

Start here for the best finish



EDITION
2



**The trowelling machine family from Blue Line...
serious quality for the ultimate finish.**

BLUE LINETM

Lifting Industry Standards

The true blue...

The Blue Heeler (*Australian Cattle Dog*) is a working dog with high energy levels. He's loyal, tough, tireless, intelligent yet controllable; a true Australian breed, and a working man's best friend. These are some of the qualities synonymous with Blue Line.

After selling and servicing trowelling machines for over 30 years, members of the Blue Line team came together to create a range of great quality, great value machinery for the construction industry.

At Blue Line we continually test, innovate and develop machines utilising proven technology from America, Germany and Europe. In answer to the needs of the industry, we have developed a superior range of trowelling machines for the discerning concreter, every one backed up by our 12 month warranty.

The focus of Blue Line marketing is on education and training. Sales representatives are selected for their technical knowledge, professionalism and dedication to customer service. In order to compile invaluable feedback they regularly interact with the entire construction team: owners, design professionals, distributors and contractors.



Quality, innovation and integrity are more than just words at Blue Line. They are the framework for a philosophy which has propelled the company into its current position of reliability and quality.

This philosophy guides Blue Line as it moves towards continued growth in an industry that is helping to improve the way people live, think and work around Australia.

Disclaimer: Whilst all care and attention is taken to ensure correct information at the time of printing, Blue Line does not assume any responsibility for errors that may occur. Please refer to specific user manuals for correct usage of Blue Line products and contact us if you have any questions.



24" PT2400

- **12 months warranty**
for peace of mind
- **Genuine Honda GX160**
Reliable 4-stroke petrol engine
- **All parts locally stocked**
for ultimate backup
- **'Dead Man' cut out switch**
for maximum safety
- **Light weight** for easy manoeuvring
- **Fold down handle**
for easy transport
- **Rotating guard ring**
for close to wall/edging work

Accessories available:

- Vinyl engine covers
- Blade arm covers
- Accessory hooks
- Float pans

PT2400 Trowelling Machine

Barcode:	9328217010263
Fuel Cons.:	1.8l /hr
Tank Capacity:	3.6 litres
Engine:	4.1kw / 5.5hp
Speed Range:	70-145rpm
Weight:	53kg
Pitch Range:	0-15°
Trowel Area:	610mm / 24"
Blades:	RB-1224 (FINISHING)



Suitable for edging against walls, particularly on tilt slab applications and working through doorways in finished buildings. Can be used in small areas when a lightweight machine is needed. Can be used with float pan.

OIL/GREASE RECOMMENDATIONS

Engine oil: SAE 10W-30 Gear box oil: Castrol Alpha SP 220 / Shell Omala 220
Grease for base: Castrol Spheerol SX2 / Shell Retinax SD2



Lifting Industry Standards



34" PT3400

- **12 months warranty**
for peace of mind
- **Genuine Honda GX160**
Reliable 4-stroke petrol engine
- **All parts locally stocked**
for ultimate backup
- **Safety cut-out switch**
for maximum safety
- **Medium weight**
for easy manoeuvring
- **Oil viewing glass** to safeguard
against gearbox damage
- **Heavy-duty gearbox**
for longevity
- **Robust tilt mechanism**
for long lasting precise
tilt adjustment
- **Fully-enclosed handlebar stem**
to protect tilt cable
when cleaning machine
- **Crane lifting hook** for easy
use with a lifting aid
- **Ready for use** Comes fitted
with combination blades

Accessories available:

- Vinyl engine covers
- Blade arm covers
- Accessory hooks

PT3400 Trowelling Machine

Barcode:	9328217010270
Fuel Cons.:	1.81 l/hr
Tank Capacity:	3.6 litres
Engine:	4.1kw / 5.5hp
Speed Range:	70-145rpm
Weight:	70kg
Pitch Range:	0-15°
Trowel Area:	870mm / 34"
Blades:	RB-1136 (COMBO) RB-1236 (FINISHING)



Suitable for smaller to medium-sized house slabs, small factories, warehouses, etc., where a lightweight machine is required.

