PRODUCT CATALOGUE

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ISOLATORS

DOMESTIC METERBOARD

SWITCHBOARDS

JUNTION BOXES

CUSTOM FABRICATION

VEHICLE BODY AND TOOL BOXES

LOCKS AND ACCESORIES

www.prolecaustralia.com.au

STANDARD ENCLOSURES

Our range of Standard Enclosures are manufactured in our Newcastle facility by our team of sheet metal surgeons using 2mm thick 316 marine grade stainless steel ensuring long service life and maximum durability.

All standard enclosures are fitted with stainless steel concealed hinges, 8mm square quarter turn latches and powder coated mild steel gear plates.

MADE WITH 316 STAINLESS STEEL MARINE GRADE

RATED TO IP66 SPECIFICATION

◀ LEFT OR RIGHT ▶ HINGES

Size mm (H x W x D)	Hinge Side	ORDER CODE
300x200x150	Left	E302015SS-L
300x200x150	Right	E302015SS-R
300x300x150	Left	E303015SS-L
300x300x150	Right	E303015SS-R
300x400x150	Left	E304015SS-L
300x400x150	Right	E304015SS-R
300x400x200	Left	E304020SS-L
300x400x200	Right	E304020SS-R
400x300x150	Left	E403015SS-L
400x300x150	Right	E403015SS-R
400x300x200	Left	E403020SS-L
400x300x200	Right	E403020SS-R
400x400x200	Left	E404020SS-L
400x400x200	Right	E404020SS-R
500x400x200	Left	E504020SS-L
500x400x200	Right	E504020SS-R
500x500x200	Left	E505020SS-L
500x500x200	Right	E505020SS-R

Size mm (H x W x D)	Hinge Side	ORDER CODE
600x400x200	Left	E604020SS-L
600x400x200	Right	E604020SS-R
600x400x300	Left	E604030SS-L
600x400x300	Right	E604030SS-R
600x600x200	Left	E606020SS-L
600x600x200	Right	E606020SS-R
600x600x300	Left	E606030SS-L
600x600x300	Right	E606030SS-R
800x600x200	Left	E806020SS-L
800x600x200	Right	E806020SS-R
800x600x300	Left	E806030SS-L
800x600x300	Right	E806030SS-R
800x800x300	Left	E808030SS-L
800x800x300	Right	E808030SS-R
1000x800x300	Left	E1008030SS-L
1000x800x300	Right	E1008030SS-R
1200x800x300	Left	E1208030SS-L
1200x800x300	Right	E1208030SS-R

We specialise in custom fabricating enclosures to speed up both installation and commission time or to suit any specifications.

Options include but not limited to : Door sizing and quantity, alternate material types and finishes, button holes, mounting methods, engraved logos / lettering, locking methods, internal componentry and much more.

SLOPED ROOF ENCLOSURES

Our range of Sloped Roof Enclosures are manufactured in our Newcastle facility by our team of sheet metal surgeons using 2mm thick 316 marine grade stainless steel with 30-degree angle roof ensuring long service life and maximum durability.

All enclosures are fitted with either stainless steel concealed hinges, 8mm square quarter turn latches and powder coated mild steel gear plates.

Sloped roof enclosures are typically used in outdoor high debris environments to prevent dust and water from settling on the top of the cabinet and ingress into the enclosure.

MADE WITH 316 STAINLESS STEEL MARINE GRADE

RATED TO IP66 SPECIFICATION

◄ LEFT OR RIGHT ► HINGES

Size mm (H x W x D)	Hinge Side	ORDER CODE	Size mm (H x W x D)	Hinge Side	ORDER CODE
300x200x150	Left	ESR302015SS-L	600x400x300	Left	ESR604030SS-L
300x200x150	Right	ESR302015SS-R	600x400x300	Right	ESR604030SS-R
300x300x150	Left	ESR303015SS-L	600x600x200	Left	ESR606020SS-L
300x300x150	Right	ESR303015SS-R	600x600x200	Right	ESR606020SS-R
300x400x150	Left	ESR304015SS-L	600x600x300	Left	ESR606030SS-L
300x400x150	Right	ESR304015SS-R	600x600x300	Right	ESR606030SS-R
300x400x200	Left	ESR304020SS-L	800x600x200	Left	ESR806020SS-L
300x400x200	Right	ESR304020SS-R	800x600x200	Right	ESR806020SS-R
400x400x200	Left	ESR404020SS-L	800x600x300	Left	ESR806030SS-L
400x400x200	Right	ESR404020SS-R	800x600x300	Right	ESR806030SS-R
500x400x200	Left	ESR504020SS-L	800x800x300	Left	ESR808030SS-L
500x400x200	Right	ESR504020SS-R	800x800x300	Right	ESR808030SS-R
500x500x200	Left	ESR505020SS-L	1000x800x300	Left	ESR1008030SS-L
500x500x200	Right	ESR505020SS-R	1000x800x300	Right	ESR1008030SS-R
600x400x200	Left	ESR604020SS-L	1200x800x300	Left	ESR1208030SS-L
600x400x200	Right	ESR604020SS-R	1200x800x300	Right	ESR1208030SS-R

We specialise in custom fabricating enclosures to speed up both installation and commission time or to suit any specifications.

