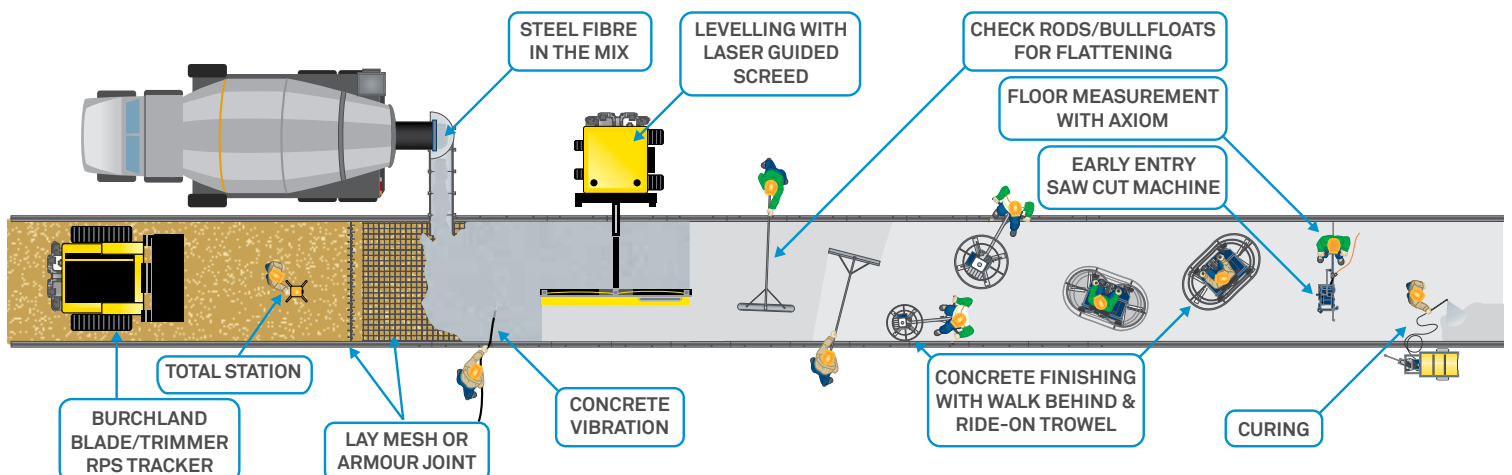




## A FULL RANGE OF CONCRETE FINISHING EQUIPMENT



Grass Roots Equipment & Repair P: (515) 672-4262

[www.grassrootseq.com](http://www.grassrootseq.com)

GRASS  
ROOTS

-Equipment & Repair-



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Products

Abrasive Brick	19	Plastic Bubble Roller	21
Adjustable Bull Float Bracket	19	Pneumatic Vibrators	7
Aluminium Bullfloats	38	Pointed Trowels	39
Aluminum Swaged Handle	18	Pumps	12
Betonelli Backpack	5	Rebate Moulds	46
Betonelli Polishing System	32	Ride-On Power Trowels	28
Biscuit Plate Dowel System	46	Round End Aluminium And Magnesium Bull Floats	16
Bn Walkbehind Trowel Transporter	24	Round End Trowel Set	17
Bump Cutter	20	Self-Leveling Scraper Knife	18
Channel Float	20	Serrated Trowels	40
Concrete Finishing Brooms	38	Shovels / Rakes	38
Connolly Capping	47	Sled Pushing Rake	18
Connolly Crack Inducert	47	Slip On Blade	35
Connolly Ground Crack Inducer	47	Spike Shoes	41
Double Beam Screed	22	Square Trowels	39
Dowel Sleeves "Uds"	45	Stainless Steel Knee Boarder With Pads	18
Edgers - Stainless Steel	41	Stainless Steel Walking Groover	40
Electric Power Assy	6	Steel Float Pans	37
Expansion Joint System	45	Steel Floats - Stainless Steel	40
Extension Flexshafts	8	Stucco Dash Brush	19
Extension Flexshafts	13	Super Duty Concrete Vibrators And Heavy Duty	
Flat Wire Broom / Texture Comb	17	Amplitude Vibrators	8
Float Broom Combo Set	19	The Muddy Miracle	13
Flying Groover	21	Trowel Blades And Pan Floats	34
Fresno Trowels	40	Truss Screed 12 Gauge Steel	23
Gasoline Drive Units To Suit Vibrator And Pump Shafts	10	Variable Position Screeds	38
Gauging Trowels	40	Vibra-Bullfloat	15
Groovers	41	Vibratory Truss Screed Alumnum Type	23
Handicap Ramp Bull Floats Set (Aluminium)	16	Walk-Behind Power Trowels	24
Handles & Adaptors	38	Walking Trowel - Stainless Steel	40
Handypump™	11		
Hard Wood Floats	40		
High Frequency Internal Vibrator	9		
Keyjoint	45		
Knee Board Plastic	41		
Lay Flat Hose	13		
Magnesium Floats	40		
Marble Sheen Trowels	39		
Masterscreed	15		
Mastervibe	4		
Material Spreader	21		
Mesh Cage Roller (Rolling Tamper)	21		
Nylon/Steel Brushes	27		



BETONELLI BACKPACK

MODEL	BN-BPGX35	BNBP232	BNBP240	BNBP332	BNBP340
Description	Backpack Concrete Vibrator drive unit c/w Honda GX35	Head Diam. 1.25" Shaft 6.56ft	Head Diam. 1.57" 6.56ft	Head Diam. 1.25" Shaft 9.84ft	Head Diam. 1.57" Shaft 9.84ft

Betonelli Backpack Concrete Vibrator



MASTERVIBE

MODEL		BN-MV44	BN-MV44R
Type		Hard Nose	Resilient Nose Cap
Flexshaft Length	inch	21.45	21.45
Vibrator Head Dia	inch	1.73	1.73
Vibrator Head Length	inch	15.35	15.35
Operating Weight	lbs	28.66	28.66
Shaft Inner Core Dia	inch	0.29	0.29
Shaft Outer Casing Dia	inch	1.10	1.10
Frequency	vib/min	9,000	9,000
Amplitude in Air	inch	0.11	0.11
Engine Make		Honda	Honda
Engine Model		GX35	GX35
Max Rated Power	Hp	1.5	1.5
Fuel Type		gasoline	gasoline

FEATURES

- Vibrator head - steel & resilient nose cap available
  - Flexible shaft with support spring
  - Convenient on/off switch & throttle control
- Adjustable handle
  - Honda 4 stroke 35cc motor
  - Convenient carry strap

ALSO AVAILABLE IN RUBBER TIP

**APPLICATION**  
For slabs, footings, stairways and footpaths.

**LIGHTWEIGHT**  
The unit is light and balanced and is fitted with an adjustable handle and carry strap for user.

**POWER**  
The VIBE provides the solution to vibrating concrete as a portable unit. The Honda four-stroke motor provides hassle free operation and in comparison to a two-stroke motor uses less fuel, has reduced engine emissions.

**EASY TO USE**  
A convenient on/off switch and throttle control built into the handle.

ELECTRIC POWER ASSY

MODEL	PVE 25
Power Input kw(hp)	2.3(3.1)
Current A	13/10
Voltage Volts	115/230
Frequency Hz	50/60
Phase	single
Unloads Speed r/min	17500
Weight kg(lb)	5.5(12)
Connection to Flexible shaft	Hexagonal Socket/Pin



CASING ASSY & POKER HEAD



Casing Assy (flexible shaft inside)

MODEL	LENGTH M (FT)	WEIGHT KG (LB)	CORRESPONDANT TO
VEF2720	2(6.6)	3.8(8.4)	PVK38/PVK45/PVK50
VEF2730	3(9.8)	5.5(12.1)	PVK38/PVK45/PVK50
VEF2740	4(13.1)	7.1(15.7)	PVK38/PVK45/PVK50
VEF2520	5(16.4)	10.4(22.9)	PVK38/PVK45/PVK50

Poker Head

MODEL	PVK38	PVK45	PVK50
Dia x Length mm(in)	38x248(1.5x9.8)	45x381(1.8x15)	50x395(2.0x15.4)
Weight kg(lb)	7.1(15.7)	8.8(19.4)	9.6(21.2)
Centrifugal Force kN	1.38	3.1	3.7
Vibrator Amplitude mm(in)	1(0.04)	1.4(0.06)	1.5(0.06)
Frequency vpm		12000-13000	
Revolution of Flexible Shaft rpm		12000-13000	



1 YEAR WARRANTY

1 ЛЕТ ГАРАНТИЯ



VH  
Electric high frequency internal vibrators

Electric vibrators for concrete consolidation characterised by high performances, consistent speed and remarkable resistant to abrasion.



CM  
Frequency and voltage converters

Frequency and voltage converters equipped with permanent magnets, specifically designed to power high frequency concrete vibrators continuously.



EWO  
High frequency internal vibrators with built-in converter

Equipped with compact electronic frequency converter applied into the supply cable directly, suitable for connection to a single phase main power socket.



ELECTRIC VIBRATORS

High frequency electric vibrators for concrete compaction at the building precast site or concrete factories.



FASTENING  
SYSTEMS

Brackets for quick mounting of vibrators on wooden or steel formworks.



CRS0800 cradle for welding to steel formworks with one nut release.



PNEUMATIC VIBRATORS

Pneumatic vibrators for concrete compaction for formworks or moulds.

