



Our story Blundstone

The Blundstone story started back in the 1800s, when two English families, the Blundstones and the Cuthbertsons, arrived in Hobart, Tasmania and set up separate boot manufacturing businesses.

In the early 20th century, the Cuthbertson family bought the Blundstone business. They decided to keep the Blundstone name because of its long association with quality and reliability. Today the Cuthbertson family still owns Blundstone and the name still inspires confidence in a quality product.

While we remain a Tasmanian family business, our boots are now worn and loved the world over.

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Led by design Blundstone

Since 1870, Blundstone has been making tough, quality boots that are equally suited to work or play.

Decades of innovative design and production means Blundstone now oversees a global supply chain, bringing together the best ideas, materials and designs to create a wide range of products for everywhere life takes you.

Our ongoing research and development means we're always improving comfort, protection, performance and aesthetics.







QUALITY

When we started making boots in the 1800s, we were dedicated to crafting a quality product. That's still our commitment to you today. Our company is Quality Endorsed to ISO 9001:2015, and every part of the production process helps ensure that when you put on a pair of Blundstones, you're wearing some of the best boots in the world.

MANUFACTURING

We manufacture our leather footwear in Vietnam, India, Romania, Mexico and China. These factories are premium-quality operations that are environmentally and socially responsible. The jobs in these factories are highly sought after, and we engage our personnel to ensure the standard of manufacturing is consistent with our stringent quality requirements. Our gumboots are manufactured at our headquarters in Tasmania.

ENVIRONMENT

We're committed to sustainable purchasing and manufacturing policies, each evaluated with environmental considerations in mind. We maximise our use of recycled and recyclable materials in our manufacture and packaging.

COMFORT

Blundstone is a pioneer in enhancing comfort and safety. In 1999, we developed the patented Shock Protection System (SPS) which reduces fatigue and orthopaedic problems in the lower back, legs and feet. Since then, we've taken it to the next level with the SPS MAX comfort system, which includes XRD® Extreme Impact Protection — a lightweight, thin and breathable cushioning material that's specially engineered to provide a greater level of underfoot comfort.



A pair of work boots are useless if they're not safe and comfortable. That's why our research team searches the globe for materials and components sturdy enough to handle any challenge.

The boots in our safety series come in a range of elastic sided, lace up, Boa® system or zip sided designs – all with a steel toe cap for maximum protection.

STANDARDS

All Blundstone safety footwear are certified to Standard AS/NZS 2210.3.2009. Classification ID 1 – ID 2815 and Standard ASTM F2413-11.



For more technical specs on a boot, download the data sheet at www.blundstone.com.au

Get ready for whatever the day throws at you with our series of lace up and zip sided Blundstones.

Both provide ankle support to reduce the risk of twisting, spraining or tearing ligaments.





RUBBER OUTSOLE



We've loaded up the #992 with all the features a tradie needs — like a shock-absorbing polyurethane midsole, heaps of ankle support and a steel toe cap to protect you against potential accidents. And because there's nothing wrong with a bit of pampering, they've also got thermal-regulating bamboo lining to keep your feet cool and comfy.

UPPER: WATER RESISTANT NUBUCK SOLE: RUBBER

SIZES 5-13 | HALF SIZES 7.5-10.5

#997

In addition to having all the features of the #992, the #997 has the added benefit of a platinum quality water-resistant leather upper.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 5-13 | HALF SIZES 7.5-10.5





While they're specially engineered to be up to 20% lighter than competing products, these safety boots are still heavy-duty. They're fitted with XRD® for Extreme Impact Protection and comfort, as well as a tough toe guard for added security. Add in a rubber outsole for increased slip resistance, and you have a pair of boots that can handle just about anything.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 3-14 | HALF SIZES 6.5-10.5



The #998 has great ankle support, bamboo lining for thermal control, XRD® impact protection for underfoot comfort and a tough toe guard for added leather protection.

UPPER: WATER RESISTANT NUBUCK SOLE: RUBBER

SIZES 3-14 | HALF SIZES 6.5-10.5

TPU OUTSOLE



#144

With plenty of comfort features — including Blundstone's exclusive SPS Max comfort system — the #144 is a 150mm high safety boot that's perfect if you're on your feet all day.

UPPER: WATER RESISTANT NUBUCK SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5

#142

The #142 is great for uniforms and everyday wear when you're constantly on your feet.

