



RENTALS

What you need. When you need it.

Systems
Injection
Power
Subsea
Measurement
Hydraulic Tooling and Lifting
Accessories



WELCOME TO TRIDENT

Thank you for considering us for your next rental project.

We have a very large stock of rental equipment and it is all serviced, calibrated and ready to go when you need it.

Our team of engineers and customer support staff are here to help you ensure your project runs smoothly. We have a thorough understanding of our equipment and we will work with you to understand your application. We can offer a number of extra services including but not limited to the following.

- Review schematics and technical procedures
- Write custom procedures and operator's manuals specific to your job
- Custom mobilization scopes to have the equipment flushed and pressure tested using your operation fluid, meaning it lands on your site ready for you to start work, saving you and your technicians crucial time.
- Full documentation packs, both hard and soft copies will be supplied with the job.
- Trident Australia also have technicians available to operate and assist with set up of all our equipment.
- For any large projects we can offer in house training for your technicians.
- Supply spare parts with your rental.

This brochure gives a sample of what we have available in our rental fleet. If what you require isn't listed, ask us! We are constantly building or buying more equipment and are keen to make sure we have **"What you need. When you need it"**

Please contact our rental team on +61 8 9456 1300 or email rentals@tridentaustralia.com.au

PRESSURE TESTING UNITS

We have a large range of pressure test units manufactured by Trident from quality components held in stock. Can be supplied with all ancillary equipment including chart recorders, relief valves, manifolds and hoses. All instrumentation is NATA calibrated.



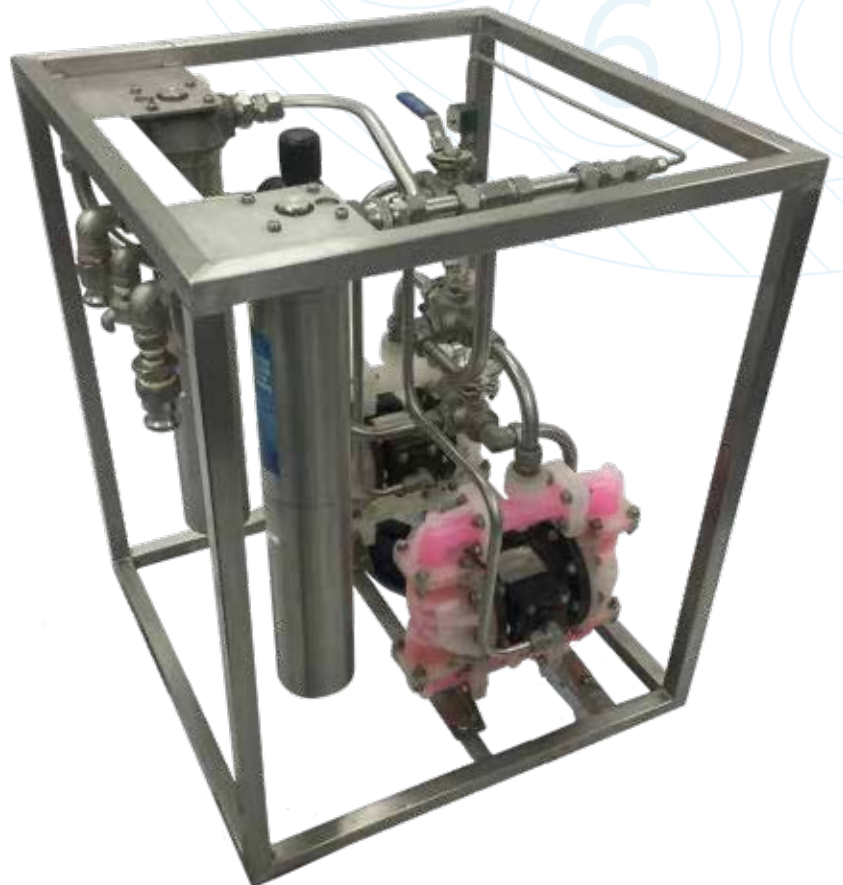
GAS BOOSTERS/AIR BOOSTERS

Here at Trident we have gas and air boosters mounted in a 316SS frame or Pelican case.



PORTABLE HOSE TEST RIG

Hoses are tested in the safety chamber for your safety!