HFP4000 or HFP6000 as mounted in CRS0800 cradle. Air fitting included



PNEUMATIC VIBRATORS

MODEL	CENTRIFUGAL FORCE		VIBRATORS	AIR CONSUMPTION	WEIGHT	FIXING TYPE
HFP 4000C	8992 lb	40000 N	15200 RPM	1800 L/MIN	14.5 KG	CRS 080
HFP 6000C	13487 lb	60000 N	14500 RPM	1800 L/MIN	16.3 KG	CRS 080

SUPER DUTY CONCRETE VIBRATORS AND HEAVY DUTY AMPLITUDE VIBRATORS

The Series of Immersion Concrete Vibrators produce high frequency vibration allowing for the efficient compaction of low slump concrete mixes. The epicyclical design of the vibrator range generates high frequency vibration with a low flex shaft speed, the low speed of both the flex shaft and vibrator motor results in longer service life. The rotor generating the vibration is supported by a heavy duty self-aligning bearing and executes a pendulum motion. Vibration is greatest at the tip of the vibrator head.

MODEL		BN28	BN44-6	BN44-9	BN50-6	BN50-9	BN57-6M	BN57-9M
Flexshaft Length	ft	19.68	19.68	29.5	19.68	29.5	19.68	29.5
Vibrator Head Dia	inch	1.1	1.73	1.73	1.73	1.73	2.24	2.24
Vibrator Head Length	inch	16.34	17.9	17.9	17.9	17.9	17.9	17.9
Operating Weight	lb	33	48.5	66	50.7	72.7	55	77
Shaft Inner Core Dia	inch	.39	.5	.5	.5	.5	.5	.5
Shaft Outer Casing Dia	inch	1.1	1.26	1.26	1.26	1.26	1.26	1.26
Frequency	vib/min	11,000	13,000	13,000	13,000	13,000	13,000	13,000
Amplitude in Air	inch	0.02	.07	.07	.07	.07	.08	.08
Hard Nose Cap								

MODEL		BN44-6R	BN44-9R	BN50-6R	BN50-9R	BN57-6R	BN57-9R
Flexshaft Length	m	19.68	29.5	19.68	29.5	19.68	29.5
Vibrator Head Dia	inch	1.73	1.73	1.73	1.73	2.24	2.24
Vibrator Head Length	inch	18	18	18	18	18	18
Operating Weight	lb	48.5	66	50.7	72.7	55	77
Shaft Inner Core Dia	inch	.5	.5	.5	.5	.5	.5
Shaft Outer Casing Dia	inch	1.26	1.26	1.26	1.26	1.26	1.26
Frequency	vib/min	13,000	13,000	13,000	13,000	13,000	13,000
Amplitude in Air	inch	.07	.07	.07	.07	.08	.08
Rubber Tip							



HARD NOSE CAP



RESILIENT NOSE CAP AVAILABLE

NEW HEAVY DUTY AMPLITUDE VIBRATORS

EXTENSION FLEXSHAFTS

Extension shafts extend the length of an existing submersible pump and concrete vibrators. Fitted with the same quick action coupling as the drive units, these extensions allow for quick onsite connection.

APPLICATIONS

- Deep columns.
- Elevated formwork.
- Deep excavations.

MODEL		BN3-EXTENSION	BN6-EXTENSION
Flexshaft Length	ft	9.8	19.68
Operating Weight	lb	24.2	44
Shaft Inner Core Dia	inch	.5	.5
Shaft Outer Casing Dia	inch	1.26	1.26



HIGH FREQUENCY INTERNAL VIBRATOR

HIGH FREQUENCY INTERNAL VIBRATOR WITH BUILT-IN CONVERTER

Compared to vibrating needles powered by heavy mechanical converters or messy fuel types, the bnhf range rises above.

- They are light and flexible with one simple on/off switch
- Constant output frequency maintains the maximum centrifugal Force for high and consistent performance;
- There is a 10 amp fuse protection against short circuits, excessive temperature, power fluctuations
- 4 head sizes: 1.5", 2", 2.3", 2.56"
- Plugs into single phase outlet
- 16ft sbr rubber protection hose with textile reinforcement
- 32ft electric supply cable with 240 volt plug

MODEL		BN38HF	BN50HF	BN59HF	BN65HF
Head diameter	[inch]	1.5	2	2.3	2.56
Head length	[inch]	15.9	18.4	19.6	19
Head weight	[lb]	5.7	11.9	18	20.7
Operating weight	[lb]	26.9	38.3	44.5	49.38
Centrifugal force	[N]	1.700	3.760	5.640	7.330
Rated current [1]	[A]	1.5	2.7	3.0	4.5
Action diameter [2]	[inch]	1.7	2.7	3.5	4.3
Amplitude	[inch]	.07	.08	.09	.10
Power	[kW]	0.5	0.9	3.0	4.5
Input amperage converter	[A]	6	10	5	6
Compaction power [3]	[m3/h]	20	40	45	50

[1] Refer to centrifugal force for amperage assessment  
[2] Measurements vary according to concrete quality and thickness

MADE IN ITALY

PNEUMATIC CONCRETE VIBRATORS

BNAV25/BNAV35/BNAV45/BNAV55/BNAV65/BNAV75

Air Powered Concrete Vibrators

- Induction hardened magnesium steel alloy
- High vibrating power
- Long working life
- Wear resistance and reliability
- Easy operations and compatibility
- Easy maintenance Available in 13ft hose length

MODEL		BNAV25	BNAV35	BNAV45	BNAV55	BNAV65	BNAV75
Head diameter - Dia x L	[inch]	1.1x10	1.37x10.5	1.77x12.44	2.16x1.73	2.55x14.37	2.95x3.85
Head weight	[lb]	1.54	3.3	6.17	9.9	17.4	19.6
Amplitude	[inch]	.019	.023	.023	.031	.035	.047
Air Consumption	[m³/min]	0.36	0.46	0.7	0.8	1.0	1.3

Conversion: 1cfm = 0.028317 m³/min

VIPERVIBE

Mechanical PokerVibrator Head

- Induction hardened magnesium steel alloy
- Excellent gradeability
- Easy operation & compatible
- Comes with Heavy Duty Spiral Protection

MODEL		VV25x6	VV35x6	VV45x6	VV55x6	VV55x9
Tube diameter	[inch]	1	1.3	1.7	2.1	2.1
Total weight	[lb]	30.8	33	39.6	44	72.7
Tube length	[inch]	18.5	19.3	19.7	18.5	18.5
Flexible shaft length	[inch]	.23	.23	.23	.23	.35
Amplitude	[inch]	.027	.031	.035	.037	.037
Frequency	[rpm]	12,000	12,000	12,000	12,000	12,000



## ECO DOBIE

The ECODOBIE™ crafted from recycled plastic, is designed to address the pressing waste management issue while contributing to a greener concrete industry. By integrating this sustainable, durable, lightweight, and affordable product into construction practices, we aim to reduce the estimated 8% of greenhouse gas emissions attributed to the concrete sector.

Our ECODOBIES™ are proudly manufactured in the USA, ensuring high-quality standards and supporting local economies. As a family, female, and minority-owned company, we are committed to promoting diversity and sustainability in our operations, making a positive impact on both the environment and the community.

MAKING THE  
CONCRETE INDUSTRY  
**GREENER**  
ONE DOBIE AT A TIME.



At Earthwise Plastic Concepts, we manufacture and sell ECODOBIES™—plastic rebar supports made entirely from 100% recycled plastic. ECODOBIES™ represent an environmentally friendly approach to enhancing sustainability within the concrete industry.

By utilizing recycled plastic in our products, we effectively divert plastic waste from the recycling stream, encapsulating it within concrete applications. This innovative solution not only contributes to reducing plastic waste but also aids in making the concrete industry greener.



## ECO DOBIE



## FEATURES

- Lightweight, durable, and sustainable plastic dobies.
- Unlike some concrete dobies which are connected, our dobies are manufactured individually therefore there is no product loss due to breakage when separating.
- Sizing heights range from 3in, 2in, to 1.5in, all with the same 3"x3" footprint.
- Our recycled plastic dobies are proudly made in the USA.

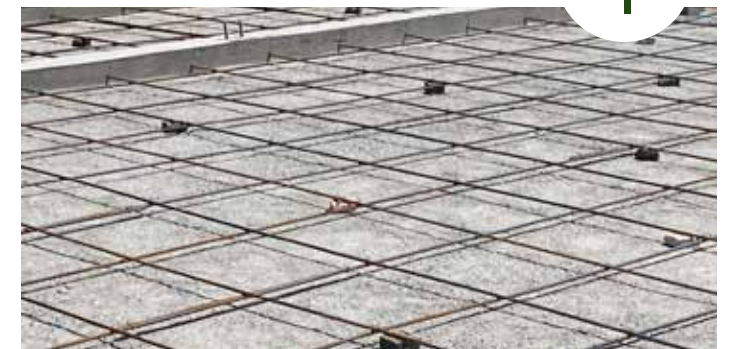
## STORY

The concept for the ECODOBIE™ originated from a growing awareness of the global plastic waste problem, particularly after learning that only a small fraction of the plastic placed in recycling bins is actually recycled. Jim, one of our founders, recognized the potential for utilizing "trash plastic"—low-grade plastic waste that typically ends up in landfills or incinerators—in industrial applications. With experience in the construction industry, Jim saw an opportunity to address both the plastic waste crisis and the demand for sustainable building materials.

## HOW IS OUR DOBIE DIFFERENT?

The ECODOBIE™ plastic rebar support differentiates itself through several innovative features through the product's proprietary Sustainability, Lightweight Design, Cost- Effectiveness, Durability, Environmental Impact, Variable Sizing Options, and Individual Manufacturing Process.

It is designed to replace traditional concrete blocks and other materials used in nonstructural applications. The ECODOBIE™ composition consists of a proprietary blend of mixed plastics that are processed and molded using advanced extrusion techniques, ensuring uniformity and strength.