OIL/GREASE RECOMMENDATIONS

Engine oil: SAE 10W-30 Gear box oil: Castrol Alpha SP 220 / Shell Omala 220
Grease for base: Castrol Spherol SX2 / Shell Retinax SD2



40" PT4000/5

- **12 months warranty** for peace of mind
- **Genuine Honda GX160** Reliable 4-stroke petrol engine
- **All parts locally stocked** for ultimate backup
- **Safety cut-out switch** for maximum safety
- **Oil viewing glass** to safeguard against gearbox damage
- **Heavy-duty gearbox** for longevity
- **Robust tilt mechanism** for long lasting precise tilt adjustment
- **Fully-enclosed handlebar stem** to protect tilt cable when cleaning machine
- **Crane lifting hook** for easy use with lifting aid
- **Ready for use** Comes fitted with combination blades

Accessories available:

- Vinyl engine covers
- Blade arm covers
- Accessory hooks

PT4000/5 Trowelling Machine

Barcode:	9328217011451
Fuel Cons.:	1.81 l/hr
Tank Capacity:	3.6 litres
Engine:	4.1kw / 5.5hp
Speed Range:	70-145rpm
Weight:	76kg
Pitch Range:	0-15°
Trowel Area:	1010mm / 40"
Blades:	RB-8140 (COMBO) RB-1240 (FINISHING)

PT4000/9 Trowelling Machine

Barcode:	9328217011468
Fuel Cons.:	2.9 l/hr
Tank Capacity:	6.0 litres
Engine:	6.7kw / 9hp
Speed Range:	70-125rpm
Weight:	88 kg
Pitch Range:	0-15°
Trowel Area:	1010mm / 40"
Blades:	RB-8140 (COMBO) RB-1240 (FINISHING)



Available
with **5.5hp**
or **9hp**
engine!

A slightly larger machine than the PT3600/5 but 9kg less weight. Used for larger sized house slabs, tilt slabs and car parks etc.

OIL/GREASE RECOMMENDATIONS

Engine oil: SAE 10W-30 Gear box oil: Castrol Alpha SP 220 / Shell Omala 220
Grease for base: Castrol Spherol SX2 / Shell Retinax SD2

Ride-on RT-7800/24

- **12 months warranty** for peace of mind
- **Genuine Honda GX670** 4-stroke 24Hp V-twin petrol engine for reliability
- **Electric start** with heavy duty industrial battery
- **Centrally mounted engine** for even weight distribution
- **Low centre of gravity** for stability
- **Heavy duty gearboxes** suitable for pan use
- **Oil viewing glasses** on gearboxes to safeguard against gearbox damage
- **Dead man safety cut-out switch** for maximum safety
- **4 x 20W lights** for better illumination
- **Individual blade tilt controls** for fine blade adjustment
- **Adjustable water-resistant seat** for comfort
- **Side mounted fuel tank** for easy refueling
- **Fingertip-operated electric water sprayer** with large capacity tank

RT7800/24 Ride-on Machine

Barcode:	9328217011499
Fuel Cons.:	7.61 l/hr
Tank Capacity:	12 litres
Engine:	17.8kw / 24hp
Speed Range:	150-155rpm
Weight:	280kg
Pitch Range:	0-15°
Trowel Area:	910mm / Twin 36" 1.7 m ² coverage
Blades:	RB-1136 (COMBO) RB-1236 (FINISHING)



Used for large commercial applications to efficiently achieve flat slabs. Centrally mounted engine for even weight distribution and ease of control. Low centre of gravity for stability. Non-overlapping design suitable for panning.

OIL/GREASE RECOMMENDATIONS

Engine oil: SAE 10W-30 Gear box oil: Castrol Alpha SP 220 / Shell Omala 220
 Grease for base: Castrol Spherol SX2 / Shell Retinax SD2

Accessories



Accessory hook

- Stainless steel with nylon mounting bushes
- Your hand-trowel is always within easy reach

Code: **PT-0445** Barcode: 9328217010300

Pack Qty: 1

Suits: all walk-behind machines



Engine cover

- High-quality vinyl with polypropylene-tensioned elastic hooks
- Protect your engine and keep your machine running smoother for longer
- Includes weather-resistant pocket for operational manual

Code: **PT-0150** Barcode: 9328217010317

Pack Qty: 1

Suits: all walk-behind machines



Float pan

- Easy-on/easy-off mounting system
- No tools required
- Use for floating prior to finishing