TRANSFER AND FILTRATION PACKAGES

Fitted with air driven diaphragm pumps and / or filters. Different configurations to suit your requirements.



TEST AND FLUSH HPU

Trident Australia's Test and Flush units (TFHPU) are fully built into a stainless steel frame with fully calibrated gauges, reservoir, accumulators, filters, and lifting sling. Electrically driven hydraulic flushing pumps or pneumatically operated LP and HP pumps which can be suitable for hydraulic oil or water based fluids. Call with your test pressure and flow requirements.

HIGH PRESSURE DIESEL DRIVEN TEST PUMP

With a Perkins diesel motor coupled to a Hughes HP pump this can be used for a variety of applications including pressure testing, pressure cleaning and large bore pipeline testing. Manually adjusted pressure control valve allows output pressure to be controlled and set quickly for each application.





FLUSHING AND CONTROL HPUS

Trident has a number of Oil Control and Flushing units for a range of applications. Available for flushing only, control only or with split flushing and control outputs. With high flow rates and large capacity filters they are efficient units for flushing purposes. Built in coolers make these units suitable for even your largest flushing job.

MULTI FUNCTION HYDRAULIC POWER UNIT

Free standing multi-function HPU's designed and manufactured at our Canning Vale facility. We stock a variety of units that we can set up to be suitable for most of your testing or control requirements.





INTERVENTION WORKOVER CONTROL SYSTEMS (IWOCs)

Our IWOCs is offshore DNV rated as are our Umbilical Reelers and can be supplied with umbilical clamps, sheave wheels, EDLs, HFLs and all the other peripheral equipment you require to give you a complete package. We can also complete your full SIT in our rated test bay.

UMBILICAL AND REELER PACKAGES

Trident Australia umbilicals are in stock ready for your next workover or installation job. With both hydraulic and electrical umbilicals of varying lengths we are sure to have something that will be suitable. Our offshore reelers are designed with a great appreciation for the small deck space you have available on most rigs or vessels. Another key driver for us when designing our reelers is operator and equipment safety. Please contact us today to find out why our reelers will be the most suitable for your next work scope.





HYDRAULIC AND ELECTRIC DOWN LINES

We have 316 stainless steel reelers suitable for both electrical and hydraulic down lines. We can supply EDL rated for zone 1 offshore use. Live centre on the hydraulic reelers enables full pressure to be applied during spooling operations.

ACCUMULATOR UNITS

Trident Australia's high and low pressure hydraulic accumulator banks are perfect to increase the total stored volume of an existing HPU or simply increase the capabilities of a standard pressure test pump. These units are stand alone with individual control valves and pressure gauges. We also have all the charging equipment you will need.