MASTERSCREED

The Master screed has been engineered to give the maximum frequency of vibration across the entire blade length. This allows the operator to screed the concrete surface in 75% less time than traditional manual screeding methods. The Master screed is also equipped with four independent handle vibration isolators and a fully adjustable twin handle system maximising operator comfort and screed control.

FEATURES

- Four independent handle vibration isolators minimise handle vibration
- Fully adjustable twin handle system for total levelling control
- Rounded extrusion bar ends for easy manoeuvrability around obstacles.
- Blades available in different sizes
- Emergency engine shut off switch
- Extrusion Bars are easily able to be changed within minutes
- Unique extruded blade simultaneously cuts and smooths the concrete
- Tilt up stand keeps the engine out of the concrete and off the ground when not in use

MOTOR HANDLE KIT

MODEL		BN - MPSCREED
Weight	lb	28
Engine Make		Honda
Engine Model		GX35
Max Rated Power	Hp	1.5
Fuel Type		Gasoline

EXTRUSIONS

MODEL	WEIGHT (LB)
BNMP4FE	6.4
BNMP6FE	9.7
BNMP8FE	12.7
BNMP10FE	16
BNMP12FE	19
BNMP14FE	22.5
BNMP16FE	25.5

VIBRA-BULLFLOAT

Vibrating screed, oscillation mechanism to allow working in both directions, producing a very accurate level without the need of guiding rails. It is designed to reduce time spent in leveling and finishing of large areas of concrete. The vibration of the blade improves the consolidation of the concrete. The vibration of the blade improves the consolidation of the concrete and reduces time spent “bull floating” the concrete surface.

FEATURES

- The blade is produced from hollow section aluminium extrusion with convex profiled sole
- The blade angle is easily controlled by a blade pitch control (for forward and backward movement)
- Clip together handle offers a maximum reach of 58 ft with 3 extension sections
- 4 different working widths
- Available with 4 stroke gasoline engine
- Ergonomic design reduces physical effort and fatigue
- Low cost to purchase and maintain
- Easy cleaning and transportation

MODEL	PMDH
Engine Type	Honda GX25
Power Kw(hp)	0.81(1.1)
Weight lb	22
Handle Length ft	5.9 to 17.7

VIBRA-BULLFLOAT MODEL	PMB-1	PMB-2	PMB-3	PMB-4
Length m	4.9	6.5	8.2	9.8
Weight lb	13.6	18.3	22	27.3





ROUND END TROWEL SET

The blue steel round end finisher is made from highly flexible carbon steel and is an effective concrete sealer leaving the surface very smooth. It could be used instead of resorting to a power float finish in many applications.

BLUE STEEL ROUND END FRESNO TROWEL SET					
Model		BN8181	BN8156	8188	BN8180
length	inch	36	48	60	72
width	inch	12	12	12	12

FLAT WIRE BROOM / TEXTURE COMB

FLAT WIRE BROOM						
Model		BN9059	BN9054	BN9057	BN9055	BN9056
Size	inch	48	48	36	36	36
Spacing	inch	.48	.74	.5	.74	1

The Flat Wire Texture Broom produces a uniform rough groove surface on roads and bridges for maximum traction and to keep water flowing off the road.



ROUND END ALUMINIUM AND MAGNESIUM BULL FLOATS

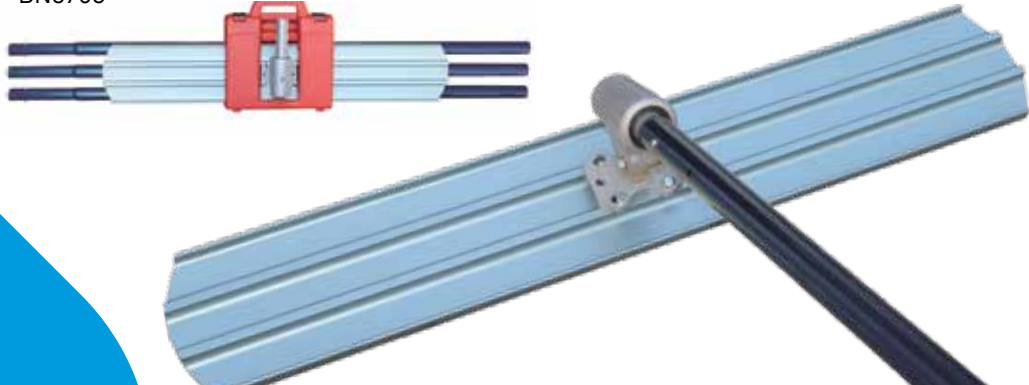
Extruded aluminium and magnesium flat floor tools are specifically designed to improve floor or pavement flatness. Each tool comes standard with three 5.9' clip-together aluminium handles, stabilising outriggers and equalizer pitch adjusting head for precise, even control.

MAGNESIUM BULL FLOATS				
Model		BN8602	BN8605	BN8708
Operating Weight	lb	22	24	26.5
Extrusion Length	inch	48	60	72
Dimensions (w x h)	inch	48 X 8	60 X 8	72 X 8

Magnesium Round End Bull Float Set  
Magnesium bull float round end blade

- + worm gear bracket
- + 3pcs of alum swaged handles (dia.1.77"x72")
- + plastic tool box

BN8708



MAGNESIUM CHANNEL FLOAT

Model		BN8606
Dimensions (w x h)	inch	72 X 8

Magnesium Channel Float Set  
+ worm gear bracket  
+ 3pcs of alum swaged handles (dia.1.77"x72")  
+ plastic tool box

BN8606

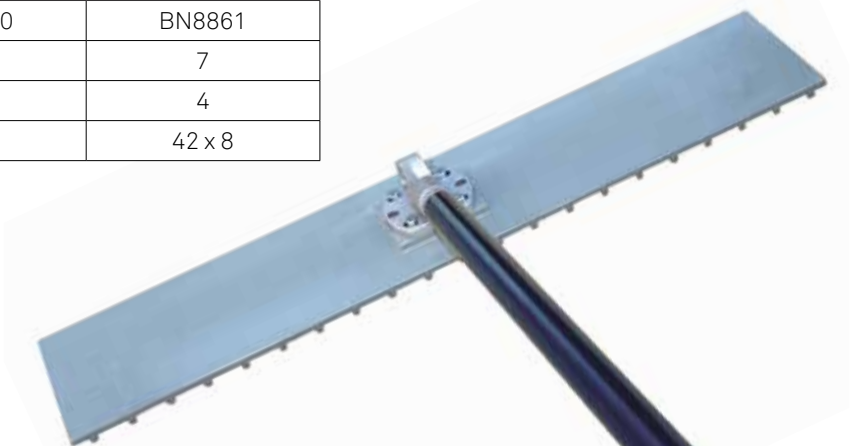


HANDICAP RAMP BULL FLOATS SET (ALUMINIUM)

Produces a uniform sharp groove in various concrete applications.

GROOVER FLOAT			
Model		BN8660	BN8861
Operating Weight	lb	15.4	7
Spacing	inch	2	4
Dimensions (w x h)	inch	42 x 8	42 x 8

- 1pc X Aluminum bull float blade
- 1pc X universal bracket
- 3pcs X aluminum snap handle



SELF-LEVELING SCRAPER KNIFE

SELF-LEVELING SCRAPER KNIFE				
Model		BN9023	BN9024	BN9025
Size	inch	23.6 x 2 x 59	23.6 x 2 x 59	23.6 x 2 x 59
Spacing	inch	.1 x .1	.2 x .2	
Type		V shape tooth	U shape tooth	Plain



SLED PUSHING RAKE

FLOOR DEDICATED SLED PUSHING RAKE				
Model		BN9026	BN9036	BN9037
Size	inch	1.6 x 1.6 x 25.5	1.6 x 1.6 x 36	1.6 x 1.6 x 48



ALUMINUM SWAGED HANDLE

SNAP HANDLES		
Model		BN0589
Size	inch	1.8 x 72
Application		all bull floats

Each product is supplied with 3 x Snap Handles



STAINLESS STEEL KNEE BORDER WITH PADS

STAINLESS STEEL KNEE BORDER WITH PADS			
Model		9065R	9066R
Shape		straight ends	curved ends
Size		28*8"	30*8*3.7"



FLOAT BROOM COMBO SET

FLOAT BROOM COMBO		
Model		BN8173
Size	inch	48

The Flat Broom Combo is an aluminium backed concrete broom + adapter + worm gear bracket with a magnesium steel fresno + 3pc aluminium swaged handles

ABRASIVE BRICK

ABRASIVE BRICK		
Model		BN9005
Size	inch	6 X 3 X 1



STUCCO DASH BRUSH

STUCCO DASH BRUSH		
Model		BN8031



ADJUSTABLE BULL FLOAT BRACKET

Worm Gear Adjustable Bull Float Bracket (Including screw)

WORM GEAR ADJUSTABLE BULL FLOAT BRACKET		
Model		BN8801



BUMP CUTTER

The bumpcutter is designed to assist in achieving good “f” numbers and is especially invaluable when making superflat floors where near zero tolerances are demanded.  
The bumpcutter is supplied with outriggers to avoid bowing of the blade.

BUMP CUTTER		
Model		BNBUMP3M
Operating Weight	lb	26.5
Extrusion Length	ft	10
Dimensions (w x h)	inch	4 x 2

Much more rigid than a traditional bullfloat. the length and depth of the channel radius float make this an ideal tool to pass over the concrete immediately after screeding as it will improve flatness and tolerances right from the start.  
The channel radius has a rounded end for floating and a sharp back edge for cutting.