Options include but not limited to : Door sizing and quantity, alternate material types and finishes, button holes, mounting methods, engraved logos / lettering, locking methods, internal componentry and much more.

LEVEL 1 VISUAL BREAK ISOLATOR

MADE WITH
316
STAINLESS STEEL
MARINE GRADE

◀ **LEFT** HINGES

Prolecs' standard range of Level 1 Visual Break Isolators come in a wide variety of sizes and amperage from 63AMP to 630AMP,

Our enclosures are constructed in-house by our sheet metal surgeons using 2mm thick 316 marine grade stainless steel ensuring long service life and maximum durability.

All our enclosures are fitted with specifically designed stainless steel pad-lockable handles, powder coated gear plates and a mechanical interlock ensuring the door cannot be opened whilst the isolator is turned on or while the door is open. Isolators are available in 3 and 4 pole switching with AUX contacts fitted.

Other available options include larger switching, alternate material types and finishes or internal led lighting, Prolec can custom make Level 1 Visual Break Isolators to suit any application on request.

Standard Features:

- 2mm thick, marine grade 316 stainless steel construction
- 3mm mild steel powder coated gear plate
- 304 stainless steel concealed hinges
- 6mm lexan Window
- 5mm x 25mm neoprene adhesive gasket
- 8mm square quarter turn latch
- Sloped roof for weather protection
- Legrand isolator
- Engineered to endure in excess of 30,000 operations

Mechanical interlock

Optional internal LED lighting


Optional Features:

- Fortress Interlock solutions avaliable on request
- Safety laminated glass and cover
- Alternative switch brand 63Amp to 3150Amp
- Intergrated LCS with Push Buttons
- Customizable gland plate
- Customizable engraving

Push Buttons and Engraved Labelling

Fortress BM1 Interlock

ISOLATOR RANGE

Sloped Roof Isolator

ORDER CODE	POLE / AMP	MATERIAL	ENCLOSURE SIZE mm a x b x c	MOUNTING HOLE d	e	HANDLE f
ISO3P-63A-SR	3 / 63A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO4P-63A-SR	4 / 63A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO3P-100A-SR	3 / 100A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO4P-100A-SR	4 / 100A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO3P-125A-SR	3 / 125A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO4P-125A-SR	4 / 125A	#316 S/S	300 x 300 x 150	238.5	485.5	60mm
ISO3P-160A-SR	3 / 160A	#316 S/S	400 x 400 x 165	336	597.5	60mm
ISO4P-160A-SR	4 / 160A	#316 S/S	400 x 400 x 165	336	597.5	60mm
ISO3P-250A-SR	3 / 250A	#316 S/S	400 x 400 x 165	336	597.5	60mm
ISO4P-250A-SR	4 / 250A	#316 S/S	400 x 400 x 165	336	597.5	60mm
ISO3P-400A-SR	3 / 400A	#316 S/S	700 x 600 x 250	536	941	60mm
ISO4P-400A-SR	4 / 400A	#316 S/S	700 x 600 x 250	536	941	60mm
ISO3P-630A-SR	3 / 630A	#316 S/S	700 x 600 x 250	536	941	60mm
ISO4P-630A-SR	4 / 630A	#316 S/S	700 x 600 x 250	536	941	60mm
ISO-LED	SMALL INTERNAL LED LIGHT					
ISO-LED-L	LARGE INTERNAL LED LIGHT					
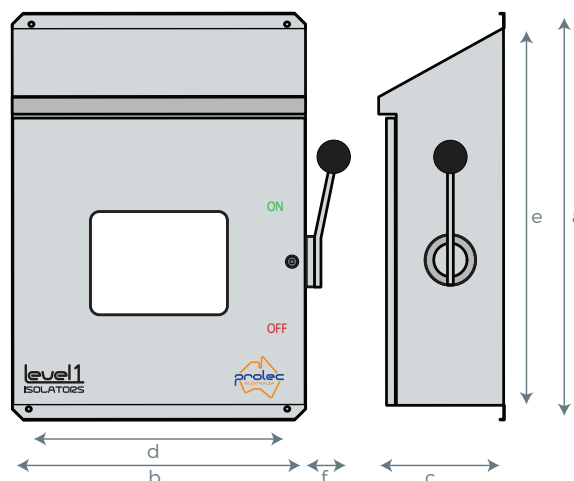
Standard Isolator