UPPER: WATER RESISTANT LEATHER SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5



#143

If you need a comfortable all-round boot that doesn't skimp on safety, try the #143 on for size. These water-resistant boots are a great option if you're looking for all day comfort.

UPPER: WATER RESISTANT LEATHER SOLE: TPU

SIZES 3-14 | HALF SIZES 7.5-10.5 (Note: sizes 3, 4 & 14 have rubber outsoles)



TPU OUTSOLE

FEATURES













For more technical specs of www.blundstone.com.au

#318

The #318 has a toe guard for extra durability, while the heavy-duty zip means they're a breeze to slip off. Great value for money.

UPPER: NUBUCK | SOLE: TPU

SIZES 3-13 | HALF SIZES 7.5-10.5



#319

Made from premium leather with a steel toe cap and toe guard for extra durability, a pair of #319s will hold their own on any job.

UPPER: LEATHER | SOLE: TPU

SIZES 3-13 | HALF SIZES 7.5-10.5



#314

Every apprentice needs a good first boot, and these do the job on a budget.

A polyurethane midsole and XRD®

Technology keep your feet feeling fresh, while the heel guard provides extra ankle support.

UPPER: NUBUCK | SOLE: TPU

SIZES 5-13 | HALF SIZES 6.5-10.5





The #312 comes complete with a heel guard for extra ankle support and XRD® Extreme Impact Protection in the heel strike zone for supreme shock absorption.

UPPER: LEATHER | SOLE: TPU

SIZES 5-13 | HALF SIZES 6.5-10.5



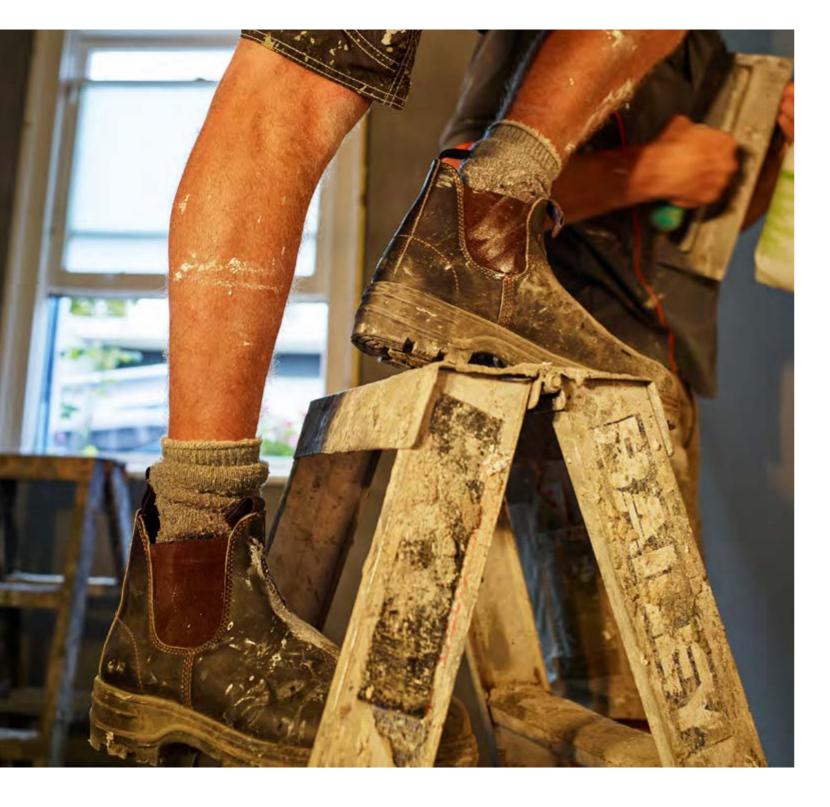
Great safety boot for all budgets. The #313s are packed with everything your feet need to stay comfortable and safe on the job, including a toe guard for added leather protection.

UPPER: LEATHER | SOLE: TPU

SIZES 5-13 | HALF SIZES 6.5-10.5

ELASTIC SIDED SAFETY

For total slip-on, slip-off convenience, as well as unrivalled safety and comfort, it's hard to go past our elastic sided safety boots.