CHANNEL FLOAT

CHANNEL FLOAT		
Model		BNCHANNEL3M
Operating Weight	lb	37.5
Extrusion Length	ft	10
Dimensions (w x h)	inch	6 x 2

Each product is supplied with 3 x Snap Handles

ACCESSORIES

MODEL	DESCRIPTION
BNPITCHHEAD	Heavy Duty Pitch Control BNPITCHHEAD
BN0589	Heavy Duty Handle - Snap together 2 x 70"
BNRRHEAD	rock n roll head

BNPITCHHEAD



BN0589 SNAP HANDLE



BNRRHEAD



Bull float Rock n Roll head  
• light weight  
• Application: concrete and masonry  
• Material: alum alloy

FLYING GROOVER

FLYING GROOVER				
Model		BN8212	BN8213	BN8214
length	inch	24	24	24
width	inch	8	8	8
depth	inch	.75	1	1.5



PLASTIC BUBBLE ROLLER

PLASTIC BUBBLE ROLLER			
Model		8117	8118
length	inch	10	20
width	inch	1	1



MESH CAGE ROLLER (ROLLING TAMPER)

Mesh rollers are used to push fibre mesh and aggregate into the surface of the concrete. Proper imbedding of both fibres mesh and aggregate greatly assisting when finishing with power trowels.

MODEL	DESCRIPTION
BNMESH9034	HEAVY DUTY MESH CAGED ROLLER - 36"
BNMESH9014	HEAVY DUTY MESH CAGED ROLLER - 48"



Handle to suit sold separately

MATERIAL SPREADER

Used for spreading dry shake materials such as Hardeners & Decorative color hardeners

- FEATURES**
- Hopper takes 220lb of material
  - Discharge range 2.2 to 13 lb
  - Handle folds down for ease of transportation
  - Each wheel axle is independent for easy turning
  - Low down material discharge avoids hazardous
  - Fold down stand for ease of material loading
  - Wheel axles drive hopper blades
  - Exact material measurement per sqm saves material cost and meets exact job specification:

MODEL	DESCRIPTION
BNSPREADER	MATERIAL SPREADER



DOUBLE BEAM SCREED

MOTOR KIT		BN-DBMKIT		
Operating Weight	lb	81.5		
Engine Model		HONDAGX160		
MODEL		BN4.1	BN6.5	BN8.2
Length	ft	13.4	21.3	27
Operating Weight	lb	180.5	258	288
Pretensioned Beam		No	Yes	Yes



Double beam screed lengths

APPLICATION

- Roadways
- Airport aprons
- Slipways
- Spillways
- Tilt panels
- Warehouse floors

FEATURES

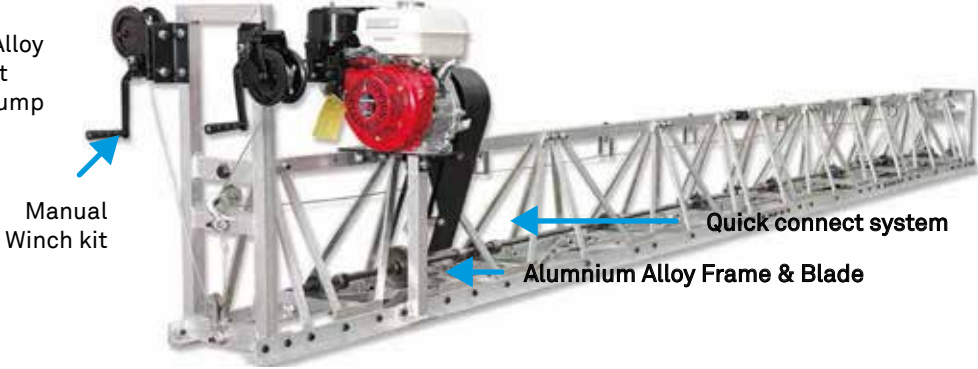
- Vibrating screeds are an effective means of compacting large areas of concrete.
- The vibratory motion of the beams imparts a self propelling motion to the screed.
- Save labour and increase placement rates as a vibrating screed strikes and compacts concrete in one pass.
- Pre-tensioned beams allow the surface flatness to be controlled by adjusting beam pretension & are recommended for precision finishing.
- Spans up to 27 feet.
- Lifting handles are fitted at the ends of the beams. Pull ropes & handles are provided for directional control.
- Two lifting eyes are fitted to the screed to facilitate site handling.



VIBRATORY TRUSS SCREED ALUMNIUM TYPE

FEATURES

- Frame construction : Alumniium Alloy
- Vibration system : eccentric shaft
- Maximum width : 52.5' Lowest slump concrete : 2'
- Max depth concrete : 7.85'
- Blades : Alumniium Alloy

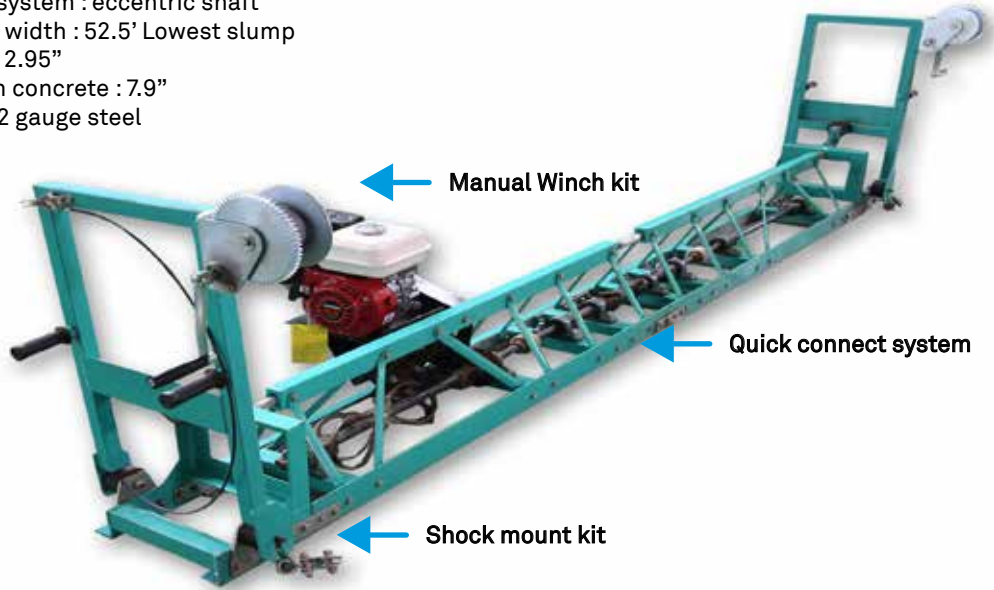


MODEL	BNPS3M	BNCS1M	BNCS1.5M	BNCS2M	BNCS3M	BNEHS3M
Power section	EU type Honda Gx390 E-starter with winch set 3m / 95kg					
Center section		3.2' / 39.5lb	4.92' / 57lb	6.5' / 77lb	9.85' / 114.5lb	
End handle section						9.85' / 132lb

TRUSS SCREED 12 GAUGE STEEL

FEATURES

- Frame construction : 12 gauge steel
- Vibration system : eccentric shaft
- Maximum width : 52.5' Lowest slump concrete : 2.95"
- Max depth concrete : 7.9"
- Blades : 12 gauge steel





WALK-BEHIND POWER TROWELS

- Contoured handle for control and comfort
- Handle are welded tri tube for max strength
- Control cables and wires run inside the handle for protection
- Dual safety stop systems
- Lifting hook
- Lifting hook as standard
- Precision machined bronze gear tailored to a hardened ground worm gear
- Impact resistant aluminium gearbox
- Tapered mainshaft for perfect locking fit to spider plate
- Precision machined spider plate and trowel arms to very fine tolerances Ensure minimum wear and a long service life

Extra Horse power options available for 36" and 40" trowel models

MODEL		BN24	BN30	BN36	BN36D	BN36HD	BN40	BN46
Operating Weight	lb	110	132	165	196	192	187	231
Trowel Diameter	mm (in)	610 (24)	760 (30)	915 (36)	915 (36)	915 (36)	1015 (40)	1165 (46)
Number of Blades		4	4	4	4	4	4	4
Speed Range	RPM	40-130	40-130	40-130	50-130	50-130	40-130	40-150
Blade Pitch Max	Deg	30	30	30	30	30	30	30
Engine Make		Honda	Honda	Honda	Yanmar	Honda	Honda	Honda
Engine Model		GX200	GX200	GX200	L48	GX270	GX270	GX390
Max Rated Power	Hp	5.5	5.5	6.5	4.7	9	9	13
Fuel Type		Gasoline	Gasoline	Gasoline	Diesel	Gasoline	Gasoline	Gasoline

BLADES AND PANS		BN24	BN30	BN36	BN36D	BN36HD	BN40	BN46
Finishing Blades		BN20455	BN20407	BN20414	BN20414	BN20414	BN20414	BN20410 or BNWH8X18
Combination Blades		-		BN20479	BN20479	BN20479	BN20479	BN20480
Pan Float		BN11766		BN11691	BN11691	BN11691	BNB440PAN	-



MODEL	BN36/40	BN46
PART NO.	BN3552	BNDHANDLE46

BN WALKBEHIND TROWEL TRANSPORTER



- The compact BN walkbehind Trowel transporter trolley is an easy one man operational, fix to and use on Bentonelli walkbehind trowels
- Allows for eay maneuverability of the trowels in the factory or on site
- Allows for easy change over and cleaning of trowel blades and the option to fit float pans without the use of a forklift

BN24



BN36



BN3343 ENGINE COVER

SUITS ALL WALK BEHIND TROWELS



BN30



BN46 \*INCLUDES D-HANDLES



## BETONELLI BURNER



INDUSTRY NO 1  
FOR WEIGHT,  
SPEED & POWER!



concrete power  
finishing

MODEL		BN36BHS9.5	BN36BHS14	BN36BHS14E	BN46BHS-14E
Operating Weight	lb	242.5	251	260	160
Trowel Diameter	mm (IN)	915 (36)	915 (36)	915 (36)	1165 (46)
Number of Blades	QTY	4	4	4	4
Speed Range	RPM	40-200	40-200	40-200	40-200
Blade Pitch Max	Deg	30	30	30	30
Engine Make	Make	KOHLER	KOHLER	KOHLER	KOHLER
Engine Model	Model	CH395-3302	CH440-3049	CH440-3280	CH440-3280
Max Rated Power	Hp	9.5	14	14	14
Fuel Type/Engine Type	Type	GASOLINE	GASOLINE	GASOLINE	GASOLINE
Starter	Type	RECOIL	RECOIL	ELECTRIC/ RECOIL	ELECTRIC/ RECOIL

## NYLON/STEEL BRUSHES

Brush up with  Betonelli

Trowel floor  
cleaning system with  
NYLON/steel BRUSHES

Designed for use with our Walk Behind Power Trowels. Used for hard cleaning of floors. The brush is manufactured from high quality Nylons and Steel for durability and performance.