| ORDER CODE	POLE / AMP	MATERIAL	ENCLOSURE SIZE mm a x b x c	MOUNTING HOLE d	e	HANDLE f
ISO3P-63A-E	3 / 63A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO4P-63A-E	4 / 63A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO3P-100A-E	3 / 100A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO4P-100A-E	4 / 100A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO3P-125A-E	3 / 125A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO4P-125A-E	4 / 125A	#316 S/S	300 x 300 x 150	210	210	60mm
ISO3P-160A-E	3 / 160A	#316 S/S	400 x 400 x 165	310	295	60mm
ISO4P-160A-E	4 / 160A	#316 S/S	400 x 400 x 165	310	295	60mm
ISO3P-250A-E	3 / 250A	#316 S/S	400 x 400 x 165	310	295	60mm
ISO4P-250A-E	4 / 250A	#316 S/S	400 x 400 x 165	310	295	60mm
ISO3P-400A-E	3 / 400A	#316 S/S	700 x 600 x 250	510	580	60mm
ISO4P-400A-E	4 / 400A	#316 S/S	700 x 600 x 250	510	580	60mm
ISO3P-630A-E	3 / 630A	#316 S/S	700 x 600 x 250	510	580	60mm
ISO4P-630A-E	4 / 630A	#316 S/S	700 x 600 x 250	510	580	60mm
ISO-LED	SMALL INTERNAL LED LIGHT					
ISO-LED-L	LARGE INTERNAL LED LIGHT					
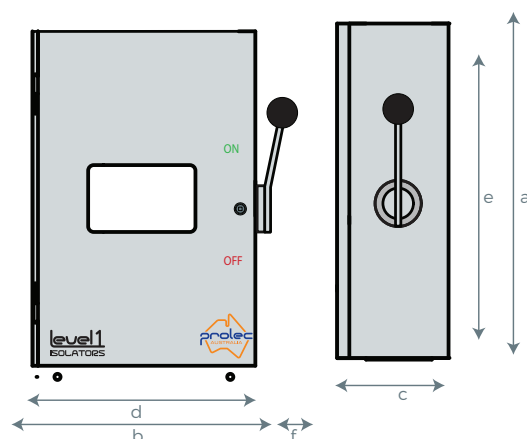
DOMESTIC METERBOARD

Wheather you live in a coastal area or just want to set yourself apart from the neighbours, our range of marine grade stainless steel metering panels are built to last.

Manufactured using high quality 316 grade polished stainless steel, our metering panels will stand the test of time. Our panels can be powder coated any colour, increasing the street appeal of your most valuable asset - your family home.

Optional recessed circuit breaker mounting available also.
See Standard sizing below or contact us for a custom design. .

MADE WITH
316
STAINLESS
STEEL
MARINE GRADE
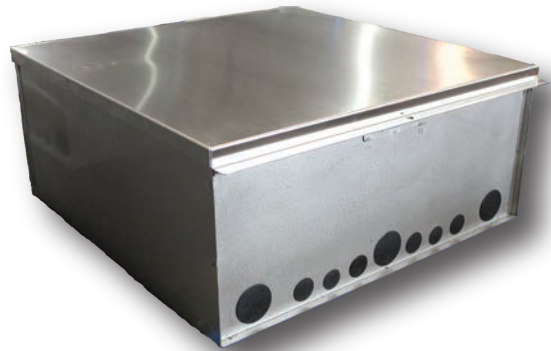
Part #	Size (H x W x D)	Description
D-NSW	600 x 600 x 260mm	316 Stainless Steel Domestic Meter Board - NSW Standard
D-NSW-DIN	600 x 600 x 260mm	316 Stainless Steel Domestic Meter Board w/ DIN rail cutout - NSW Standard
QLD/VIC	685 x 485 x 275mm	316 Stainless Steel Domestic Meter Board - QLD/VIC Standard
QLD/VIC-DIN	685 x 485 x 275mm	316 Stainless Steel Domestic Meter Board w/ DIN rail cutout - QLD/VIC Standard
CUSTOM	Custom Sizes & Materials Available Upon Request	

We specialise in custom fabricating enclosures to speed up both installation and commission time or to suit any specifications contact us to help with your custom enclocusre.

Options include but not limited to : Door sizing and quantity, alternate material types and finishes, button holes, mounting methods, engraved logos / lettering, locking methods, internal componentry and much more.

SWITCHBOARD FABRICATION

Here at Prolec, we offer a range custom made Switchboards, which manufactured in our Newcastle facility by our team of sheet metal surgeons using a range of material to best meet the needs of our customers.

Simply supply us with drawings or the dimensions you require and we will assist you right throughout the design phase, then produce a customised solution for your project.

Switchboards in our manufacturing capabilities include:

-Distribution Boards
-Control Panels
-Form 1 – Form 3 Non Type Tested or Type Tested Motor Control Centres upon request
-Main Power Switchboards
-VSD/Soft Starter Enclosures
-Local Control Stations
-PLC Panels
-Kiosk Type Transformer Enclosures
-Other – Custom Designed upon request

OPTIC FIBRE JUNCTION BOXES

Our Optic Fibre Junction Boxes are made from 2mm 316 Stainless Steel with other materials available on request.

The standard panel lock is 8mm square key; alternatives can be arranged if required. Our Optic Fibre Junction Box is fitted with a stainless steel mounting plate with a user-friendly connector bracket attached.

As standard, the Optic Fibre Junction Box comes with 12 single or multimode ST through connectors. Custom holes can be cut upon request.

MADE WITH 316 STAINLESS STEEL MARINE GRADE

RATED TO IP66 SPECIFICATION

◄ LEFT OR RIGHT ► HINGES
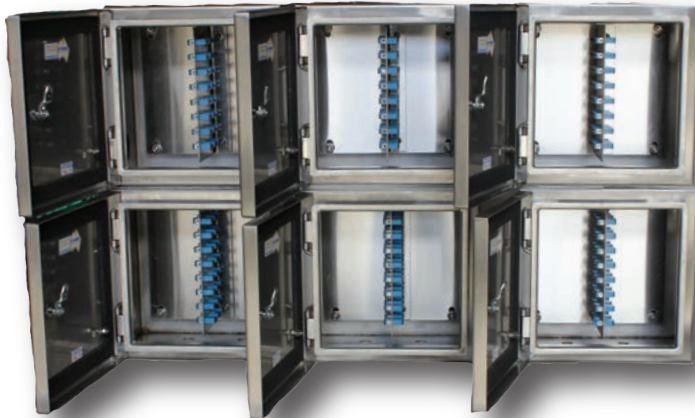
Junction Boxes (JB) are all handmade in our Newcastle facility using the highest quality 2mm thick #316 Stainless Steel.