ELASTIC SIDED SAFETY

RUBBER OUTSOLE



If you're after safety features, slip on a pair of #990s. They've got a full toe guard for extra protection and wear life, a rubber sole to handle slippery environments and electrical hazards, polyurethane midsole for support, plus XRD® Extreme Impact Protection.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 3-14 | HALF SIZES 6.5-10.5

ELASTIC SIDED SAFETY

TPU OUTSOLE

FEATURES













For more technical specs of www.blundstone.com.au

#145

Built specially for those of us with a slightly wider foot. Suede leather means these boots are light, breathable and comfortable.

UPPER: SUEDE | SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5





A classic slip-on safety boot that's tough and functional. With water-resistant leather, it's perfect for when the going gets muddy.

UPPER: WATER RESISTANT LEATHER SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5





#172

A classic slip-on boot. The tough kick guard provides extra durability in the toe area.

UPPER: LEATHER | SOLE: TPU

SIZES 3-14 | HALF SIZES 6.5-10.5





When you need a no-nonsense safety boot, reach for a pair of #310s. They've got a steel toe for maximum impact protection and XRD® Technology for a more comfortable day on the job.

UPPER: LEATHER | SOLE: TPU

SIZES 3-13 | HALF SIZES 5.5-10.5



With XRD® Technology for extreme shock absorption and comfort, plus an ergonomically engineered toe spring to reduce fatigue, the #311s are perfect if you're on your feet all day.

UPPER: LEATHER | SOLE: TPU

SIZES 5-13 | HALF SIZES 6.5-10.5

EXECUTIVE SERIES

SMARTLITE TPU/RUBBER SOLE

The Blundstone Executives are manufactured with a Smartlite® sole that offers excellent grip and wear resistance. The ideal choice if you're after footwear that looks good in the office, but still provides safety on the factory floor.



#780

The #780 is a classic black leather corporate shoe that doesn't skimp on the safety features and is fully lined for maximum comfort.

UPPER: LEATHER SOLE: SMARTLITE® TPU WITH RUBBER INSERTS

SIZES 5-13 | HALF SIZES 7.5-10.5





If you're mostly in the office, but also spend some time on the factory floor or in the warehouse, these boots have you covered for both style and safety.

UPPER: LEATHER SOLE: SMARTLITE® TPU WITH RUBBER INSERTS

SIZES 5-13 | HALF SIZES 7.5-10.5



A tough steel cap boot with zip sided convenience and executive style. Perfect if you're splitting your time between meetings and the work site.

UPPER: LEATHER SOLE: SMARTLITE® TPU WITH RUBBER INSERTS

SIZES 5-13 | HALF SIZES 7.5-10.5

ACTIVE

RUBBER / EVA SOLE

Blundstone Actives have a rubber outsole and an EVA midsole which provides cushioning and shock protection.

They're a lightweight option for those requiring a safety toe cap.

#791

A lightweight and slip-resistant safety jogger that's comfortable enough to wear every day.

UPPER: HEAVY DUTY FABRIC SOLE: RUBBER

SIZES 7-13



#792

Super lightweight and with excellent shock absorption, the #792 is a perfect fit for tradies or warehouse workers after something a bit lighter.

UPPER: NUBUCK | SOLE: RUBBER

SIZES 7-13



22 | | 23

WOMEN'S SERIES

Designed for women, these safety shoes provide protection and superior underfoot comfort without compromising on style.

#742

Tailor-made for women and with tough shock absorption, these are ideal for any job where you're always on your feet.

UPPER: SUEDE | SOLE: RUBBER

WOMEN'S SIZES 5-11 HALF SIZES 6.5-9.5



FEATURES

140° RESISTANT

ELECTRICAL HAZARD RESISTANT

For more technical specs on a boot, download the data sheet at www.blundstone.com.au

#743

A women's slip-on shoe that's all about comfort. Perfect if you need a uniform shoe that has to meet safety standards.

UPPER: LEATHER | SOLE: RUBBER

WOMEN'S SIZES 5-11 HALF SIZES 6.5-9.5



For more details on women's sizes see page 54

WOMEN'S SAFETY



These boots are available in smaller sizes making them a perfect option for heavy duty work.

See Safety Boots Guide on page 53 for full list.



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#**172**



BOA SERIES

With laces built from aircraft-grade stainless steel, the tough-as-nails Boa® series is free of the stretch, weight and pressure points of traditional lace up boots. And with their quick closure and simple release system, they're even easier to kick off after a hard day's work.



