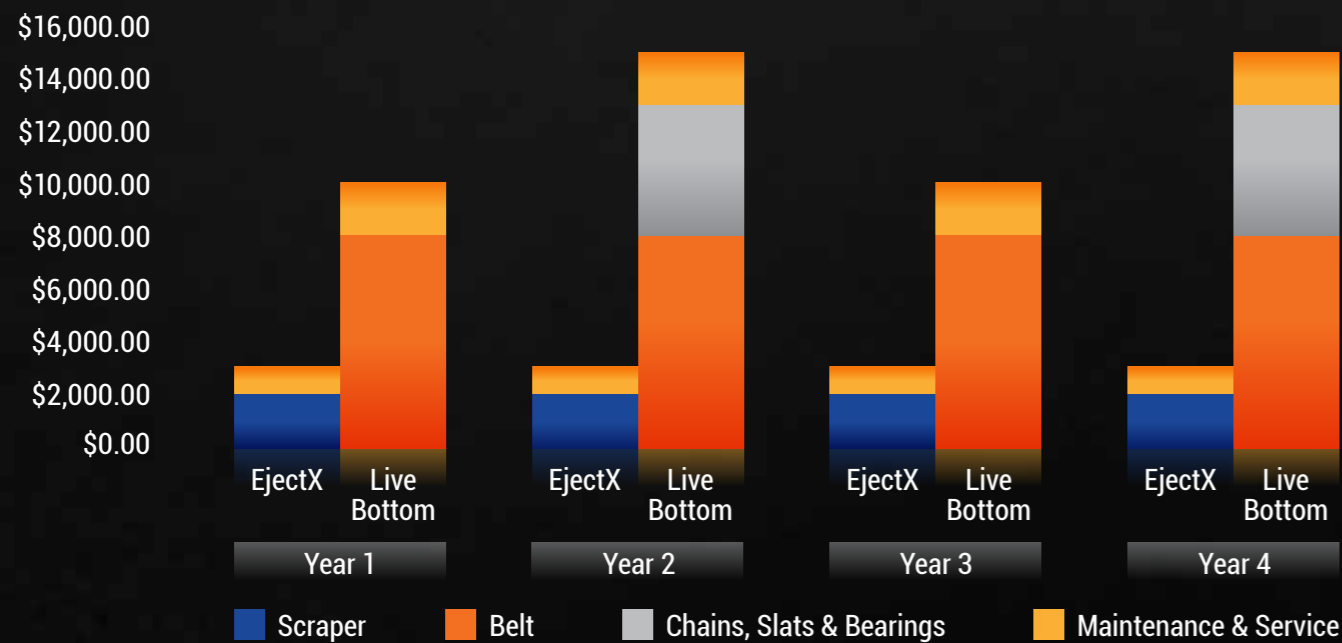
## *Why an EjectX over a walking floor / live bottom?*

See benefits on the following page.

## Benefits over live bottom trailer

- ✓ Lower repairs and maintenance costs
- ✓ Lower sides – used for clean up
- ✓ Ability to eject any and all material
- ✓ Clean body after ejecting load
- ✓ Less obtrusive parts to be hit and damaged
- ✓ Reduced cross contamination of material due to self cleaning mode
- ✓ Can eject cold and sticky asphalt, along with large rock and demolition debris
- ✓ Less moving parts and a less complex system = less to go wrong
- ✓ No belts, slats, chains, bearings or hydraulic motors
- ✓ Lower centre of gravity
- ✓ Controlled material displacement
- ✓ No carry-back due to plough scrapers and floor outlets

### Maintenance cost comparison\*



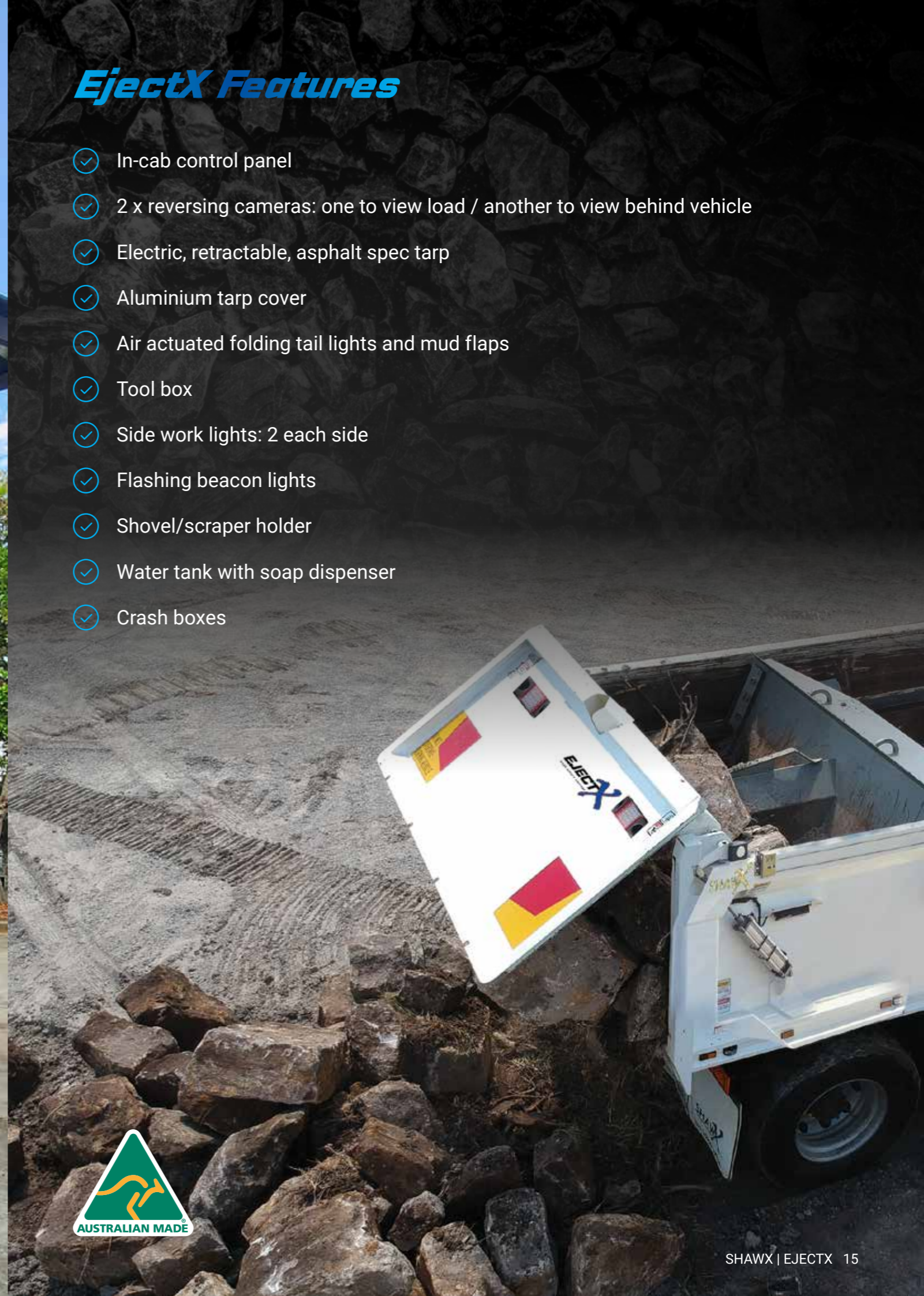
\*Values are an estimate only based on information provided by owners of both types of bodies.