Nylon steel brush pad -reduces scratch marks when cleaning industrial floors



steel pans

RIDE-ON POWER TROWELS

Bentonelli ride on trowels are built from italian design offering quality, reliability, long life well balanced, reliable, heavy duty workhorse that will give you years of service and a great return on your capital investment.

- The contoured handle for maximum control and comfort
  - Handle is laterally welded tri tube for max strength
  - Control cables and wires run inside the handle for maximum protection
  - Precision machined bronze gear tailored to a hardened ground worm gear
  - Tapered mainshaft for perfect locking fit to spider plate
  - Dual safety stop systems
  - Chromed guard ring and handle for easy cleaning
  - Lifting hook as standard
  - Impact resistant aluminium gearbox
  - Precision machined spider plate and matched trowel arms to very fine tolerances ensure minimum wear and a long service life
  - Trowel arms grease grooved ensuring grease moves along the entire contact surface ensuring continual free movement and minimal wear
- Which is all backed by a 4 year gear box guarantee



MODEL		BN30LG	BN36LG	BN36LGH	BN36HG	BN36HGH	BN46HG	BN46LG	BN46H	BN46LGH	BN46GH
Operating Weight	lb	507	661	815.7	771.6	771.6	1146.4	926	1719.6	882	1234.6
Dimensions (l x w x h)	inch	67 x 33.5 x 41.3	76.3 x 39 x 41	74 x 39 x 47	77 x 39 x 49	77 x 39 x 49	98 x 51 x 55	100 x 49.5 x 57	98 x 51 x 55	96.5 x 49 x 55	100 x 50 x 53.5
Trowel Diameter	inch		36	36	36	36	46	95	46	95	46
Number of Blades		8	8	8	8	8	10	10	10	10	10
Speed Range	RPM	150	50-140	50-140	50-140	50-140	50-140	170	60-155	165	165
Blade Pitch Max	Deg	30	30	30	30	30	30	20	30	30	30
Water Tank Capacity	L	10	17	17	20	20	20	17	20	17	20
Engine Make		Vanguard	Honda	Honda	Honda	Honda	Vanguard	Vanguard	Kubota	Vanguard	Vanguard
Engine Model		B&S	GX690	GX690	GX690	GX690	B&S	B&S	V1505	B&S	B&S
Max Rated Power	Hp	14	27	27	27	27	35	35	44 Turbo	35	37
Steer Type		Manual	Manual	Hydraulic	Manual	Hydraulic	Manual	Manual	Hydraulic	Hydraulic	Hydraulic
Fuel Type/ Engine Type		electrical	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline	Diesel	Gasoline	Gasoline
Fuel Tank Capacity	L		17	17	20	20	20	17	20	17	20

BLADES & PANS	BN836	BN836HG	BN46HG	BN46H	BN36LGH	BN46LGH
Finishing Blades	BN20414	BN20414	BN20410	BN20410	BN20414	BN20410
Wide Finishing Blades	BN20414-	BN20414	BNWH8x18-5	BNWH8x18-5	BN20414	BNWH8x18-5
Combination Blades	BN20479	BN20479	BN20480	BN20480	BN20479	BN20480
Pan Float	BN11691	BN11691	BNWH3505	BNWH3505	BN11691	BNWH3505

BN30LG



BN36LGH



BN36LG



BN36HGH



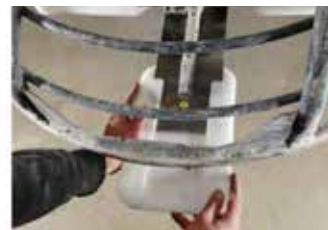
TROLLEY CART SUPPLIED WITH SELECT MODELS





.6INCH THICK PLASTIC BLADES

*SLIDE IN AND OUT IN SECONDS*



.6" thick Plastic Blades are made of the hardest quality plastic and provide outstanding wear resistance, very low coefficient of friction, and exceptional temperature and impact properties. Coneria Slide Blades provide a harder and glossier finish than standard metal finishing blades.

BN46HG



BN46H



BN46LG



BN46GH



BETONELLI POLISHING SYSTEM

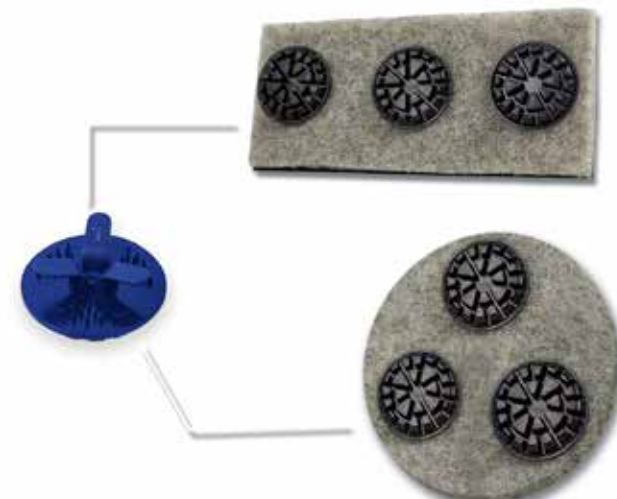


Trowel Size	PER BOX INCLUDE		
	Resin Pads	Fiber Pads	Velcro
36" Trowel	12 pcs	4 pcs 3-hole 6 x 14"	4 pcs 6 x 14"
46" Trowel	20 pcs	5 pcs 4-hole 8 x 18"	5 pcs 8 x 18"

## Resin polishing disc

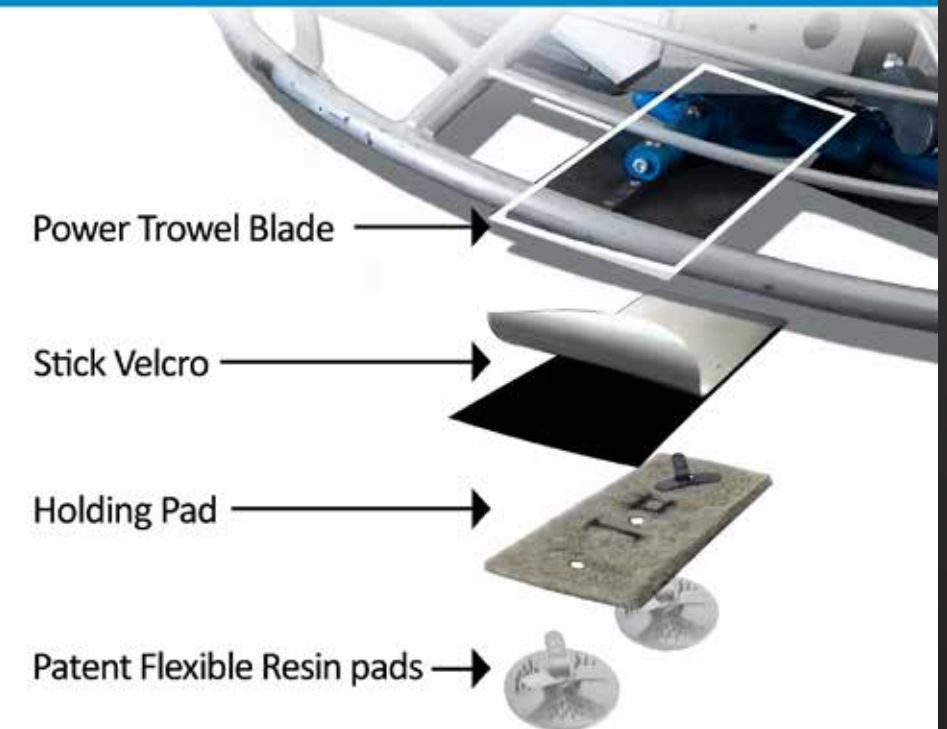
- 1# 50grit, wet for middle exposed
- 2# 100grit, wet for fine exposed
- 3# 200grit, wet for cream
- 4# 400grit, dry for middle gross polishing
- 5# 800grit, dry for high gross polishing
- 6# 1500grit, dry for high gross polishing

**Betonelli Polishing System** can turn your power trowel to a polishing machine in 10 minutes. The mounting pad with the pre-installed patent designed resin discs is suitable for direct mounting on a trowel blade or other form of mounting plate in the market. Different polishing effects from cream to fine aggregate can be obtained by selecting the grit number of 1#-6#.