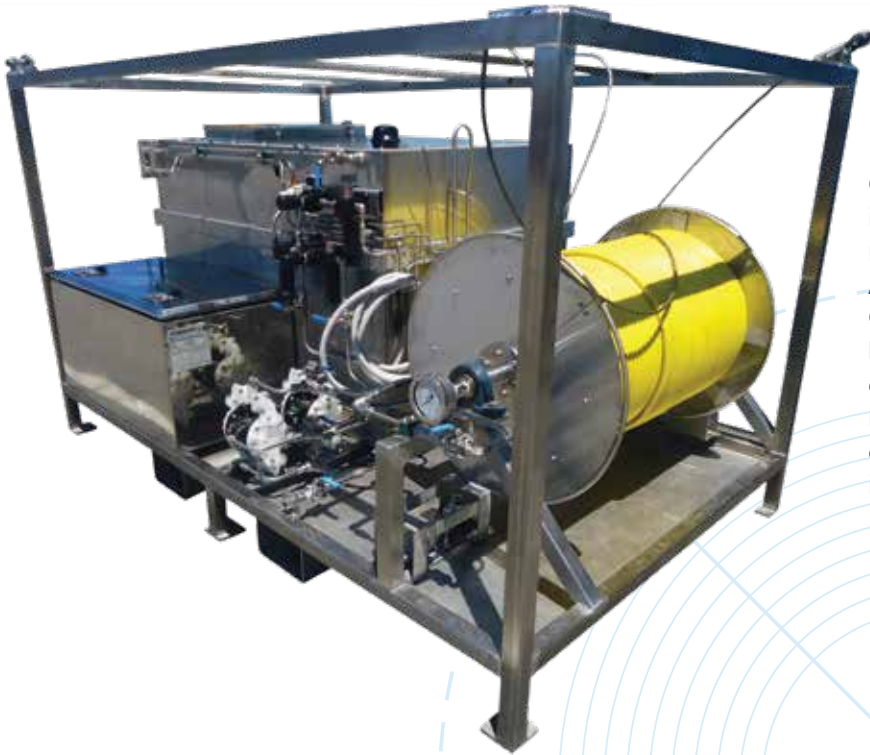
BOP CONTROL PANEL

Easily adapted for your unique requirements with the removable mimic panel. Set it up how you want it. High pressure and low pressure circuits, 4 way 3 position valves for control, double block and bleed functions and accumulation.

PORTABLE PRESSURE TEST BAY

For safe pressure testing in a portable bunker rated to 30,000 psi. Remote operation so the operator is not exposed to and is protected from pressurised components.





ACID INJECTION SKID

Our 316 Stainless Steel Acid Injection Skid is ideal for your cleaning scopes such as removing marine growth with Sulfamic Acid or calcium deposits with MacDermid's Calcium Wash. The built in hose reel and large mixing tank is great for containing the chemicals you don't want your technicians handling, all in one compact unit. The skid comes supplied with all required safety gear in the built in toolbox.

CHEMICAL INJECTION UNITS

We have a wide variety of single and dual chemical injection units. Providing you with precise control using both stroke and frequency controls. Pneumatic or electric driven options. Methanol injection packages also available.





ELECTRICAL GENERATORS

Diesel Generators with large capacity and various plug connections. Suitable for a large range of your portable electricity requirements. With an internal fuel tank these can run at full load for hours. Fully enclosed to keep operating noise as low as possible.

AIR COMPRESSORS

When renting our large air driven pump units you may need a larger compressor than you currently have. Air compressors available to match our test units or to suit your requirements.





INSPECTION ROV

Mini submersible robot stored safely in a transport pelican case. Comes fully equipped with a water tight topside control console and tether. Topside display can be linked to a laptop allowing you to live record or take still shots. A GoPro is also attached to give you high quality HD video of everything you see on your display.



SUBSEA ROV PANELS

Trident Australia has designed and fabricated subsea ROV intervention panels. Giving our customers double block and bleed or unique functionality built into a 316SS frame with a pressure compensated gauge. We can modify our existing panels or develop a custom engineered solution to meet your project requirements.





HOT STABS, RECEPTACLES AND SUBSEA BALL VALVES

Subsea Ball Valve assemblies manufactured and assembled by Trident Australia. Hot Stabs, Receptacles and Ball Valves supplied installed in our Subsea panels, yours or on their own.

TRONIC

Trident Australia stocks 4, 7 and 12 pin ROV and diver connectors to suit all your instrumentation and power applications. Available to supply the missing link to your intervention and controls requirements our connectors can be terminated to your specifications using your existing equipment or Trident supplied cable and umbilicals. To support your operations, we also offer a complete spread of test connectors for all your mobilization and deployment testing requirements.





SUBSEA UMBILICAL CLAMPS

Trident Australia can offer several options for subsea umbilical clamps. We currently have stock of PolyOil clamps and our own custom stainless steel clamps. Trident Australia's subsea umbilical clamps are easy to install and are supplied with all required tooling.



SUBSEA CUTTERS AND EMERGENCY DISCONNECT TOOL (EDT)