Our Standard Junction Boxes are available in 3 sizes, see below.

SIZE mm (H x W x D)	Material	ORDER CODE
150x150x100	#316 S/S	J151510SS
200x200x150	#316 S/S	J202015SS
300x300x200	#316 S/S	J303020SS

BOOTPRO
BOOT CLEANER

MADE WITH
316 STAINLESS STEEL
MARINE GRADE

Our BootPro boot cleaner has been engineered to tackle the harshest of conditions.
Manufactured out of marine grade 316 stainless steel, making them ideal for areas where there is a build-up of dirt, mud, or any type of grit that needs to be removed.
By using three heavy-duty brushes, allows for clean both sides and underneath the boot in one easy motion.
The BootPro cleaning system also comes with an ergonomic handle for stability when using.
With an integrated start/stop station conveniently placed for ease of control during opertation.
Available in 240V or 415V supply voltage, as well as an option for 24VDC control via the integrated LCS.

Suggested Applications:

Mine Sites
Quarries
Industrial Workshops
Agricultural Industries
Construction Sites
Smelter
Foof Processing
High Wash Down Areas
And More

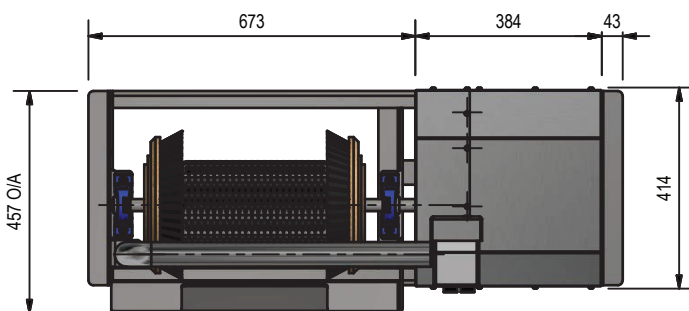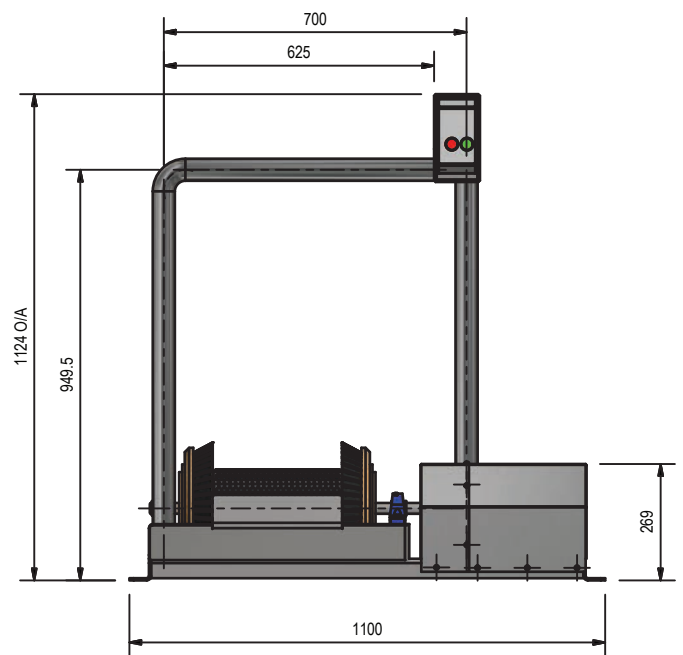| ORDER CODE	DESCRIPTION
BOOTPRO-1-240V	BootPro Boot Cleaner 240V supply + Control
BOOTPRO-1-24DC	BootPro Boot Cleaner 240v supply + 24DC Control
BOOTPRO-1-415V	BootPro Boot Cleaner 415V Supply + Control