## HOW TO INSTALL

Turn your power trowel to a polishing machine within 10 minutes. It helps you save time for taking care of the equipment cables or generating airborne dust, it helps you easily polish up to 10,000 square feet per day with a Betonelli Ride-on power trowel BN-36LGH



TROWEL BLADES AND PAN FLOATS

ACD offer a complete line of finishing blades, pan floats and combination blades for ride-on and walk behind power trowels. We offer high-quality steel, high carbon gold series long life and composite plastic.

Finishing blades are designed to produce a smooth and polished finish to the concrete surface.

After the slab has firmed up, blade pitch is increased to a greater angle resulting in a smooth and polished finish.

Combination blades are designed for operators who wish to use one blade for both floating and finishing applications.

During the initial stages of power trowelling the blade is set flat and is used for floating, as the slab firms up the blade pitch is increased to produce a smooth finish.

Pan floats clip onto both finishing or combination blades. Pan floats with their large surface area achieve flatter floors than traditional float blades as are they are more efficient in removing imperfections, bumps and voids.



STEEL BLADES - FINISHING



MODEL		BN20455	BN20430	BN20407	BN20407PL	BN145X315	BN20414	BN20410	BN23X8	BND34-3	BND40-2
Size	in	4.75 x 9	6 x 10.5	6 x 10.5	6 x 10.5	6 x 12.5	6 x 14	6 x 18	8 x 23	6x 12.75	6x 14.75
Weight	lb	4.85	10.5	10.5	10.5	10.5	10.5	13.65	28	11.5	6.00
Pack Size		4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	4 Blades
To Suit		BN424	MasterPac PMT30H	BN430	BN430	BN430LG	BN436 / BN836 BN440	BN446 / BN846	BN446 / BN846	BN34	BN40
Material		steel	steel	steel	plastic	steel	steel	steel	steel	steel	steel

STEEL BLADES - COMBINATION



MODEL	BN20479	BNS34-18	BNS40-18	BN20415	BN20411	BN8X14	BN8X18-5
Size	in	8" x 14"	7.25" x 12.50"	7.75" x 14.50"	10" x 14"	10" x 18"	8" x 18"
Weight	lb	13.22	15.85	18.74	14.33	19.85	28
Pack Size		4 Blades	4 Blades	4 Blades	4 Blades	4 Blades	5 Blades
To Suit		BN436 / BN836 BN440	BN34	BN40	BN436 / BN836 BN440	BN446 / BN846	BN446 / BN846
Material		steel	steel	steel	steel	steel	steel

CARBON BLADES - FINISHING

HIGH CARBON GOLD SERIES BLADES

MODEL		HN20414B	HN20410B
Size	in	6" x 14"	6" x 18"
Weight	lb	10.5	13.66
Pack Size		4 Blades	4 Blades
To Suit		BN436 / BN836 BN440	BN446 / BN846
Material		carbon	carbon

BN20479B	BN20480B
8" x 14"	8" x 18"
13.22	17.63
4 Blades	4 Blades
BN436 / BN836 BN440	BN446 / BN846
carbon	carbon



PLASTIC BLADES - FINISHING



MODEL		BN20455PL	BN20414PL	BN20410PL
Size	in	4.75" x 9"	6" x 14"	6" x 18"
Weight	lb	4.85	10.5	13.66
Pack Size		4 Blades	4 Blades	4 Blades
To Suit		BN424	BN436 BN836 BN440	BN446 BN846
Material		plastic	plastic	plastic

SLIP ON BLADE



BN20414SLIP	BN20410SLIP
6" x 14"	6" x 18"
10.5	13.66
4 Blades	4 Blades
BN436 BN836 BN440	BN446 BN846
plastic	plastic

COMBINATION



BN20479PL	BN20480PL
8" x 14"	8" x 18"
13.22	17.63
4 Blades	4 Blades
BN436 BN836 BN440	BN446 BN846
plastic	plastic

SLIP ON BLADE

REVOLUTIONARY, PATENTED PLASTIC SLIDE BLADES

Patented Slide Blades (Slip on blade) can be easily slid on the standard 6" metal finishing blades in just seconds without any screwing. Time plays a significant role in the concrete finishing. It takes 30-60 minutes to change standard blades, but Slide Blades can be changed in just few seconds. Longevity, quick to change and better price per square foot equalizes to the Slide Blades becoming an everyday finishing blade. Slide Blades consumption is 4921 ft<sup>2</sup>-16404 ft<sup>2</sup> depending do you use on every stage of finishing or just for the final passes. Plastic or teflon blades have specified for long time for all decorative concrete projects such as stain, dye, shake on, integral pigments, polished etc. Burnished steel trowel finish increases the potential for mottling and difficulty in uniformly polishing the slab. Slide Blades totally eliminates the risk of leaving dark burnish marks while power troweling concrete or dry shake hardener floors.

FEATURES

- No burn marks
- Better shine
- No scratches
- Use on every stage of finishing or change quickly under trowel for final passes to eliminate burn marks
- Produce a really uniform and aesthetic surface
- Provide perfect finishing for polished concrete or color hardener project
- High wear resistance, in most cases last longer than steel blades
- Minimize plastic shrinkage
- Much stiffer than poly and regular plastic blades
- Maximum thickness 15 mm/0,6 inch Very low coefficient of friction

.6" THICK PLASTIC BLADES



PAN FLOATS - 4 BLADE



MODEL	BN11766	BN11866	BN11867	BN11691	BN11691P	BN11693	BN11692	BN11691P	BN3504Z
Size	24"	30"	30"	37"	37"	41.25"	48.5"	37"	46.5"
Weight lb	11	12	12	39.6	39.6	57.3	66	39.6	61.7
Type	4 - Blade	4 - Blade	4 - Blade	4 - Blade	4 - Blade	4 - Blade	4 - Blade	4 - Blade / Plastic	4 - Blade
Connection Type	Z Clip	Z Clip	Z Clip	Z Clip	Safety Pin	Z Clip	Z Clip	Z Clip	Z Clip
To Suit	BN24	BN30	BN30LG	BN36 / BN836	BN36 / BN836	BN40	BN46	BN36 / BN836	BARIKELL

PAN FLOATS - 5 + 6 BLADE



MODEL	BN3505	BN3506	BN3505FP	BN3505FZ	BN60X6PSF	BN6205	BN6206	BN1230X5F
Size	46.25"	46.25"	46.25"	46.25"	60"	62"	62"	48.6"
Weight lb	61.7	61.7	61.7	66	131	143	143	66
Type	5 - Blade	6 - Blade	5 - Blade	5 - Blade	6 - Blade	5 - Blade	6 - Blade	5 - Blade
Connection Type	Safety Pin	Safety Pin	Safety Pin	Z Clip	Safety Pin	Safety Pin	Safety Pin	Z Clip
To Suit	BN46HG/ BN46H Whiteman / Allen BN46HGH/ BN46GH	BN46HG/ BN46H Whiteman / Allen BN46HGH/ BN46GH	BN46HG/ BN46H Whiteman / Allen BN46HGH/ BN46GH	BN46HG/ BN46H Whiteman / Allen BN46HGH/ BN46GH	Whiteman STX6H	Allen HDX	Allen HDX	Husqvarna

PLASTIC PAN FLOATS



MODEL	BN11766PL	BN1866PL	BN11691PL	BNWH3505PL
Size	24"	30"	36"	46"
Thickness inch	.8	.8	.8	.8
Type	4 - Blade	4 - Blade	4 - Blade	4 - Blade
Material	HDPE(white color)	HDPE(white color)	HDPE(white color)	HDPE(white color)
To Suit	BN24	BN30	BN36 / BN836	BN36 / BN836

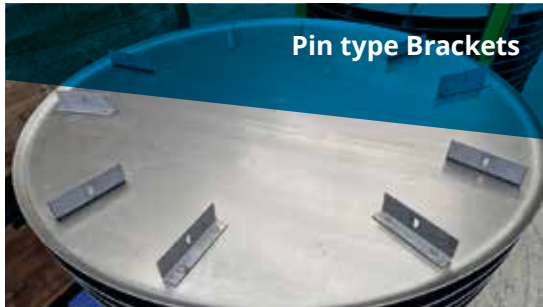
STEEL PANS



STEEL  
PANS



Z Type Brackets



Pin type Brackets

Manufactured in various sizes from 23.6 inch Diameter to 63 inch Diameter, in thickness from .08 inch to .18 inch.

Z type Brackets or pin types available on all Pans.

Available in Curved or Flat Finish.

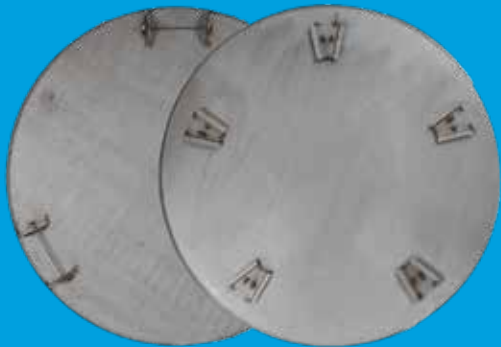
Shipped on Steel pallets in quantities of 50.

STEEL FLOAT PANS

All States produce pans for riding trowels which are the industry choice when high FF numbers are specified on a concrete floor. Our pan tolerances cut bumps and fill low spots in the concrete floor. Made to the same tolerances as the trowels themselves, nothing finishes better.

TWO TYPES OF PANS

We offer two types of pans, the Flat (0" to .1" dish) and the Mild Dished (.24" to .37") steel pans. This gives contractors more pan choices.