Code: **RB-1024** (PT2400) Barcode: 9328217010324

Code: **RB-1036** (PT3600) Barcode: 9328217010331

Code: **RB-1078** (RT-7800/24) Barcode: 9328217011437



Blade arm covers

- Protects blade arms and bolts from concrete build up

Code: **M-HC81** Suits: PT3400, PT3600/5, PT3600/9

Barcode: 035965060806

Code: **M-HC121** Suits: PT4600/9 & PT3600/13

Barcode: 035965060813

Pack Qty: 4



Crane Lifting Hook

- For easy manual handling

Code: **PT-0128** Suits: Honda GX160 engines

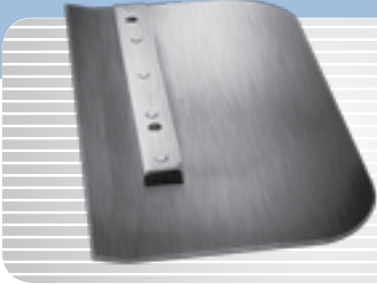
Barcode: 9328217011420

Code: **PT-6128** Honda GX270 & GX390 engines

Barcode: 9328217012441

Pack Qty: 1

Replacement Blades

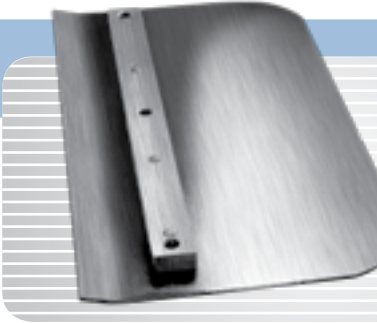


Suits:
 Master Finish 34"
 Coates 34"
 Cromellins 34"
 Flextool 34"

Style 1: Combination Blade

- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-8134	[MFS34-18]
2 x Threaded Holes	3/8" BSW threads
Pack Qty: Set/4 (6.5kg)	Size: 322 x 187mm
Barcode: 9328217002466	

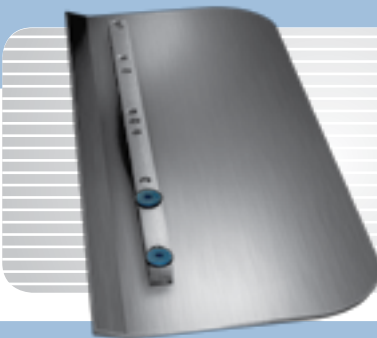


Suits:
Blue Line 40"
 Master Finish 40"
 Cromellins 40"
 Flextool 40"

Style 2: Combination Blade

- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-8140	[MFS40-18]
3 x Threaded Holes	3/8" BSW threads
Pack Qty: Set/4 (9kg)	Size: 375 x 202mm
Barcode: 9328217002695	

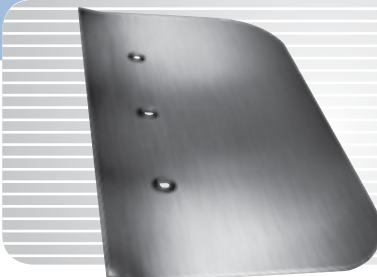


Suits:
Blue Line 46"
 Master Finish 48"
 Flextool 46"
 Wacker 46"
 Bartell 46"

Style 3: Combination Blade

- Includes 16 replacement bolts (suit Blue Line 46")
- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-8146	[MFS46-18]
6 x Threaded Holes	5/16" UNC threads
Pack Qty: Set/4 (9kg)	Size: 450 x 187mm
Barcode: 9328217002763	

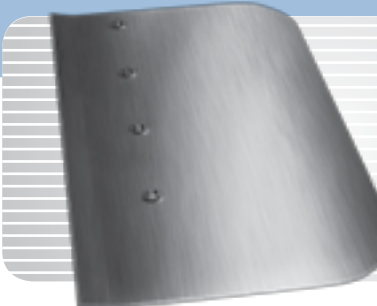


Suits:
 Master Finish 34"

Style 4: Combination Blade

- Includes 16 replacement square head bolts
- Heat treated for higher performance

Code: RB-6134	[MF10-66]
3 x Recessed Holes	Size: 322 x 187mm
Pack Qty: Set/4 (4.5kg)	Barcode: 9328217002770



Suits:
 Master Finish 40"

Style 5: Combination Blade

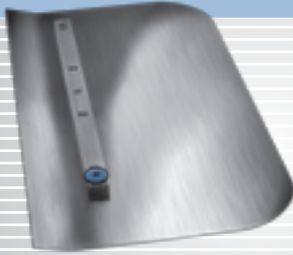
- Includes 16 replacement square head bolts and locking nuts
- Heat treated for higher performance

Code: RB-6140	[MFS10-69]
4 x Recessed Holes	Size: 375 x 200mm
Pack Qty: Set/4 (6kg)	Barcode: 9328217002824



All threaded holes on our blades are countersunk for easier bolt location.