BOOTPRO
BOOT CLEANER SPECS

ISOMERIC VIEW

L.H. VIEW

166.5 · 400 · 414 · 5

TOP VIEW

673 · 384 · 43 · 457 O/A · 414

FRONT VIEW

700 · 625 · 1124 O/A · 949.5 · 269 · 1100
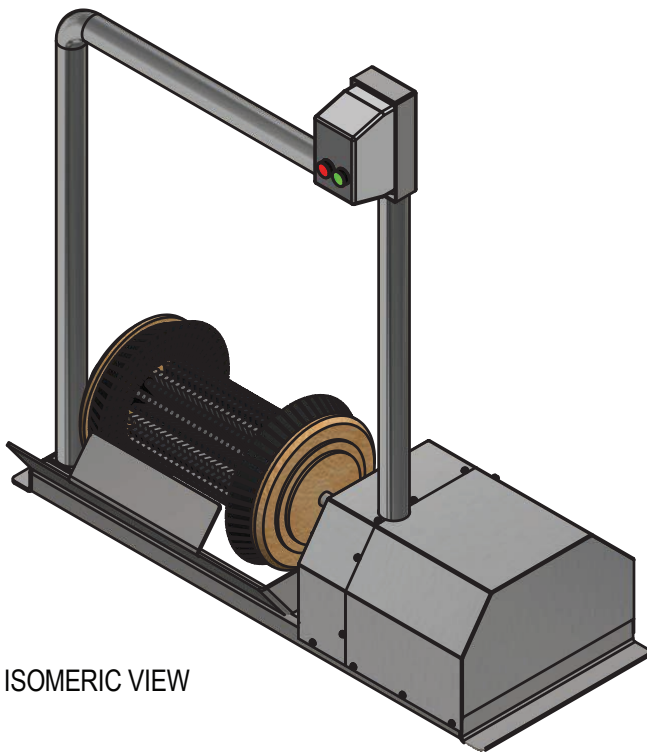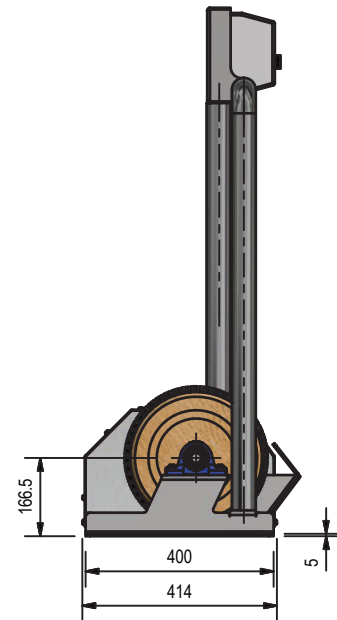
CUSTOM FABRICATION

Customised Air Conditioning Duct
Cowling for Mining Drill Rig

Here at Prolec Australia, we pride ourselves on our capabilities to produce custom fabrications based on our customer's specific requirements. Whether it be a simple size change to an enclosure or large-scale project and we can produce a quality product with an impressive lead time.

Prolec Australia can assist you with your project from start to finish, including the designing process. And with our extensive experience using materials such as Stainless Steel, Aluminium, Mild Steel and Lexan, we can make your concept a reality. With a range of services from drawing and drafting all the way through to folding, cutting, welding. While allowing for yourchoice in finisheswith powder coating, paintaing and polishing all available on request
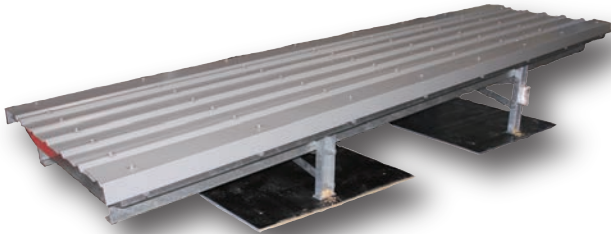
Coal belt analyser roof
engineered to withstand 230km/h winds
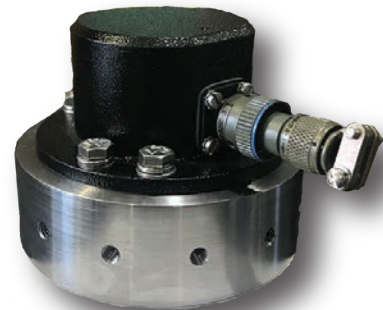
35mm Thick steel mounting base for
a inclinometer for a hitachi excavtor
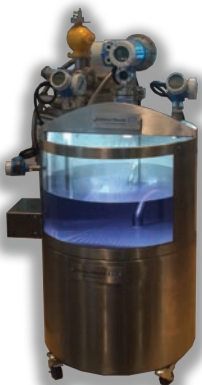
Instrumentation trade show/expo Display Stand
Equipped with Functioning Water reservoir
and Automated Pump Controls

Electrical Supply Authority
Customised Camera Bracket

Custom outdoor wood/timber storage unit

Powder Coated
400x400x200mm Custom Encl.

800x600x400mm Custom two door Enclosure
w/ Stainless Steel Pintel Hinges, Stainless Steel
Pad-lockable Swing Handles, Powder Coated
1000V Blue as per customer specs

850x302x250mm Custom Enclosure
w/ 300x302x250mm Plinth, Stainless Steel
Swing Handle, Powder coated White,
custom computer bracket
mounted on top.

Custom made 1000v 3-way
thru box powdercoated french blue

Custom Solar Solutions
with and without wind turbines

Coal Transfer Terminal Customer
2400x3000x600mm Slope Roof
Three Door Cabinet, 3 point Locking,
Pad-lockable Swing Handle

CNC WATER JET

Here at Prolec our CNC (computer numerical control) water jet uses a cold cutting method, protecting the material from heat damage and hardening that can be seen in other alternatives.
Our waterjet can cut virtually any material, at any thickness. With the ability to cut in any direction using Omnidirectional cutting and will perforate most materials without the need of a starting hole.
Prolec's water jet also has the ability to create more than a flat profile, with our five-axis cutting head. allowing us to create 3D objects, bevelled edges and countersunk holes in the thickest of material.

