

**HUMES**

**HUSH Pit**



**Humes Stormwater High-capacity Pit**

# Humes Stormwater High-capacity Pit

Humes Stormwater High-capacity Pit has a specialised design for New Zealand conditions, offering several unique features and benefits. The HUSH Pit is ideal for applications that require a higher flow rate capacity. Stormwater is captured through two roadside grates and two large back entry inlets under the kerb. With a total weight of 3550kg, small excavators can handle the HUSH Pit and the compact footprint makes installation easy. There is no deviation of base course, tar-seal or services required. The correct surface angles incorporated into the kerb entry design, saves time and eliminates the risk of irregularities from hand trowelling. Complies with NZS4404:2010 and is suitable for HN-HO-72 loadings.

## Applications

- High flow areas
- Roadways
- Motorways
- Tight horizontal and vertical curvatures
- Narrow property frontages

Item No.	Product	Length (mm)	Width (mm)	Height (mm)	Mass (kg)
05306	HUSH Pit Kerb Entry	2780	935	447	1050
05305	HUSH Pit Sump	2440	915	1170	2500

HUSH Pit Theoretical Capacity (ltr/sec)								
Actual Flow		Allowable gutter flow			Maximum gutter flow			
Grate	Kerb opening	Total theoretical	Design*	Grate	Kerb opening	Total theoretical	Design*	450mm Pipe
298	262	560	411	337	272	609	441	400

\*Based on 50% clogging of the grates

## Key features & benefits

- **High inlet capacity** of 400ltr/sec – 600ltr/sec
- **Superior value** lower cost for high performance
- **Easy installation**  
Can be handled on site by standard equipment  
No need for expensive crane hire  
No in situ concrete or hand work
- **Saves time on the job**  
Installed in-line with the kerb and channel  
No deviation of services, base course or tar-seal required
- **Consistent finish made to NZS 3109:1997**  
No messing around with surface angles, just a level base required
- **Flexible capacity**  
Easy adaption for multiple pit installation  
Double the capacity with adjoining units
- **Safer for cyclists**  
AS3996 standards marked flat ductile iron grates are easier and safer for cyclists to ride over
- **Theft resistant** grate locking system
- **No galvanized parts**
- **Can be fitted with Gross Pollutant Trap**



For further information or advice freephone  
0800 502 112 or visit [www.humes.co.nz](http://www.humes.co.nz)

Buyers and users of the products described in this brochure must make their own assessment of the suitability and appropriateness of the products for their particular use and the conditions in which they will be used. All queries regarding product suitability, purpose or installation should be directed to the nearest Humes Sales Centre for service and assistance. Fletcher Concrete and Infrastructure Limited 2008. Printed 04/12.

