

Smart Pit™

The Smart Pit is the largest of the Smartstream Technology product line, with a riser section diameter of 600mm.

The Smart Pit is the largest of the Smartstream Technology product line, with a riser section diameter of 600mm. The lower half of the body geometry is the same as the Poo Pit™ but the upper half of the body expands outwards to connect to the 100% polyethylene construction riser section. There is an integrated standing platform inside the body cavity that allows personnel to safely stand above the sewer flow during confined entry events.

In addition to offering the major benefit of corrosion resistant PE material, the Smart Pit™ shares an extensive range of key features, which include; accommodating for inlets at any grade and angle, connections possible in base and/or riser, accommodating pipes of all material types, fast installation for retrofit and replacement projects, 100% watertight, lightweight user friendly, with reduced transport and handling costs. Additionally, the Smart Pit™ offers easy connection of new lines.

Based on your project specifications, the Smart Pit™ can achieve the exact angle and grade to suit the design or retrofit location and can be supplied with multiple inlets in the base or riser. Supplied to site fully welded with all connections pre made, reducing installation, handling and transports costs.

Each Smart Pit™ is supplied fitted with a high visibility yellow safety bench providing a consistent 200mm non slip self- draining platform eliminating the need for post installation benching on site.

STANDARDS

WSA 137:2019 Version 3.3
Industry standard for Uplasticised poly(vinyl chloride) (PVC-U), polypropylene (PP) and Polyethylene (PE) maintenance shafts, maintenance chambers and maintenance holes for sewerage

QUALITY

ISO 9001:2015 Quality Management Systems



FEATURES & BENEFITS

The Smart Pit™ is an Australian designed, produced and manufactured Polyethylene (PE) Manhole using Finite Element Analysis. The unit's physical properties have been proven in service in various installation scenarios.

- ▶ Certified to WSA 137 2019
- ▶ 100,000+ products in service
- ▶ Accommodates any grade and angle
- ▶ No horizontal/vertical alignment adjusting bends needed
- ▶ Up to 3 inlets possible in each Smart Pit™
- ▶ Accommodates pipes of all material types
- ▶ No internal or external coatings required
- ▶ Suitable for welded connection to Polyethylene pipes
- ▶ Made to suit either solvent weld or rubber ring PVC
- ▶ Multiple pipe material connections possible on the same pit
- ▶ All fittings prefabricated prior to delivery
- ▶ 100% watertight. Every product tested
- ▶ Lightweight and user friendly
- ▶ Corrosion resistant (internal/external)
- ▶ Reduced transport and handling costs
- ▶ Rapid delivery over traditional materials
- ▶ Improved efficiencies providing cost benefits to the end user
- ▶ UV resistant, state-of-the art Polyethylene technology
- ▶ No concrete encasement required
- ▶ Eliminates confined space entry
- ▶ Accommodates traditional and the latest inspection methods
- ▶ No variation to design or installation practices required
- ▶ Easy connection of new lines
- ▶ Reduced excavation size
- ▶ No onsite welding or spark testing require