Replacement Blades

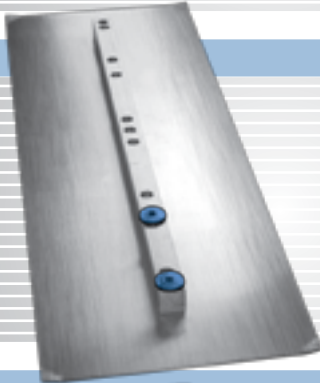


Suits:
Blue Line 34"
Blue Line 36"
Blue Line Ride-On
 Flextool 36"
 Wacker 36"
 Bartell 36"
 Bartell 40"

Style 6: Combination Blade

- Includes 8 replacement bolts (suit Blue Line 34"/36")
- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-1136	[MFS36-10]
3 x Threaded Holes	5/16" UNC threads
Pack Qty: Set/4 (7kg)	Size: 350 x 190mm
Barcode: 9328217002893	



Suits:
Blue Line 46"
 Master Finish 48"
 Flextool 46"
 Wacker 46"
 Bartell 46"

Style 7: Finishing Blade

- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-1246	[MFD46-2]
6 x Threaded Holes	5/16" UNC threads
Pack Qty: Set/4 (6kg)	Size: 455 x 152mm
Barcode: 9328217002978	



Suits:
Blue Line 40"
 Master Finish 40"
 Cromellins 40"
 Flextool 40"

Style 8: Finishing Blade

- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-1240	[MFD40-2]
3 x Threaded Holes	3/8" BSW threads
Pack Qty: Set/4 (6kg)	Size: 375 x 152mm
Barcode: 9328217003173	



Suits:
Blue Line 34"
Blue Line 36"
Blue Line Ride-On
 Flextool 36"
 Wacker 36"
 Bartell 36"

Style 9: Finishing Blade

- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-1236	[MFD36-2]
3 x Threaded Holes	5/16" UNC threads
Pack Qty: Set/4 (4.5kg)	Size: 355 x 152mm
Barcode: 9328217003265	



Suits:
Blue Line 24"
 Flextool 24"
 Bartell 24"

Style 10: Finishing Blade

- Includes 8 replacement bolts (suit Blue Line 24")
- Heat treated for higher performance
- Countersunk threads for easier bolt location

Code: RB-1224	Barcode: 9328217002336
2 x Threaded Holes	1/4" threads
Pack Qty: Set/4 (2.5kg)	Size: 230 x 120mm

Replacement Parts



Square head bolts

- Zinc plated with non-slip head design

Code: **RB-6001** [MF10-62]

Qty: 50/pack

Suits: Style 4 & 5 blades

Barcode: 9328217011079



Lock nuts

- Zinc plated with nylon lock bush

Code: **RB-6002** [MF10-63]

Qty: 50/pack

Suits: Style 4 & 5 blades

Barcode: 9328217011086



Centrifugal clutch

- Genuine Parts – Pack Quantity: 1

Code:	Suits:	Barcode:
PT-1517	PT2400	9328217010454
PT-1105	PT3400, PT4000/5	9328217010461
PT-3115	PT3600/5	9328217010478
PT-6145	PT3600/9, PT4000/9, PT4600/9 & PT4600/13	9328217010485



Oil viewing glass

- Genuine Parts – Pack Quantity: 1

Code:	Suits:
PT-1305	PT3400, PT4000/5 & PT4000/9
	Barcode: 9328217010492
PT-3218	Suits: PT3600/5, PT3600/9, PT4600/9 & PT4600/13
	Barcode: 9328217010000