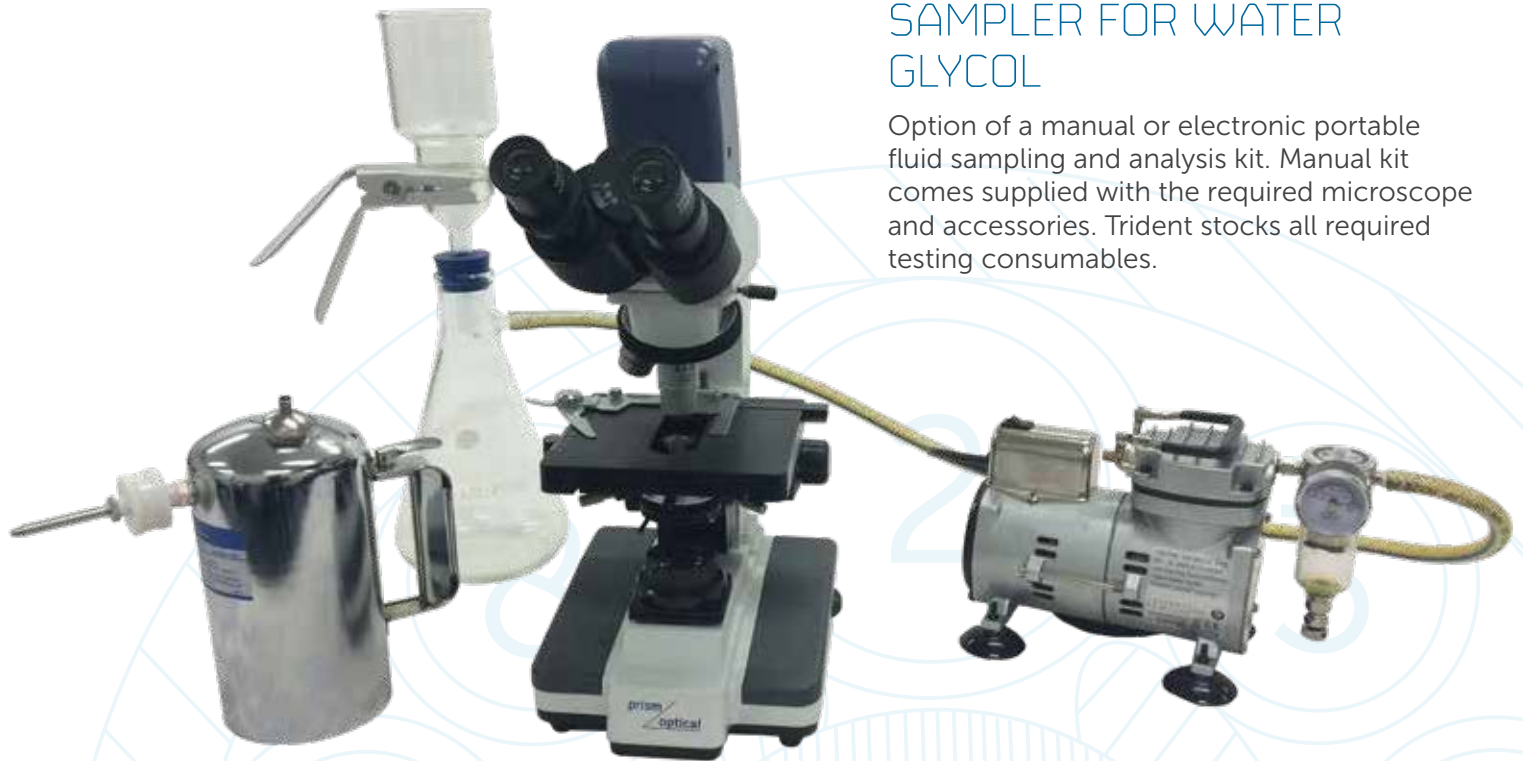
Subsea Cutters for subsea cutting of rope, cable and wire. EDT for emergency cutting of electrical and hydraulic umbilicals and jumpers.





PATCH TEST KIT AND SAMPLER FOR WATER GLYCOL

Option of a manual or electronic portable fluid sampling and analysis kit. Manual kit comes supplied with the required microscope and accessories. Trident stocks all required testing consumables.



DIGITAL TEST GAUGES WITH DATA LOGGER

More convenient than a chart recorder. NATA calibrated digital test gauge with data logging capability supplied in a handy carry case.





CHART RECORDERS

We have a variety of pressure only or dual pressure/temperature NATA calibrated DE WIT chart recorders. With intrinsically safe switchable battery operated clocks, you have a selection of rotation times or a limited selection with mechanical clocks. All recorders are supplied in a travel case with charts and pens as required. We also have available electronic recorders for fixed or portable applications.

PRESSURE/TEMPERATURE DATA LOGGER

Our Temperature/Pressure Data Logger is suitable for measuring temperatures with a range – 198°C to 500°C and a choice of pressure transducers. All software provided.





FLOW METER

Certified ultrasonic clamp-on flowmeters. Transducer mounting fixture for outer pipe diameter. Achieve high accuracy results, reliability and rugged non-invasive flow measurement suitable for liquids, gases, extreme temperatures, high pressures and high flow rates. All required software and accessories are provided. Other flowmeters available free standing, in a portable frame or installed in other equipment.

