

# HDPE DRAINAGE SYSTEMS



End to End PE Solutions



**MATRIX**  
PIPING SYSTEMS

# DRAINAGE SYSTEMS

## Sewer | Trade Waste

Stocking a complete HDPE Drainage system, we have the answer to all your Trade Waste & Sewerage applications.

### Product Range

Our sizes range from 50 – 315mm and include HDPE drainpipe in 5 metre lengths, welding sleeves, swept bends, 88.50 branches, Y-branches, reducers (LIT), screwed access tees (IO), junctions, 4 way risers, ring seal sockets, expansion sockets, stop ends & caps, silt traps, floor grates, adaptors to other materials, floor waste gully traps (DT), palazzi traps & threaded adaptors. Drainage welders are also available for purchase or hire.

### Advantages:

- Complete size range of swept bends
- Auto electrofusion jointing technology
- Quality European manufacturer
- Self cleaning bore surface
- Resistance to temperatures up to 100°C
- Suitable for poor ground conditions
- Resistance to UV rays
- Lightweight for easy transportation
- No toxic gas emissions in presence of fire
- Environmentally friendly – fully recyclable

### Suitable Applications:

- Syphonic Roof Drainage
- Sewer Rehabilitation
- Green Star – rated building sites
- High watertable conditions
- External sewer & vents
- Highly reactive soils
- Aggressive fluids in laboratories & corrosive waste
- In-slab plumbing/post tensioned concrete slabs
- Trade waste – Commercial kitchens, hospitals & Industrial processing plants



AS/NZS 4401:2006 Lic: 000230  
AS/NZS 5065:2005 Lic: 021999

## HDPE Benefits

The benefits of HDPE pipe are numerous, here are just a few way HDPE makes life easier.

- HDPE piping is semi rigid, without being brittle, and thus resists cracking.
- No need for concrete thrust blocking since HDPE piping, when welded, is end-thrust retaining.
- Clean welding (no concrete, no messy smelly glues, no welding fumes, no hot flames)
- HDPE pipes have the lowest friction properties, of most common pipes, meaning no blockages.
- No more intruding tree roots to remove due to a welded joint, rather than a push fit or ring seal joint, there is no access point for tree roots.
- No more corroded or fouled up pipes as HDPE piping is resistant to corrosion, abrasion and biological deposits.
- Reduced project costs due to both faster installation, reduced trenching costs and reduced raw material costs.



## Why Matrix?

Complete Poly Piping solutions — that's the Matrix Piping Systems promise. We take poly piping expertise beyond mere products to encompass every aspect of the poly pipe installation requirements. Your full Matrix experience encompasses genuine and candid technical advice, quality-assured products and total service capability.

For a full range of products visit [matrixpiping.com.au](http://matrixpiping.com.au) and download our specifications brochure.

# EQUIPMENT HIRE AND SALES

Matrix Piping Systems not only offers complete polyethylene piping systems but the tooling & equipment required to put it all together. Electrofusion & Butt Welding machines along with rotary pipe scrapers, clamping equipment and more are available for purchase or hire.

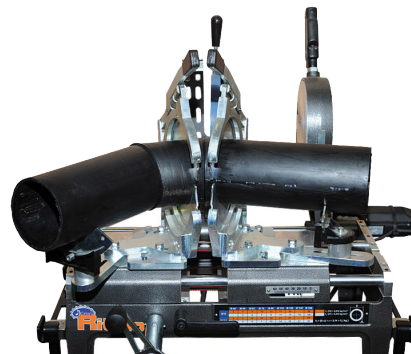
## Drainage Electrofusion Welders

- Ritmo European quality
- Auto recognition of fittings
- Memory with 350 welding reports
- Self-compensation of the current supplied (according to the ambient temperature)
- Firmware upgradable via USB



## Drainage Butt Welders

- Extractable heating plate
- Safety microswitches on milling cutter
- Spring-loaded pressure-regulating device
- Rapid-lock clamps
- Tip-up metal frame on wheels



## Accessories

- ALIGNER ECO 63 – 180 is an essential and professional tool for the alignment and support of pipes during electrofusion from Ø 63 mm to 180 mm.
- Pipe Scrapers RTC 160 - 315 for fast and accurate preparation, options from 20-1200mm.
- Pipe Rollers
- Turbo Scrapers



YOUR AUTHORISED DISTRIBUTOR



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