SHOVELS / RAKES

PART NO.	DESCRIPTION
BNGT75	Steel Shovel square mouth d handle 41.3 inch long
BNSQUE75	Squeegies
BNSQUE200	Squeegies
BNRAKETP	Texas Placer
BN-RAKEPP	Concrete Rake-Dual-Pull & Push 65 inch
BN1150	Steel Shovel With D Handle-54.2 inch
BN1050	Steel Shovel-41.3 inch

ALUMINIUM BULLFLOATS

PART NO.	DESCRIPTION
BNMP600	BULLFLOAT 23.6 inch
BNMP900	BULLFLOAT 35.4 inch
BNMP1200	BULLFLOAT 47.2 inch
BNMP1500	BULLFLOAT 59 inch
BNMP1800	BULLFLOAT 70.8 inch

\*Suitable for Clip Together or Telescopic Handles.

VARIABLE POSITION SCREEDS

PART NO.	DESCRIPTION
BNC12	SCREED CLAMPED HANDLE 47.2 inch VIAL
BNC15	SCREED CLAMPED HANDLE 59 inch VIAL
BNC18	SCREED CLAMPED HANDLE 70.8 inch VIAL
BNC21	SCREED CLAMPED HANDLE 82.6 inch VIAL
BNC24	SCREED CLAMPED HANDLE 94.5 inch VIAL
BNC27	SCREED CLAMPED HANDLE 106.3 inch VIAL
BNC30	SCREED CLAMPED HANDLE 118 inch VIAL
BNC36	SCREED CLAMPED HANDLE 141.7 inch VIAL
BNC42	SCREED CLAMPED HANDLE 165 inch VIAL

HANDLES & ADAPTORS

PART NO.	LENGTH (M)	FEATURES
BN0076	HANDLE TELESCOPIC EXTENSION - EXTENDS FROM 9ft TO 16.4ft	Lock nut handle length adjustment
BN0588	HANDLE CLIP TOGETHER 5.9ft	Clip together handle
BN10076E	HANDLE TELESCOPIC ADAPTOR	Removable adaptor tube
BNSB	STANDING BRACKET	

CONCRETE FINISHING BROOMS

PART NO.	DESCRIPTION
BN1572	BROOM 23.6 inch
BN1574	BROOM 35.4 inch
BN1575	BROOM 47.2 inches

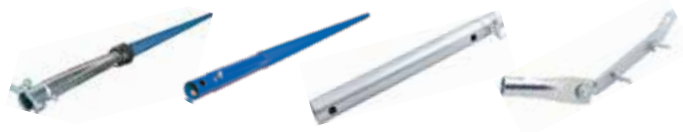
\*Suitable for Clip Together or Telescopic Handles.



These lightweight and hard wearing bullfloats are made from the finest extruded material. They are multi-ribbed for strength with the standard blade being rounded. The complete assembly comes with a pitch control gearhead and three snaplock extension handles.



The variable position screed is extremely light and to help cut bumps and smooth the concrete surface it has rounded and square profile edges. The clamp handle can be reversed to the other side of the beam to for longevity of the screed. A level bubble completes the screed.



POINTED TROWELS

PART NO.	DESCRIPTION
BN101P	Pointed Trowel, 4.7x14.3 inch
BN103P	Pointed Trowel, 4.7x14.3 inch, Heavy Steel,
BN109P	Pointed Trowel, 3.9x14inch, Steel
BN191P	Pointed Trowel, 4.5x16 inch, Steel,
BN192P	Pointed Trowel, 4.5x417.7 inch, Steel,
BN165P	Pointed Trowel, 4.5x23.6inch, Steel,

SQUARE TROWELS

PART NO.	DESCRIPTION
BN162	Square Trowel, 11x4.7 inch, Heavy Steel
BN181	Square Trowel, 4.5x16 inch, Steel,

MARBLE SHEEN TROWELS

PART NO.	DESCRIPTION
BN120	Marble Sheen Trowels, Length 11.8 inch, Steel
BN121	Marble Sheen Trowels, Length 13.7 inch, Steel
BN122	Marble Sheen Trowels, Length 17.7 inch, Steel
BN126	Marble Sheen Trowels, Length 21.8 inch, Steel,

Hard Plastic Handle



GAUGING TROWELS

PART NO.	DESCRIPTION
BNGT180	Gauging trowel 7 inch
BNGT200	Gauging trowel 7.87 inch

SERRATED TROWELS

PART NO.	DESCRIPTION
BN1QTF	.17 inch serrated teeth
BN1QTF2	.23 inch notched square teeth

STAINLESS STEEL WALKING GROOVER

PART NO.	DESCRIPTION
BN8209	7 inch*4.3inch* Depth:1 inch
BN8210	7 inch*4.3inch* Depth:1.25 inch
BN8211	7 inch*4.3inch* Depth:38 inch

+ 2pc of alum swaged handle: 72inch\*Ø1.37 inch

FRESNO TROWELS

PART NO.	DESCRIPTION
BN607	Fresno Trowel 23.6x4.5x.02 inch Round ends, tilt Mechanism on BNacket fitted, Mn steel blade

HARD WOOD FLOATS

PART NO.	DESCRIPTION
BN802	Wood Floats, 4.9x14.3 inch
BN804	Wood Floats, 1.9x18.3 inch

STEEL FLOATS - STAINLESS STEEL

PART NO.	DESCRIPTION
BN219S	Floats, 5.9x15 inch, Stainless Steel
BN209S	Floats, 6.3x8.2 inch, Stainless Steel

MAGNESIUM FLOATS

PART NO.	DIMENSIONS
BN251	Magnesium Floats, 2.7x16 inch
BN252	Magnesium Floats, 2.7x20 inch

WALKING TROWEL - STAINLESS STEEL

PART NO.	DIMENSIONS
BN555	Walking Trowel 23.6x4.7x.027 inch Round ends, Mn steel blade



\*Suitable for Clip Together or Telescopic Handles.



\*Suitable for Clip Together or Telescopic

EDGERS - STAINLESS STEEL

PART NO.	DESCRIPTION
BN401S	Edgers, Radius-.2 inch, Width-2.95 inch, Length-5.5 inch, Depth-.47 inch, Stainless Steel
BN403S	Edgers, Radius-.39 inch, Width-2.95 inch, Length-5.5 inch, Depth-.75 inch, Stainless Steel
BN406S	Edgers, Radius-.23 inch, Width-3.9 inch, Length-5.9 inch, Depth-.55 inch, Stainless Steel
BN408S	Edgers, Stainless Steel. Radius-.75 inch, Width-2.95 inch, Length-5.5 inch, Depth-7.4 inch
BN414S	Edgers, 45 Degree Angle, 4.9x1 inch Stainless Steel
BN701S	Large Edgers, 1 inch, 5.9 inch, Stainless Steel
BN702S	Large Edgers, 1 inch, 4.4 inch, Stainless Steel
BN703S	Large Edgers, 1 inch, 4.4 inch, Stainless Steel
BN706S	Large Edgers, .39 inch, 4.1 inch, Stainless Steel
BN708S	Large Edgers, .78 inch, 5.5 inch, Stainless Steel
BN712S	Edgers, 6x4 inch, Radius-.5 inch, Lip-.75 inch, Stainless Steel
BN8201	Stainless Steel Concrete Hand Groover:7 inchX4.3 inchX 1.5 inch (Depth)
BN8202	Stainless Steel Concrete Hand Groover:7 inchX4.3 inchX .39 inch (Depth)
BN8203	Stainless Steel Concrete Hand Groover:7 inchX4.3 inchX 1 inch (Depth)
BN8204	Stainless Steel Concrete Hand Groover:7 inchX4.3 inchX1.25 inch (Depth)



GROOVERS

PART NO.	SIZE (INCH)		QTY PER BOX
BN125S	5.7 (L)	4.9 (W)	6
BN125C	5.7(L)	4.7 (W)	6



Groover (Safety Step)

Groover (Corrugated)

PART NO.	SIZE (INCH)
BN8209	Stainless steel walking Groover:7 inch*4.3 inch* Depth:1 inch+ of handle: 72 inch*Ø1.3 inch
BN8210	Stainless steel walking Groover:7 inch*4.3 inch* Depth:1.25 inch+ 2pc of handle: 72 inch*Ø1.3 inch
BN8211	Stainless steel walking Groover:7 inch*4.3 inch* Depth:1.25 inch+ 2pc of handle: 72 inch*Ø1.3 inch



SPIKE SHOES

PART NO.
BN9021



KNEE BOARD PLASTIC

PART NO.
BNKB35



BETON JOINT SYSTEM

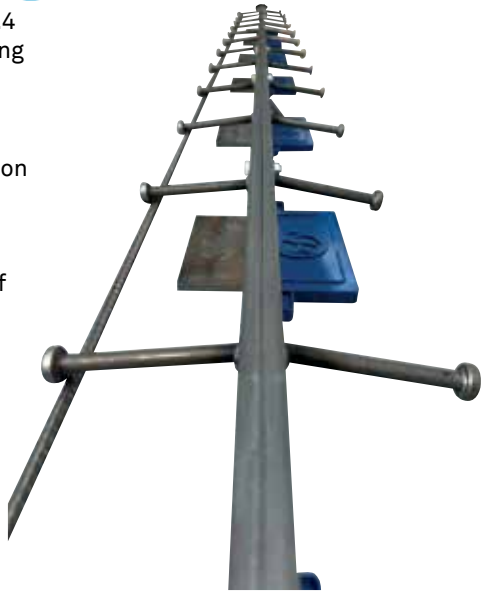
Beton prefabricated armoured floor joint system is designed as per TR34.4 to meet the demanding needs of today's industrial concrete ground bearing and piled floors.

