

# Smart Plunger™ Universal

plunging solution for closed-top tanks

Australian patent application PR7345

## What does the Smart Plunger™ Universal do?

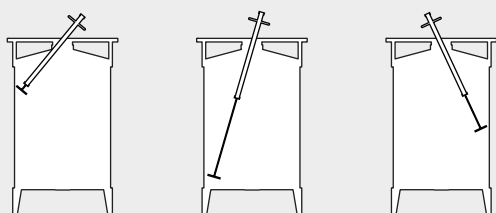
Do you want to enhance the quality of your red wine? The Smart Plunger™ Universal enables gentle semi-automatic plunging of red wine ferments in your closed-top tanks. It is suitable for large and small wineries alike.

## Six main reasons why your company should consider purchasing the Smart Plunger™ Universal

- Increases the quality potential of your red wines
- Saves on capital expenditure (can replace open-top or rotary fermenters and saves space)
- Minimises OH&S risk associated with traditional, manual plunging
- Enables plunging in closed-top tanks
- Plunge from 1 to 20 tonnes per tank (or larger with some modification)
- One Smart Plunger™ Universal can service multiple tanks
- Enhances multi-purpose tank usage

## How does the Smart Plunger™ work?

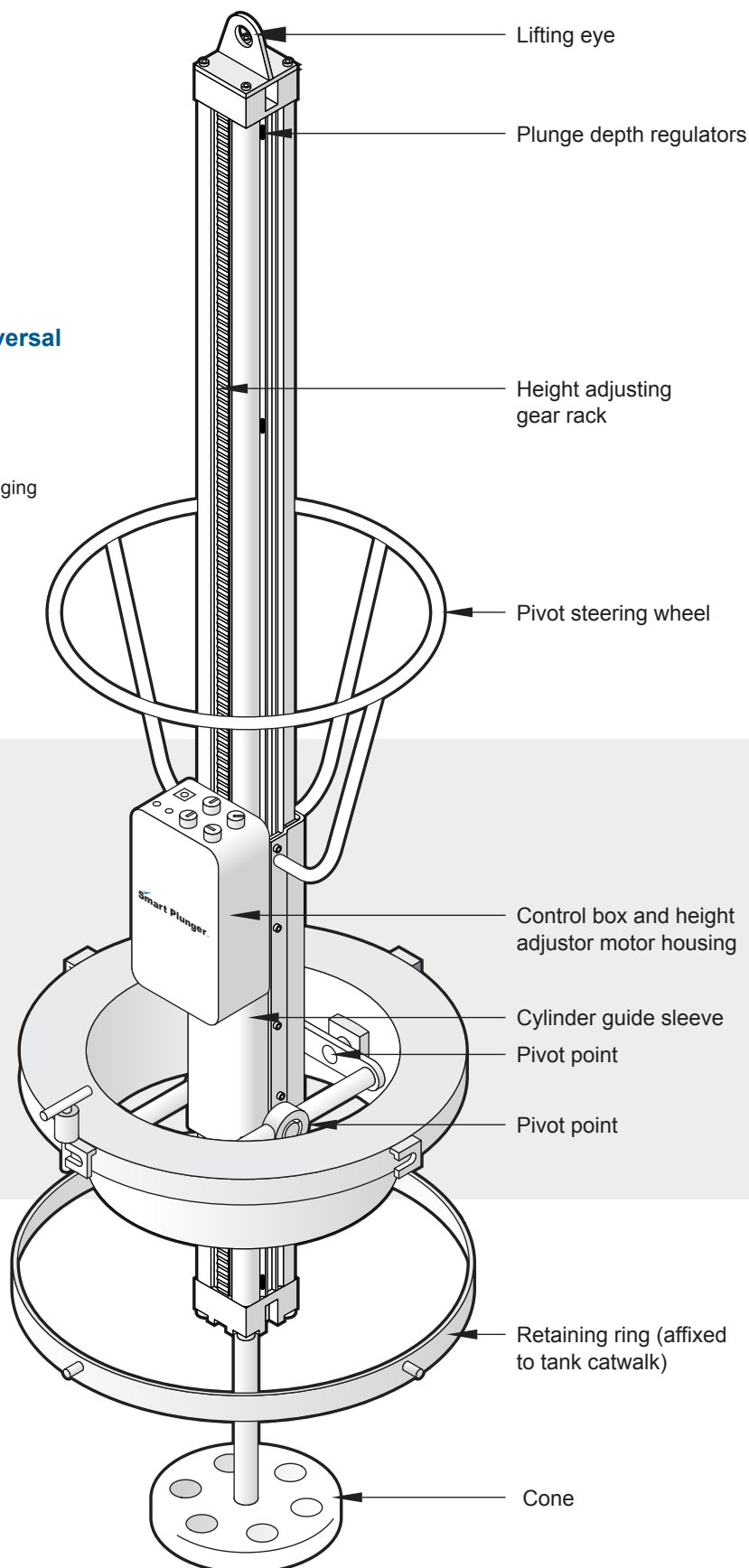
The Smart Plunger™ Universal features multi-direction operation horizontally and vertically to access any part of the tank interior.



## Our mission statement

"Solutions in Stainless will provide wine makers all over the world with practical and cost-effective innovations to assist in the production of quality wine:"

*Please note the model illustrated is subject to continued development and improvement and may differ in some respects to the current model.*



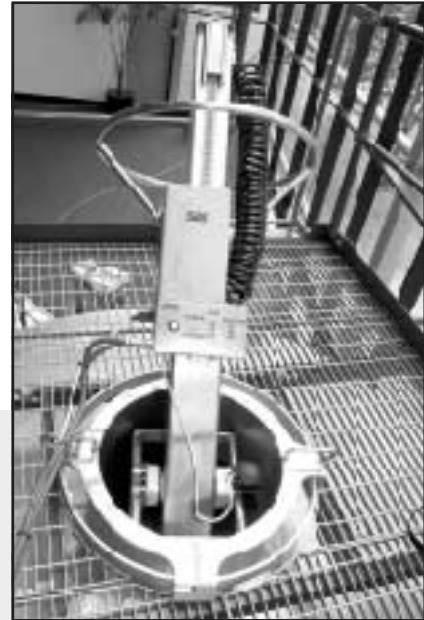
## Simple Operation

The Smart Plunger™ Universal uses a pneumatic air cylinder to push and pull the plunger head through the layer of skins floating at the top of a red wine ferment. The plunging action is controlled with a switch.

To access ferments at differing levels inside the tank, both the operation depth of the plunging head and the stroke of the air cylinder are adjustable. This also allows the unit to function with different tank sizes.

## System Requirements

- Compressed air supply (90 PSI)
- 240v power supply (reduced to 24v by supplied inverter)
- Plunger transport system if movement from tank to tank is required (a system can be installed to your requirements)



*The Smart Plunger™ Universal showing the controls and the method of affixing to catwalk*



*One Smart Plunger™ Universal unit can plunge multiple tanks.*


## Installs almost anywhere


The Smart Plunger™ Universal requires surprisingly simple modifications to an existing processing installation. Only one Smart Plunger™ Universal is required to service one or several tanks. The plunger is transported from tank to tank using a simple overhead rail or a trolley system.


We encourage you to contact us using the details below to discuss how the Smart Plunger™ Universal can be best utilised in your winery. We are also very happy to answer any questions you may have.




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