UPPER: LEATHER | SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5



UPPER: LEATHER | SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5

FEATURES

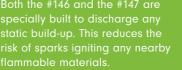












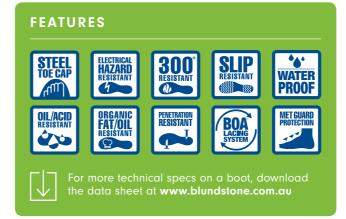




BOA® is a registered trademark of Boa Technology Inc.

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The ankle-high version of the award-winning #980 Underground Mining Boot, this is ready for the most extreme above-ground conditions. The Boa® lacing system allows for personalised fit with a quick closure and simple release.

UPPER: WATERPROOF LEATHER SOLE: RUBBER

SIZES 5-14 | HALF SIZES 7.5-10.5



We worked with underground miners to find out exactly what they need from a boot. This is the award-winning result, featuring:

- A revolutionary moulded XRD® Technology metatarsal guard to protect your feet without compromising on flexibility and comfort.
- Heavy-duty anti-wicking thread that's resistant to abrasion.
- Full waterproof bootie to keep your feet dry.
- Full bellows tongue.
- PU footbed with arch support.
- Polyurethane midsole for comfort.
- Anti-slip rubber outsole heat resistant to 300°C.
- Non-metallic penetration-resistant insole

UPPER: WATERPROOF LEATHER SOLE: RUBBER

SIZES 3-14 | HALF SIZES 7.5-10.5

28 | | 29

EXTREME SERIES



Working on a heavy industrial site? The #994 is the boot for you. It features both penetration-resistant insole and metatarsal protection for your feet, plus platinum quality water-resistant leather and external Kevlar® stitching.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 3-14 | HALF SIZES 6.5-10.5









#981

Designed specifically for smelter work, the #981s have been dip-tested to 960°C in molten aluminium and 1520°C in molten steel. With Velcro®-securing flaps for minimal seam exposure, Kevlar® stitching for maximum strength and ultra-tough flame-retardant toe protection, the #981 is built to handle the heat. They also feature:

- Black flame-retardant leather.
- Galosh-cut upper for minimal seam exposure.
- Kevlar® stitching for maximum strength and protection against metal splash and immersion.
- Ultra-tough flame-retardant scratchguard to protect toes.
- Ssoftherm® 8-point fibre upper to insulate against radiant heat.
- Adjustable Velcro®-securing flaps for maximum comfort and an individual fit.

UPPER: FLAME-RETARDANT LEATHER SOLE: RUBBER

SIZES 4-14 | HALF SIZES 6.5-10.5



#971

The #971 has all the features of the #981, plus the added safety of a metatarsal guard.

UPPER: FLAME-RETARDANT LEATHER SOLE: RUBBER

SIZES 4-14 | HALF SIZES 6.5-10.5









EXTREME SERIES



If you're in heavy construction, forestry or the oil and gas industries, you won't find many boots better than the #995. While it's packed with features like Kevlar® stitching and a moulded TPU toe guard, we're most proud of the sole: it's cut resistant, slip resistant, able to withstand extreme heat, and the midsole is penetration resistant.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 5-13 | HALF SIZES 7.5-10.5