MEGGER TESTER

Portable insulation resistance tester for the diagnostic testing and maintenance of high voltage electrical equipment.





HYDRAULIC TOOLING

We offer a wide range of hydraulic tools including air, electric and hand operated hydraulic pumps, single and double acting cylinders, hoses, strand jacks, presses, spreaders and cutters.

HYDRAULIC TORQUE TOOLS

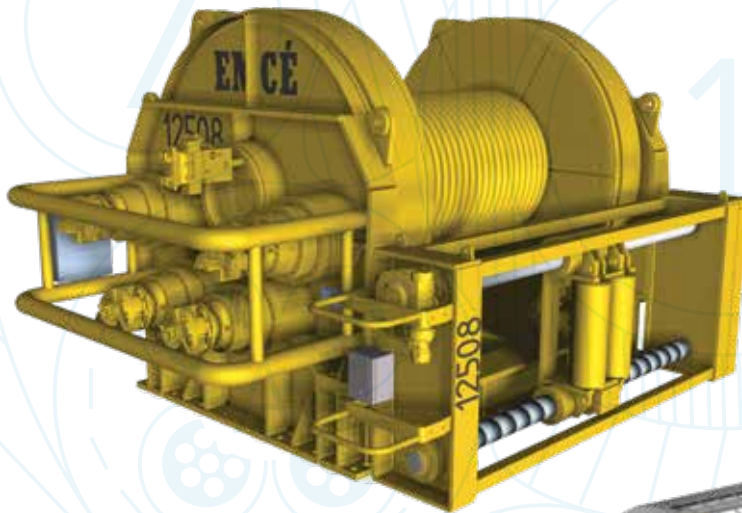
Hydraulic wrenches, low profile heads, square drive units all supplied with the required hydraulic pumps, hoses and manifolds.





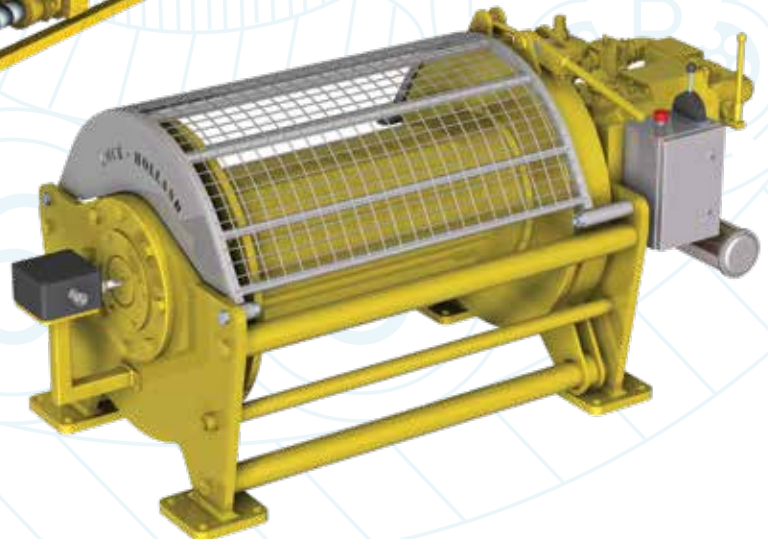
EVO8 SYNCHRONOUS LIFTING SYSTEM

The EVO 8 allows synchronised lifting with up to 8 lift points. The standalone, portable 8 function hydraulic power unit is rated to 700 bar powered with a 3.0kW electric motor, accurate to 1 mm through a 9 inch touch screen HMI. Perfect for bridges, buildings, oil rigs or any other lifts that require a high level of accuracy and safety.



WINCHES

Our winches provide solutions for lifting, pulling, lowering, mooring and anchoring. Winches available in all drive types such as pneumatic, hydraulic and electric.