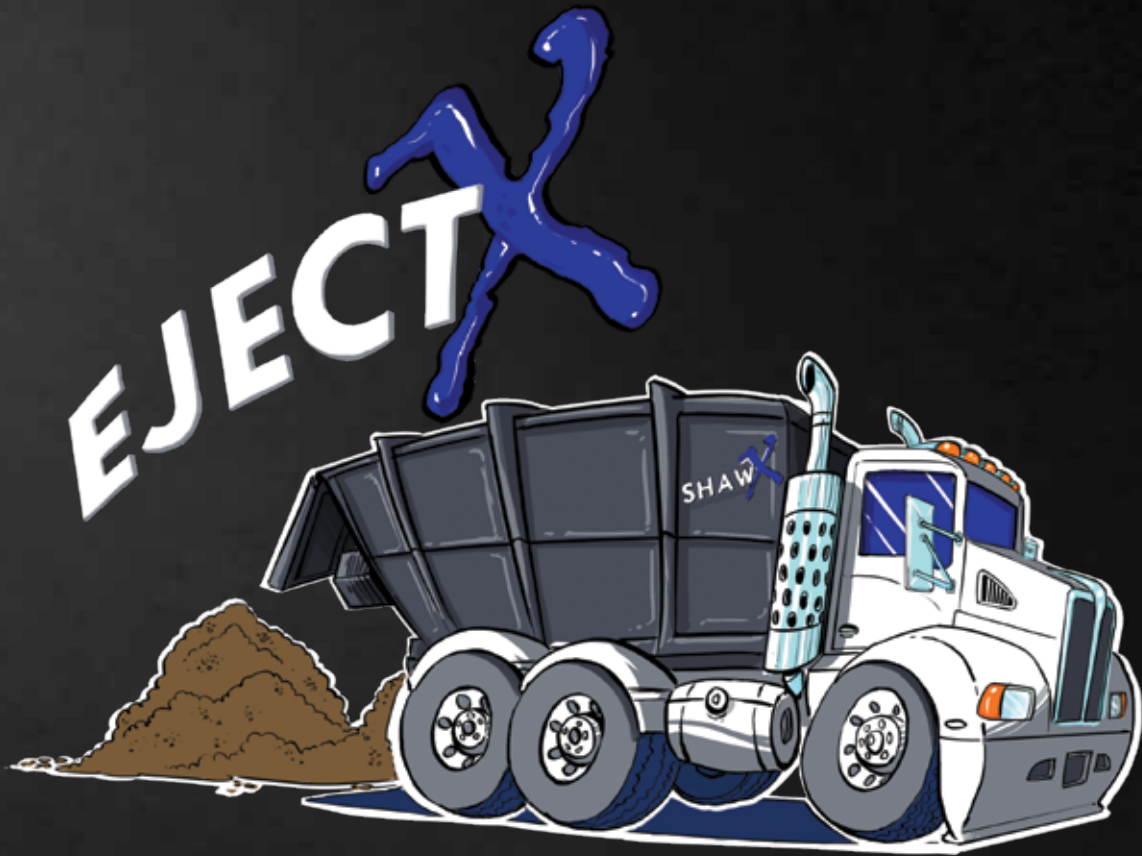


## *EjectX Features*

- ✓ In-cab control panel
- ✓ 2 x reversing cameras: one to view load / another to view behind vehicle
- ✓ Electric, retractable, asphalt spec tarp
- ✓ Aluminium tarp cover
- ✓ Air actuated folding tail lights and mud flaps
- ✓ Tool box
- ✓ Side work lights: 2 each side
- ✓ Flashing beacon lights
- ✓ Shovel/scrapper holder
- ✓ Water tank with soap dispenser
- ✓ Crash boxes







ShawX is proudly Australian owned.  
Earthmoving innovation at its finest.  
Built strong for all conditions.



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