Throttle cable with lever

■ Genuine Parts – Pack Quantity: 1

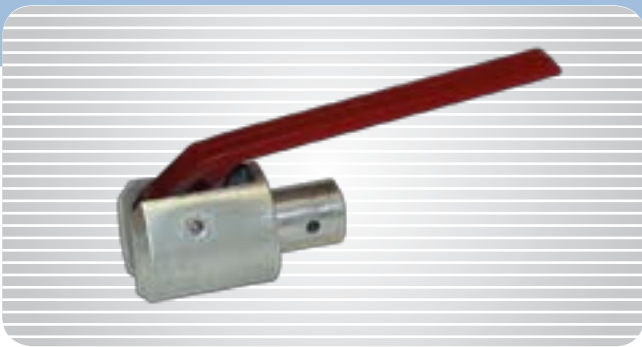
Code:	Suits:	Core:	Barcode:
PT-1620	PT2400	Solid	9328217010348
PT-1300	PT3400	Flexible	9328217012427
PT-1423	PT3400	Solid	9328217012434
PT-3429	PT3600	Flexible	9328217010362
PT-4224	PT3600/PT4000	Solid	9328217010355
PT-0449	PT4600	Flexible	9328217010485
PT-7449	PT4600	Solid	9328217010997



Safety cut-out switch

■ Genuine Parts – Pack Quantity: 1

Code:	PT-1212		
Suits:	PT3400, PT3600/5, PT3600/9, PT4000/5, PT4000/9, PT4600/9 & PT4600/13		
Barcode:	9328217010386		



'Dead-man' cut-out safety switch

■ Genuine Parts – Pack Quantity: 1

Code:	Suits:	Barcode:
PT-1602	PT2400	9328217010409



Vee belt

■ Genuine Parts – Pack Quantity: 1

Code:	Suits:	Barcode:
PT-1515	PT2400	9328217010416
PT-1122	PT3400 & PT4000/5	9328217010423
PT-3119	PT3600/5	9328217010430
PT-5122	PT4000/9	9328217010980
PT-6149	PT3600/9, PT4600/9 & PT4600/13	9328217010447



Gearbox

■ Genuine Parts – Pack Quantity: 1

Code:	Suits:	Barcode:
PT-1518	PT2400	9328217011383
PT-1121	PT3400, PT4000/5, & PT4000/9	9328217011390
PT-3114	PT3600/5, PT3600/9	9328217011406
PT-6114	PT4600/9 & PT4600/13	9328217011413
RT-7110	RT7800/24	9328217012458

Choosing a trowelling machine

Generally, the larger and heavier a trowelling machine is, the faster and more effectively you can cover a slab. The most common sizes are 24", 34", 36" 40" and 46" and there are a number of features to consider when choosing a trowelling machine.

Regardless of the size and weight, the most important feature of a trowelling machine is its ability to operate in a smooth balanced way. The correct machine must be chosen to suit the type and scale of work being performed.

A strong base and blade arm construction is essential to ensure the blades stay well balanced. Check that the blade arms have tensioners or springs to prevent blades from pivoting and digging in when lifting the machine onto the concrete.

A heavy-duty gearbox is vital for years of trouble-free use and will also determine whether the machine is suitable for float pan use.

The motor should be a reputable brand – e.g. Honda – and have adequate power to drive the trowelling machine. The ease of maintenance and services should also be considered. Always find out if spare parts are readily available and that the machine can be easily maintained.

Ensure you are easily able to check the gearbox oil level to safeguard against unwanted gearbox damage.

As the handlebars are your point of contact with your machine, a comfortable user-friendly design is important and should be easily adjustable for utmost comfort and control. Handlebar stem lengths vary and will also affect the way the machine feels and performs.

A well-engineered machine will incorporate a stem that is not too short (which makes the machine harder to control) and not too long (which makes the machine awkward).

Safety features should also be taken into account and include adequate guard rings and a centrifugal safety cut-out switch. The throttle level ideally should be at your fingertips to allow for maximum control while trowelling. If you intend to use a crane or hoist to lift your machine make sure a lifting hook is available or, better still, supplied as a standard attachment.

Lastly, check the warranty period. If the trowelling machine manufacturer is confident of the quality, the machine will be covered by at least 12 months warranty.

The use of a trowelling machine

Trowelling machines are used to achieve strong, flat and durable floors. While trowelling machines will not level a floor, they are designed to help create a finish that would be difficult to achieve by a manual process.

While small indentations and high spots can be corrected by the trowelling machine, the floor must be levelled and screeded prior to its use.

While every concreter has his own style and technique, there is a basic theory behind the use of a trowelling machine and the laying and finishing of every concrete slab. To produce the best result, several passes over the floor are required.