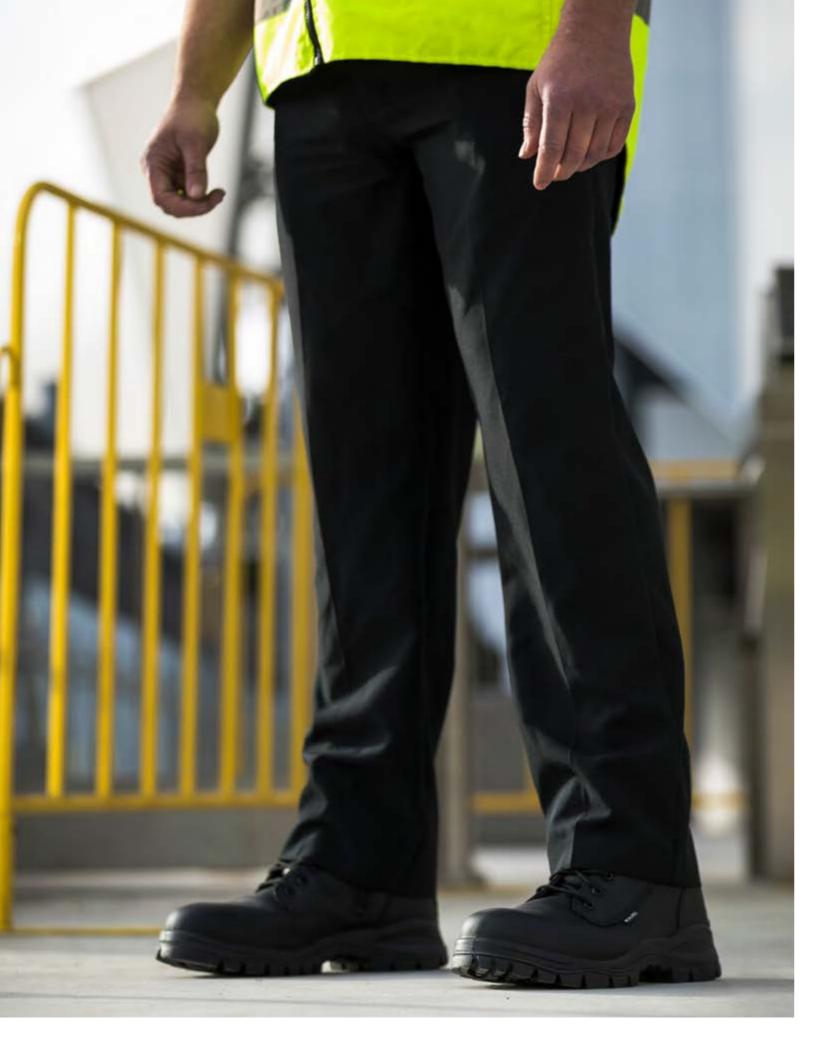


This high-leg riggers safety boot has a water-resistant upper and tough toe guard. Also features reflective strips and a rubber outsole to help stop you slipping.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER

SIZES 5-13 | HALF SIZES 7.5-10.5





UNIFORM BOOT - METAL FREE WITHOUT A SAFETY TOE CAP



Water-resistant with bamboo lining and a shock-absorbing polyurethane midsole, these uniform boots can handle the rough stuff. And since they don't have a safety cap, they're also lightweight and completely metal free — so you don't need to take them off to pass through a metal detector.

UPPER: WATER RESISTANT LEATHER SOLE: RUBBER - METAL FREE

SIZES 3-14 | HALF SIZES 6.5-10.5











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WORKLIFE

WITHOUT A SAFETY TOE CAP

Not all work requires boots with a safety toe cap – but that doesn't mean they can't still be tough as nails.

Blundstone's Worklife series boots are ideal for everything from weekend gardening to industrial and factory work where a toe cap isn't required.





fantastic for light outdoor projects when a steel cap isn't necessary. And with a specially designed tongue that protects from moisture and debris, they can double as a hiking boot on weekends.

UPPER: WATER RESISTANT LEATHER SOLE: TPU

SIZES 5-13 | HALF SIZES 7.5-10.5





WORKLIFE

WITHOUT A SAFETY TOE CAP



If you've got a higher arch, try the #400. It's made with a Chelsea cut upper, which is specially designed to suit wider feet.

UPPER: LEATHER | SOLE: TPU

SIZES 4-13 | HALF SIZES 4.5-10.5





With XRD® Technology for all-day comfort, these boots are equally suited to work or play.

UPPER: LEATHER | SOLE: TPU

SIZES 3-13 | HALF SIZES 5.5-10.5



Ideal for those with a wider foot, the #200 is made with a water-resistant, premium leather upper.

UPPER: WATER RESISTANT LEATHER SOLE: TPU

SIZES 4-12 | HALF SIZES 4.5-10.5





Wherever life takes you, our range of classic boots will get you there in comfort and style. They're also just as durable as our work boots.

CLASSICS AND LIFESTYLE



The original, the best, the boot that others can only imitate. Made from premium leather, the #500 is tough, iconic and looks great with just about anything.

UPPER: PREMIUM LEATHER | SOLE: TPU

SIZES 2-13 | HALF SIZES 2.5-10.5



#510

Sturdy and straightforward, our black leather #510s are proof that simplicity never goes out of style.