Water Jet Applications

Glass
- Splash backs
- Shower screens
- Laminates glass/ Bulletproof glass
- Stained glass

Stone
- Custome border tiles
- Floor and wall inlays
- Kitchen and vanity bench top
- Custom stepping stone
- Architectural applications

Metals
- Stainless steel
- Tool steel
- Aluminium
- Brass
- Copper
- Titanium
- Nickel
- Alloys
- Laminates like Kevlar

Gaskets
- Automotive
- Marine
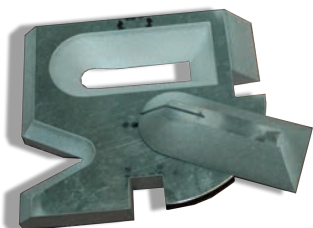- Small engine
- Motorcycle
- Aircraft
- Metal
- Copper

Foam
- Custom foam packaging
- sound insulation
- Vibration isolation
- Archery targets

Custom Bathroom Tiles

Aluminium Fan

Rubber Gasket

10mm Steel

Plastic and Foam

Glass

VEHICLE BODIES AND TOOL BOXES

Prolec Austrailia specialise in the design and fabrication of custom vehicle bodies and toolboxes to suit an individual's needs. Whether you require a fully customised vehicle body or a smaller toolbox style, we have a solution for you.

At Prolec we also give you greater control of the internal design, with a wide range of choice when it comes to storage and layout. including lockable draws, shelving, cupboards and more. All available on request.

We also offer vehicle colour matching with powder coating on our full range of canopies. Want your canopy to match your vehicle body? all we need is your vehicle paint colour and we can match them for you.

With our licensed auto electricians, Prolec can also supply custom lighting solutions throughout the vehicle body.

Materials Available:

-Stainless Steel

-Aluminium

-Mild Steel

Aluminium Body

Powder Coated Stainless Steel
with Aluminium Draws

We specialise in custom fabricating canopies to speed up both installation and commission time or to suit any specifications.

Options include but not limited to : Door sizing and quantity, alternate material

SITE READY LIGHT

Prolec Australia has designed and manufactured an all-in-one vehicle lighting system for temporary site vehicles that do not wish to have permanent fixtures, this is the only plugin model on the market.

The Site Ready Light consists of multi-angle vision light vehicle (LV) numbers made from approved class 1 reflective these LV numbers are illuminated with an internal LED light for higher visibility during night driving.

The Frame is made from lightweight aluminium, powder coated black and white and is fitted with an industrial strength magnet to secure to metallic surfaces e.g. vehicle roof. The light is also fitted with all site required extras including rotating amber beacon and reversing alarm, as well as additional reversing, brake and indicator lights.

This system is designed to plug directly into a 7-pin flat trailer plug for ease of use. The Site Ready Light is suitable for most vehicles fitted with a tow bar and auxiliary wiring.
If this product does not suit your specific application custom options are available upon request.
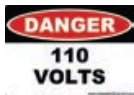
STICKER AND SIGNAGE

Prolec Provides a range of standard class 2 reflective safety stickers.
While also having the capabilities to provide any custom stickers, labelling and signs for your individual needs, with a range of different materials available such as Vinyl, Class 1 reflective, class 2 reflective and Avery vinyl, which can be applied to Aluminium, signboard, Lexan, Perspex, etc.
Prolec also offers an engraving service that includes laser etching and paint-filled engraving on various materials as traffolyte labels in a wide range of colours.

DANGER ACCESS BY AUTHORISED PERSONNEL ONLY	PSDAAP510 50x100mm PSDAAP1014 100x140mm PSDAAP1320 130x200mm	**DANGER** ISOLATE ELSEWHERE BEFORE REMOVING COVER	PSDIE510 50x100mm PSDIE1014 100x140mm PSDIE1320 130x200mm
DANGER 110 VOLTS	PSD110V510 50x100mm PSD110V1014 100x140mm PSD110V1320 130x200mm	**CAUTION!** ELECTRIC SHOCK HAZARD INSIDE	PSCH510 50x100mm PSCH1014 100x140mm PSCH1320 130x200mm
DANGER HIGH VOLTAGE UNAUTHORISED PERSONNEL KEEP OUT	PSDHV510 50x100mm PSDHV1014 100x140mm PSDHV1320 130x200mm	**EMERGENCY STOP**	PSES510 50x100mm PSES1014 100x140mm PSES1320 130x200mm
DANGER LIVE PARTS BEHIND COVER	PSDLPB510 50x100mm PSDLPB1014 100x140mm PSDLPB1320 130x200mm	**FIRE PROCEDURE**	PSFP510 50x100mm PSFP1014 100x140mm PSFP1320 130x200mm
DANGER 240 VOLTS	PSD240V510 50x100mm PSD240V1014 100x140mm PSD240V1320 130x200mm	**RESCUE from ELECTRIC SHOCK**	PSRES1320 130x200mm
DANGER 415 VOLTS	PSD415V510 50x100mm PSD415V1014 100x140mm PSD415V1320 130x200mm		
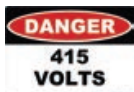
Traffolyte Labels - Colours Available
Black on Yellow, White on Red, White on Black, White on Blue, Black on White, Red on White, Blue on White, White on Green