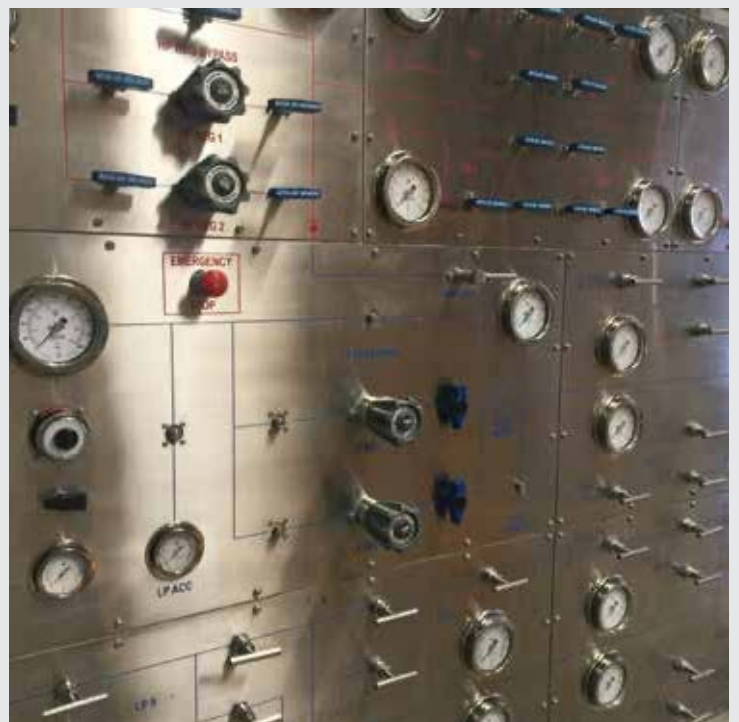
ACCESSORIES

Trident can supply you with all those extra parts you need to connect and complete the job. We stock hoses, valves, fittings, adapters, manifolds, gauges and many other components. Can be supplied in a heavy steel tool box for protection.



MANUFACTURED BY TRIDENT AUSTRALIA

Most of the systems in this catalogue are designed and manufactured by the manufacturing department of Trident Australia. We are very proud to be an Australian manufacturer and to be employing local people. If you need anything manufactured, we would love to hear from you and you can discuss your needs with someone from our experienced Engineering Team. Here is a small sample of some of our other systems. Please ask for a copy of our Systems catalogue.



SERVICE, TESTING AND CALIBRATION

It takes a lot of work to maintain our rental equipment so we have full workshop and testing facilities following our own Business Management System that has been certified to ISO 9001. All of our pressure gauges, digital pressure instruments and chart recorders are calibrated in our NATA accredited calibration laboratory.



FLUID SYSTEM COMPONENT SALES

Trident Australia started life as a supplier of parts with the philosophy of supplying hard to source high pressure fluid system components from stock. From this grew our manufacturing and rental divisions. With \$5m worth of parts on our shelves and access to a large group of quality manufacturers worldwide we are well positioned to supply whatever parts are required to build your custom designed rental system quickly.

We are proud to be able to offer the following well known brands.

Autoclave Engineers	Valves, Fittings, Tubing and Pumps to 60,000 psi
Balon Corporation	Ball, Swing, Check and Needle Valves
BIS Valves	Directional Control Valves, Safety and Relief Valves
CEJN	Quick Connect Couplings and High Pressure Hoses
Colson Industries	Ball, Needle, Check and Manifold Valves
DE WIT	Chart Recorders, Gauges and Dead Weight Testers
Eaton Synflex	Thermoplastic Hose
EMCE	Winches for lifting, pulling, lowering, mooring and anchoring
Enerpac	Hydraulic Tooling
Frames	System Manufacturers
Haskel Milton Roy	Air Driven Liquid Pumps and Gas Boosters
Hydac	Pressure Accumulators
Hydrasun	Stainless Steel Fittings
MacDermid	Control Fluids
Olaer	Pressure Accumulators
McDaniel Controls	Pressure Gauges
Parker	Hydraulic and Pneumatic range
Pall Corporation	Filtration and Separation Equipment
Ruelco	Instrumentation Controls
SC Hydraulic	Air Driven Liquid Pumps and Gas Boosters
Snap-tite	Quick Disconnect Couplings
SSP Fittings Corp	316SS Instrumentation Fittings
Tescom	Pressure Regulators, Valves, Systems and Electronic Controllers
Tronic	Subsea Electronic Connectors
TIS Hydraulics	Thermoplastic Hose
Webtool	Emergency Umbilical Disconnect Tool

Please give our sales team a call for your needs or email sales@tridentaustralia.com.au

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