UPPER: PREMIUM LEATHER | SOLE: TPU

SIZES 2-13 | HALF SIZES 2.5-10.5



#550

Even the hardiest boot can have a soft side. With its generous fit, the #550 has all the toughness of the #500 plus a luxury lining for extra comfort.

UPPER: PREMIUM LEATHER | SOLE: TPU

SIZES 4-13 | HALF SIZES 4.5-10.5



#063

Whether you're out in the paddock or out on the town, these square-toe dress boots will keep you looking sharp.

UPPER: FULL GRAIN LEATHER | SOLE: TPU

SIZES 3-12 | HALF SIZES 5.5-10.5



#059

With a refined square toe, these brown leather dress boots are just as at home in the city as they are the

UPPER: FULL GRAIN LEATHER | SOLE: TPU

SIZES 3-12 | HALF SIZES 5.5-10.5





#530

Made with a soft cushioned PU sole which is tougher and thicker than most, these Blunnies are fully lined for maximum comfort.

UPPER: FULL GRAIN LEATHER | SOLE: PU

CHILDREN'S SIZES 7-3



#531

Made with a soft cushioned PU sole which is tougher and thicker than most, these Blunnies are fully lined for maximum comfort.

UPPER: FULL GRAIN LEATHER | SOLE: PU

CHILDREN'S SIZES 7-3

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If you work in mining, the food industry or any job where you get your feet wet, you already know how valuable a good pair of gumboots are.

Built in Tasmania to our exacting standards, these are the best out there.

GUMBOOTS SAFETY





Made to withstand the roughest and toughest working environments, the #024 are wide-fitting gumboots with a steel-penetration-resistant midsole. The distinctive upper patterning provides greater resilience to cuts and abrasions.

UPPER: PVC/NITRILE | SOLE: PVC/NITRILE

SIZES 5-13





These sturdy gumboots boast reinforced ankles, heel kick-off lip and a soft metatarsal pad to cushion the bones of your feet and reduce stress on pressure points. The distinctive upper patterning provides greater resilience to cuts and abrasions.

UPPER: PVC/NITRILE | SOLE: PVC/NITRILE

SIZES 5-13





Electrical shock resistant and with a steel toe cap, these are the gumboots of choice for food industry workers across Australia.

UPPER: PVC/NITRILE | SOLE: PVC/NITRILE

SIZES 4-12





Electrical shock resistant and with a steel toe cap, these are the gumboots of choice for food industry workers across Australia.

UPPER: PVC/NITRILE | SOLE: PVC/NITRILE

SIZES 4-12



GUMBOOTS

NON-SAFETY



FEATURES



ANCILLARY RANGE



BOOT GUARDS

Water repellant and made tough, our waxed cotton sock protector will stop debris and dirt from getting in your boots.



ALLROUNDER SOCKS

Thick, comfy and warm, these socks will make your work day that little bit more comfortable. Made from 75% wool and 25% elastane. Colour: Black.

FITS SIZES 7-12



LEATHER BELT

Made from quality leather and featuring a rustic brass buckle, our belts are the perfect way to complement your favourite pair of Blundstones.

MEDIUM (86CM), LARGE (94CM), XL (100CM), XXL (109CM)



BAMBOO SOCKS

Not only are these made with bamboo for extra thickness, they're also environmentally friendly, anti-bacterial and anti-odour. Colour: Black.

FITS SIZES 6-10, 10-14



BOOT BEAST SOCKS

When you need the absolute best, unleash the beast! Made super long for comfort and warmth, these are ideal for wearing under gumboots. Colour: Navy.

FITS SIZES 7-12



POLISH PAD

Short on time? Spruce up your boots in seconds with our Polish Pads. They're a pre-saturated sponge that replenishes the oils that naturally dry with wear.



SHOE POLISH

Take care of your Blundstones and they'll take care of you. Apply this polish after cleaning to rejuvenate the leather, aid water resistance and extend the life of your boots. Available in black and brown.



COMFORT AIR FOOTBED

Give yourself a little extra comfort. These PU footbeds are breathable, washable and anti-bacterial.

SIZES 5-13

XRD® is a registered trademark of Rogers Corporation.



COMFORT ARCH FOOTBED

This super-soft footbed features XRD® inserts that absorb up to 90% of impact. Plus they're breathable, washable and resistant to bacteria.

