

HUMES

Concrete Chambers

May 2025



Reinforced concrete telco pits
& jointing chambers for footpath
and roadway applications

0800 502 112
www.humes.co.nz

Telco and Electrical Access Concrete Chambers

Humes manufacture a range of reinforced concrete chambers for use in many applications. Available as one-piece pre-cast units and pre-cast panel assemblies, Humes concrete chambers have Chorus Network Specified Product (CNSP) approval for installation into Chorus NZ networks.

Applications

- Telecommunications access chambers
- Electrical access chambers
- Railway signalling networks
- Valve chambers
- General access chambers

Construction

- Precast panel units and one piece assemblies
- Steel reinforced lids and chambers
- Manufactured to Precast Standard NZS 3109:1997
- Fitted with external lifting anchors for easy onsite handling

Key Features & Benefits

- CNSP (Chorus Network Specified Product) for installation into Chorus NZ networks
- Available for both footway and roadway load requirements
- A range of covers for all sizes and loadings
- Chambers can be custom manufactured for specialist applications, sizes and soft spot locations
- Suitable for concrete, cast iron and aluminium lids
- Panel construction pits are quick and easy to assemble and install
- Composite and Aluminium / Iron cover sets meet AS3996:2006
- Reducer lid (Item code: 80091727) also available



Footway and Roadway Chambers

Footway (only)

Item Code	Item Name	Load Rating	Nominal Dimensions span x h x d (mm)	Details	Unit Weight	Total Weight* (Pit + Cover)	External Dimensions* span x h x d (mm)
80091775	Telecom Turning Pit Pathway 550 (1 piece)	2.5kPa	550 x 550 x 590	1 Piece	180 kg		630 x 630 x 630
80085112	Path Access Cover Set - Composite	Class B	600 x 600 x d		24 kg	204 kg	
80083454	Path Access Cover Set - Aluminium	Class B	601 x 600 x d	80kN	24 kg	204 kg	
80091779	Inspection Pit Pathway 1200 (panel set)	2.5kPa	1220 x 550 x 550	5 Piece	640 kg		1,370 x 700 x 625
80085114	Path Access Cover Set - Composite	Class B	1,200 x 600 x d		39 kg	679 kg	
80083453	Path Access Cover Set - Aluminium	Class B	1,200 x 600 x d	80kN	46 kg	686 kg	
80091734	Inspection Pit Pathway 1200 (panel set)	2.5kPa	1220 x 550 x 900	5 Piece	825 kg		1,370 x 70 x 975
80085114	Path Access Cover Set - Composite	Class B	1,200 x 600 x d		39 kg	864 kg	
80083453	Path Access Cover Set - Aluminium	Class B	1,200 x 600 x d	80kN	46 kg	871 kg	

*Weight and external dimensions include concrete reducer lid.

Note: Must select either composite **or** Aluminium cover set when specifying and ordering Chamber.

Roadway

Item Code	Item Name	Load Rating	Nominal Dimensions span x h x d (mm)	Details	Unit Weight	Total Weight * (Pit + Cover)	External Dimensions* span x h x d (mm)
80091783	Telecom Turning Pit Roadway 550 HD	0.85 HN	550 x 550 x 600		350kg		700 x 700 x 675
80082556	Cover + Frame 2 Part Infill - Ductile Iron	AS3996 Class D	600 x 600 x d		150kg	500kg	
80083658	Road Access Cover Set - Aluminium	AS3996 Class D	600 x 600 x d	210kN	36kg	386kg	
80091730	Inspection Pit Roadway 1200	0.85 HN	1,200 x 900 x 1,200		2,057kg		1,400 x 1,100 x 1,300
80083835	Road Access Cover Set - Aluminium	AS3996 Class D	1,200 x 600 x d	210kN	68kg	2,615kg	
80091727	Concrete Reducer Lid HD	AS3996 Class D	1,200 x 600 x 200	Lid	490kg	2,547kg	1,400 x 1,100 x 200
80091803	Inspection Pit Roadway 1200	0.85 HN	1,220 x 550 x 550	3 Piece	750kg		1,370 x 750 x 650
80082558	Cover + Frame 2 Part Infill - Ductile Iron	AS3996 Class D	1,270 x 600 x d	H/Stock	10kg	760kg	
80083835	Road Access Cover Set - Aluminium	AS3996 Class D	1,200 x 600 x d	210kN	68kg	818kg	
80091786	Inspection Pit Roadway 1200	0.85 HN	1,220 x 550 x 900	5 Piece	1,050kg		1,370 x 750 x 1,000
80082558	Cover + Frame 2 Part Infill - Ductile Iron	AS3996 Class D	1,270 x 600 x d	H/Stock	10kg	1,060kg	
80083835	Road Access Cover Set - Aluminium	AS3996 Class D	1,200 x 600 x d	210kN	68kg	1,118kg	
80091732	Inspection Pit + Lid Roadway 2050	0.85 HN	2,050 x 1,200 x 1,200	6 Piece	3,600kg		2,250 x 1,425 x 1,450
80083660	Road Access Cover Set - Aluminium	AS3996 Class D	1,200 x 1,200 x d	210kN	128kg	3,728kg	
80091736	Inspection Pit + Lid Roadway 2700	0.85 HN	2,700 x 1,400 x 1,400	6 Piece	7,183kg		2,900 x 1,700 x 1,700
80083660	Road Access Cover Set - Aluminium	AS3996 Class D	1,200 x 1,200 x d	210kN	128kg	7,311	

*Weight and external dimensions include concrete reducer lid.

Note: Must select either Ductile Iron **or** Aluminium cover set when specifying and ordering Chamber.

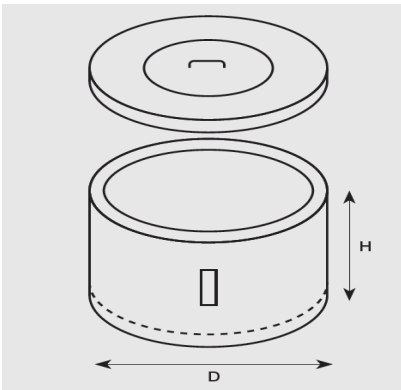
For further technical details or advice free phone 0800 502 112 or visit www.humes.co.nz

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.
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Rural Chambers

Specific for rural installations, these round pulling pits are quickly and easily installed off the road. Standard concrete lids can be supplied.



Non-trafficable / off-road								
Item Code	Item Name	Unit Height (mm)	Unit Weight	Total Weight	Nominal Diameter (mm)	Nominal Heigh (mm)	Wall thick-ness (mm)	Swiftlifts
80087900	Lid + Manhole Insert 1050	100	280 kg	848 kg	1,050	100	100	3.0 t
80090862	Telecom Chamber + Int Base 1050	535	568 kg		1,050	600	35.5	2.0 t

Cover Sets

Humes offer a full range of cover sets for all our concrete chambers. These are all Standards Marked to AS3996:2006, Class B for footway applications and Class D for roadway applications. Security bolts are available.



Associated products

Humes stock a wide range of products to complete your network infrastructure projects:

- Plastic access chambers: Humes modular and Channel brands
- Ducting – Polyethylene and PVC
- Fittings – Electrofusion and PVC
- Humebond Epoxy
- Warning Tapes
- Precast Cabinet Bases



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