 Paint Fill Engraving

 Laser Etching

ELECTRICIANS PACK   PSEP110   10 of each sticker type

- 10 @ 50x100mm "Emergency Stop" Stickers
- 10 @ 50x100mm "Caution Electric Shock Hazard" Stickers
- 10 @ 50x100mm "Danger Access by Authorised Personnel Only" Stickers
- 10 @ 50x100mm "Danger Live Parts Behind Cover" Stickers
- 10 @ 50x100mm "Danger 110 Volts" Stickers
- 10 @ 50x100mm "Danger 240 Volts" Stickers
- 10 @ 50x100mm " Danger 415Volts" Stickers
- 10 @ 50x100mm "Danger Isolate Elsewhere Before Removing Cover" Stickers
- 10 @ 50x100mm "Danger High Voltage Unauthorised Personnel Keep Out" Stickers
- 10 @ 100x140mm "Fire Procedure" Stickers
- 10 @ 130x200mm "Rescue from Electric Shock" Stickers

E/STOP LANYARDS AND LABELS

Prolec has designed a purpose made emergency stop conveyor lanyard label that complies with the relevant Australian standards.

As a requirement of AS/NZs4024.3610:2015, all conveyor lanyard pull wire cables should be labelled every 30 meters indicating that the lanyard can be used as an emergency stop.

Our emergency stop lanyard gives you a solution to this requirement by offering a heavy duty, weatherproof, fabric vinyl, emergency stop pull label. The Label is 200mm long, 50mm wide produced from class 1 reflective red and white vinyl as per common practice for emergency stop labelling.

Our emergency stop lanyard comprises of 4x nickel eyelets, which can be attached to the lanyard in various orientations using cable ties or tie wire.

Our emergency stop lanyard label also allows for clear vision from various angles including when looking down the line of the conveyor.

Prolec can also supply a class 2 reflective sticker adhered to vipet (plastic), Aluminium or galvanised sheet, which attaches to the conveyor lanyard via a stainless steel wire rope grip. These are industrial alternatives to conventional methods of back-to-back sticker type arrangements.

Part #	Description
CESTOP-20050	200x50mm Class 1reflective fabric conveyor E/Stop lanyard label
CESTOP-150100V	150x100mm class 2 reflective vipet Conveyor E/Stop lanyard label
CESTOP-150100A	150x100mm Class 2 reflective aluminium Conveyor E/Stop lanyard label
CESTOP-150100G	150x50mm Class 2 reflective galvanised Conveyor E/Stop lanyard label

STAINLESS STEEL GAS STRUTS
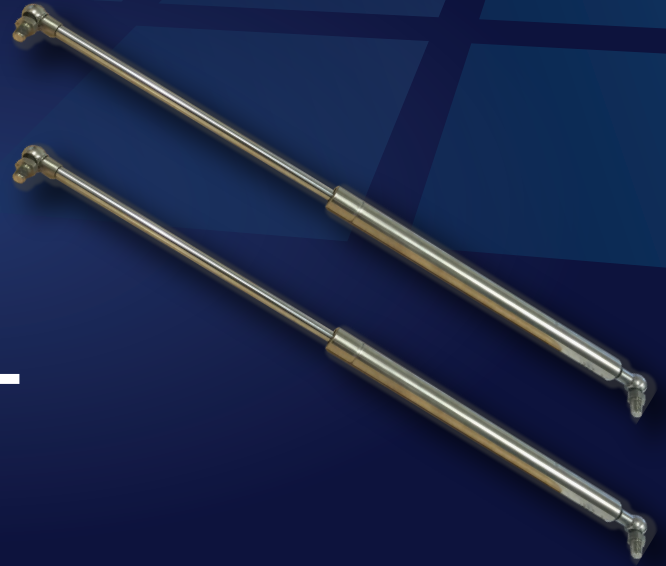
Gas Struts go by many different names like Gas Stays, Gas Springs, Gas Rams and traditionally the most common place they are found would be holding up a vehicle bonnet or boot.

At Prolec Australia, our range of stainless steel gas struts have been designed and manufactured with industrial applications in mind, with a focus on increasing the longevity through the use of high-grade stainless steel.

We also cater for common vehicle replacement gas struts, which save you money while offering a higher-quality product in comparison to the original.
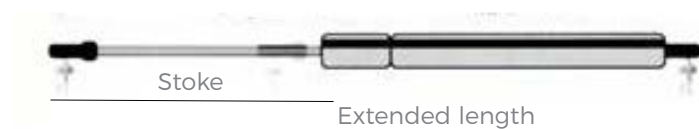
STAINLESS STEEL GAS STRUTS RANGE

Selecting the right Gas Strut for the right job is an important first step when it comes to replacing or installing. We also can set the pressure in our gas struts to meet your needs. Using the image on the right and below you can get a better understanding of sizing for your next purchase.