SIZES 5-13

SAFETY BOOTS GUIDE

	STEEL TOE CAP	MAX COMFORT	PENETRATION RESISTANT	ELECTRICAL HAZARD RESISTANT	ANTI STATIC	140° RESISTANT	300° RESISTANT	SLIP RESISTANT	WATER RESISTANT UPPER	WATER PROOF	OIL/ACID RESISTANT	ORGANIC FAT/OIL RESISTANT	BOA LACING SYSTEM	MET GUARD PROTECTION	Small sizes available	Large size 14
#006	•			•		•		•		•	•	•			•	
#007	•			•		•		•		•	•	•			•	
#024	•		•	•		•		•		•	•					
#025	•			•		•		•		•	•					
#028	•		•	•		•		•		•	•			•	•	•
#140	•	•		•		•		•	•		•	•				
#142	•	•		•		•		•	•		•	•				
#143	•	•		•		•		•	•		•	•			•	•
#144	•	•		•		•		•	•		•	•				
#145	•	•		•		•		•			•	•				
#146	•	•			•	•		•			•	•	•			
#147	•	•			•	•		•			•	•	•			
#172	•	•		•		•		•			•	•			•	•
#297		•		•			•	•	•		•	•			•	•
#310	•	•		•		•		•			•	•			•	
#311	•	•		•		•		•			•	•				
#312	•	•		•		•		•			•	•				
#313	•	•		•		•		•			•	•				
#314	•	•		•		•		•			•	•				
#318	•	•		•		•		•			•	•			•	
#319	•	•		•		•		•			•	•			•	
#742	•	•		•		•		•			•	•			•	
#743	٠	•		•		•		•			•	•			•	
#780	•	•		•		•		•			•	•				
#782 #783	•	•		•		•		•			•	•				
#765 #791	•	•		•		•		•			•	•				
#791	•	•		•		•		•			•	•				
#971	•	•		•			•	•			•	•		•	•	•
#980	•		•	•			•	•		•	•	•	•	•	•	•
#981	•	•		•			•	•			•	•			•	•
#985	•		•	•			•	•		•	•	•	•	•		•
#990	•	•		•			•	•	•		•	•			•	•
#991	•	•		•			•	•	•		•	•			•	•
#992	•	•		•			•	•	•		•	•				
#994	•		•	•			•	•	•		•	•		•	•	•
#995	•		•	•			•	•	•		•	•				
#996	•	•		•			•	•	•		•	•				
#997	•	•		•			•	•	•		•	•				
#998	•	•		•			•	•	•		•	•			•	•

SIZE GUIDE

Blundstone half sizes are the same length as full sizes but offer a wider fit.

MENS/UNISEX SIZING							
Measurement mm's (length)	Men's Blundstone UK/AU Size	USA Size	European Size				
212	2	3	34.5				
212	2.5	3.5	35				
220	3	4	35				
220	3.5	4.5	36				
228	4	5	37				
228	4.5	5.5	37.5				
237	5	6	38				
237	5.5	6.5	38.5				
246	6	7	39				
246	6.5	7.5	40				
254	7	8	41				
254	7.5	8.5	41.5				
262	8	9	42				
262	8.5	9.5	42.5				
271	9	10	43				
271	9.5	10.5	43.5				
280	10	11	44				
280	10.5	11.5	45				
288	11	12	46				
296	12	13	47				
305	13	14	48				
314	14	15	49				

WOMEN'S SIZING FOR STYLES 742 & 743 ONLY							
mm's (length)	Women's Size	UK Size	USA Size	European Size			
220	6	4	5	36			
220	6.5	4.5	5.5	36.5			
228	7	5	6	37			
228	7.5	5.5	6.5	37.5			
237	8	6	7	38			
237	8.5	6.5	7.5	38.5			
246	9	7	7	39			
246	9.5	7.5	8.5	39.5			
254	10	8	9	40			
254	11	9	10	41			

KIDS SIZING							
mm's (length)	Blundstone UK/AU	USA Size	European Size				
144	7	8	24				
152	8	9	25				
161	9	10	26.5				
169	10	11	28				
177	11	12	29				
186	12	13	30.5				
195	13	1	31.5				
203	1	2	33				
212	2	3	34.5				
212	2.5	3.5	35				
220	3	4	35				