Stoke

Extended length

A = Moving point
B = Fixed point
C= Hinge point
G = Dead weight of lid in newton
(1kg = around 10n)
H = Half length of lid in mm
F = Force required
L = Distance from C to A

$$F = \frac{G \times H}{L} + 30\% \text{ / no stuts needed}$$

Product code	Length	Ball Joint
PRO155SS	155-40	M6x1.0
PRO195SS	195-60	M6x1.0
PRO235SS	235-85	M6x1.0
PRO255SS	255-95	M6x1.0
PRO275SS	275-100	M6x1.0
PRO315SS	315-125	M6x1.0
PRO375SS	375-120	M6x1.0
PRO390-15-SS	390-160	M6x1.0
PRO310SS	310-115	M6x1.0
PRO315SS	315-120	M6x1.0
PRO325SS	325-125	M6x1.0
PRO350SS	350-135	M6x1.0
PRO390-18-SS	390-160	M6x1.0
PRO400SS	400-165	M6x1.0
PRO410SS	410-165	M6x1.0
PRO450SS	450-185	M6x1.0

Product code	Length	Ball Joint
PRO510SS	510-215	M6x1.0
PRO525SS	525-225	M6x1.0
PRO610SS-M8	610-270	M8x1.25
PRO710SS-M8	710-320	M8x1.25
PRO295SS-M8	295-110	M8x1.25
PRO405SS-M8	405-185	M8x1.25
PRO505SS-M8	505-210	M8x1.25
PRO525SS-M8	525-220	M8x1.25
PRO595SS-M8	595-255	M8x1.25
PRO710SS-M8	710-315	M8x1.25
PRO820SS-M8	820-370	M8x1.25
PRO50SS-M10	50-210	M10x1.0
PRO710SS-M10	710-315	M10x1.0
PRO910SS-M10	910-410	M10x1.0
PRO1100SS-M10	1100-505	M10x1.0

GAS STRUT BRACKETS

Prolec Australia Also carries a range of gas strut brackets made to compliment our Stainless steel gas struts.
Our brackets have also been made from high-quality stainless steel for increased durablity over the life of the product. Available in internal and external right-angle and flat.

Part #	Description
PGBT-FL	Gas Strut Flat Bracket
PGBT-EX	Gas Stut Right Angle Bracket external
PGBT-IN	Gas Stut Right Angle Bracket Internal

AUTO ELECTRICAL

Anderson Type Connector - Grey Amp: 50, 175 and 350	Clearance Maker Colours: Red, White, Amber
Anderson Type Connector handle Kit	LED Combination Lamp - Jumbo
Cat Typr Jump Start Connector -Plug	LED Combination Lamp - Large Round
Cat Typr Jump Start Connector - Receptacle	LED Combination Lamp - Slimline
Cat Typr Jump Start Connector - Prortective Cover	LED Maxilamp Single Pair
Cat Typr Jump Start Connector - Bracket	Licence Plate

BBS TEK Large Reversing Alarm 102 - 107 dB	Reverse Camera Kit with Monitor Size 10", 7" and 5"
BBS TEK Large Reversing Alarm Self Adjusting 87 - 107 dB	Reverse Camera Kit with Monitor WaterProof Size 7"
BBS TEK Medium Reversing Alarm 77 -97dB	Reverse Camera Kit - Rear View Mirror Monitor Size 3.5"
BBS TEK Medium Reversing Alarm Self Adjusting 77-97dB	Bussman Feed Through Single Stud Colours: Red and Black Inch: 1/4, 5/19, 3/8 and 1/2 Amp: 100, 200, 300 and 400
Brigade Tonal Large Reversing Alarm 112dB	Double Row Terminal Connection Block Terminal: 6 or 12
Brigade Tonal Medium Reversing Alarm 97 - 102dB	Single Row Terminal Connection Block Terminal 2, 4 and 5

LOCKS AND HINGES

Chrome & Poly Pad-Lockable Wing Knob PPLQTL	Stainless Steel Pad-Lockable Wing Knob PPLQT-SS
316 Stainless Steel Pad-lockable Swing Handle PPLSH-2	Black Poly Wing Knob PQTLWK
Chrome & Black Pad-lockable Swing Handle PPLSH-BLK	Chrome T-Handle Non-Locking THANDLE
Chrome Pad-lockable L-Handle LHANDLE-PAD	Retangle Pintle Hinge 3mm offset in height PINTLE-REC3O
Chrome Pad-lockable Swing Handle PPLSH-CHROME	Stainless Steel Bolt on Pintle Hinge B/OPINTLE
Stainless Steel L-Handle Non-Locking KLLHANDLE-SS	Stainless Steel Concealed Hinge CON-HINGE

LATCHES AND KEYS

8mm Square Slotted Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8SS	PQTL8SS-SS

3 Point Cam 60mm

P3PC60

5mm Double Bit Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL5DB	PQTL5DB-SS

4 Way Panel Key
Includes 5mm double,
7 and 8mm square and
8mm Triangle
KEY-MULTI

8mm Square Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8S	PQTL8S-SS

Square Panel Key

7mm Square Key	8mm Square Key
KEY-7MMS	KEY-8MMS

8mm Triangle Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL8T	PQTL8T-SS

8mm Triangle Panel key

KEY-8MMT

7mm Square Quarter Turn Latch

Chrome Finish	Stainless Steel
PQTL7T	PQTL7T-SS

5mm Double Bit Panel Key

KEY-5MMDB
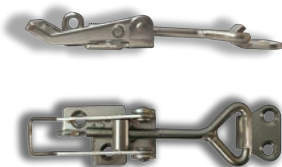
Over Center Latches

Stainless	Zinc

Our enclosures are handmade in our Newcastle facility
using only the finest quality Stainless Steel.

At Prolec Australia we strive to meet your needs and guarantee all of our products.
If you are not 100% satisfied with your enclosures, we will replace them free of charge.*

*Conditions Apply