SYSTEM BENEFITS

- Easy and fast installation with a help of fixing devices
- Prefabricated leave-in-place free movement joint system with a function of formwork
- A wide range of integral load transfer mechanisms to suit all floor loadings
- Heavy Duty performance with cold drawn steel for extreme armoring of joint arises
- Easy and fast installation with a help of fixing devices
- The system enables flooring contractors to cast industrial concrete floors for the high flatness category and super flat floor construction

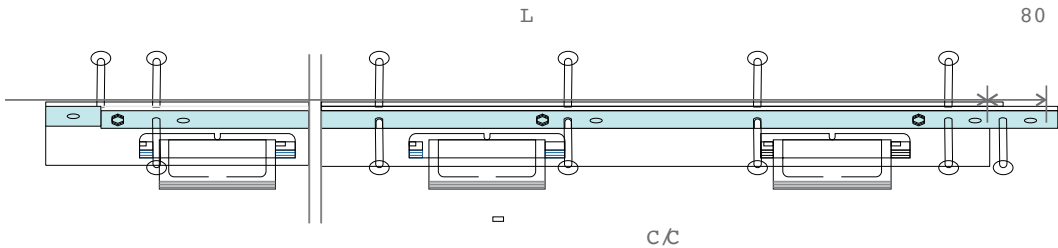
SYSTEM IS SUITABLE FOR THE FOLLOWING FACILITIES

- Warehouses
- Factories
- Logistics Centres
- Car Parks
- Depots



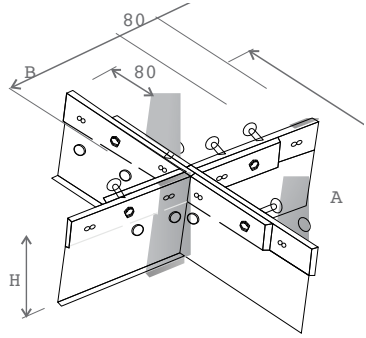
AJF TYPE	JOINT HEIGHT INCHES	DOWEL TYPE	DOWEL CENTERS C/C - INCHES	JOINT LENGTH L- INCHES	SUITABLE SLAB THICKNESS H
0.24 dowel plate					
BNAFJ6-90-3000	3.54	FJD6	19.69	118.11	3.94-4.72
BNAFJ6-115-3000	4.53	FJD6	19.69	118.11	4.72-5.71
BNAFJ6-135-3000	5.31	FJD6	19.69	118.11	4.92-5.71
BNAFJ6-145-3000	5.71	FJD6	19.69	118.11	5.71-6.69
BNAFJ6-160-3000	6.30	FJD6	19.69	118.11	6.69-7.68
BNAFJ6-185-3000	7.28	FJD6	19.69	118.11	7.68-8.86
BNAFJ6-215-3000	8.46	FJD6	19.69	118.11	8.86-9.84
BNAFJ6-230-3000	9.06	FJD6	19.69	118.11	9.65-10.63
BNAFJ6-245-3000	9.65	FJD6	19.69	118.11	10.24-11.81
0.39 dowel plate					
BNAFJ10-135-3000	5.31	FJD10	19.69	118.11	4.92-5.71
BNAFJ10-145-3000	5.71	FJD10	19.69	118.11	5.71-6.69
BNAFJ10-160-3000	6.30	FJD10	19.69	118.11	6.69-7.68
BNAFJ10-185-3000	7.28	FJD10	19.69	118.11	7.68-8.86
BNAFJ10-215-3000	8.46	FJD10	19.69	118.11	8.86-9.84
BNAFJ10-230-3000	9.06	FJD10	19.69	118.11	9.65-10.63
BNAFJ10-245-3000	9.65	FJD10	19.69	118.11	9.65-11.81

Beton Joints can design and manufacture the special heights of joint as per customer requirements.



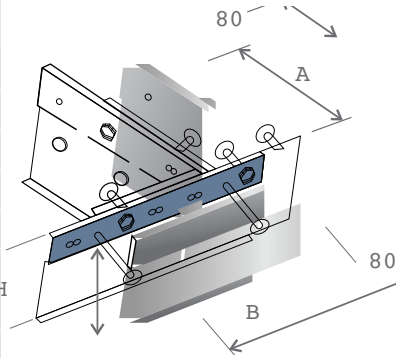
BNAFJ4 WAY “+” 4-WAYS SECTIONS

AJFTYPE	JOINT HEIGHT H INCHES	SIZE A - INCHES	SIZE B - INCHES
BNAFJ+90	3.54	15.75	15.75
BNAFJ+115	4.53	15.75	15.75
BNAFJ+135	5.31	15.75	15.75
BNAFJ+145	5.71	15.75	15.75
BNAFJ+160	6.30	15.75	15.75
BNAFJ+185	7.28	15.75	15.75
BNAFJ+215	8.46	15.75	15.75
BNAFJ+230	9.06	15.75	15.75
BNAFJ+245	9.65	15.75	15.75



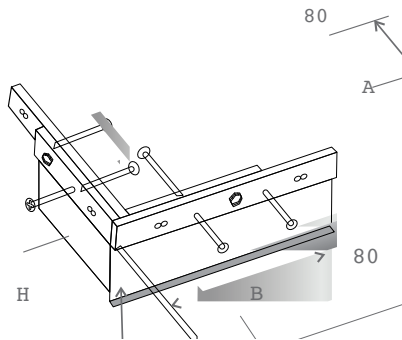
BNAFJ “T” 3-WAYS SECTIONS

AJFTYPE	JOINT HEIGHT H INCHES	SIZE A - INCHES	SIZE B - INCHES
BNAFJ-T90	3.54	6.30	15.75
BNAFJ-T115	4.53	6.30	15.75
BNAFJ-T135	5.31	6.30	15.75
BNAFJ-T145	5.71	6.30	15.75
BNAFJ-T160	6.30	6.30	15.75
BNAFJ-T185	7.28	6.30	15.75
BNAFJ-T215	8.46	6.30	15.75
BNAFJ-T230	9.06	6.30	15.75
BNAFJ-T245	9.65	6.30	15.75



BNAFJ “L” 2-WAYS SECTIONS

AJFTYPE	JOINT HEIGHT H INCHES	SIZE A - INCHES	SIZE B - INCHES
BNAFJ-L90	3.54	6.30	15.75
BNAFJ-L115	4.53	6.30	15.75
BNAFJ-L135	5.31	6.30	15.75
BNAFJ-L145	5.71	6.30	15.75
BNAFJ-L160	6.30	6.30	15.75
BNAFJ-L185	7.28	6.30	15.75
BNAFJ-L215	8.46	6.30	15.75
BNAFJ-L230	9.06	6.30	15.75
BNAFJ-L245	9.65	6.30	15.75



CONNOLLY CAPPING

MODEL	DESCRIPTION	COLOUR
CKJ-KJCAPR-BLACK	Retained Permanent Cap for Keyjoint - 24m Roll	Black
CKJ-KJCAPR-GREY	Retained Permanent Cap for Keyjoint - 24m Roll	Grey
CKJ-KJCAPT-BLACK	Tear-Off Retained Permanent Cap for Keyjoint - 24m Roll	Black
CKJ-KJCAPT-GREY	Tear-Off Retained Permanent Cap for Keyjoint - 24m Roll	Grey



CONNOLLY GROUND CRACK INDUCER

MODEL	SIZE	PACK
CKJ-CGI25	0.98 in x 9.84 ft	10
CKJ-CGI50	1.97 in x 9.84 ft	10



BETON BUSTER DRIED CONCRETE DISSOLVER

# BetonBuster

## Beton Buster Dried Concrete Dissolver

**Description:** *Beton Buster* Dried Concrete Dissolver is an Eco friendly, specially formulated industrial strength product that will remove Rust, Lime-Scale and Concrete from tools, equipment, and most surfaces. *Beton Buster* Dried Concrete Dissolver can be used on acid resistant natural stone such as granite, ceramics, porcelain, and acid resistant tiles. Always pre-test in an inconspicuous area for product suitability.

**Beton Buster Advantages:**

- Safe on most surfaces including glass, sealed tiles, painted surfaces, plastics, stainless steel, brick and aluminium
  - Non-Flammable
  - Low Odour
  - Water Based
  - Non-VOC's or HAP's
  - Environmentally sensitive
  - Highly effective in the removal of surface rust and calcium build up
  - Highly effective at penetrating and dissolving concrete
- Tradeline Tool Cleaner / Concrete Dissolver can be used full strength for heavy duty or diluted for light soil and surface rust.

Before



After



**Beton Buster Uses:**

- Beton Buster Dried Concrete Dissolver removes rust, scale and concrete from hand tools, construction equipment, garden tools, chains and many other items to as new condition
- Takes rust and rust stains off concrete and tiles
- Is ideal in removing grout haze from fresh laid tiles
- Will remove plaster runs and splatter from brickwork, tiles and tools

**Cleaning tools- Rust:** Fill a small tray or bucket with Beton Buster Dried Concrete Dissolver and submerge the rust covered item into the solution. Allow it to soak overnight and watch the rust disappear bringing it to near new condition. For items that have a tin element in their composition a light buff with a scourer will remove any black residues.

**Pack Size:** *Beton Buster* Dried Concrete Dissolver is available in 25.36 fl oz, 1.32 gal, 5.28 gal and 52.83 gal drums.

BETON CHEMICALS

# BetonSlide

A chemically safe and effective quick break bond breaker designed to specifically break the bond of concrete and asphalt. Performance exceeds that of traditional hydrocarbon based solvents. Designed to use on laser screeds, trowel machines, plant and equipment, vehicles, tools, concrete paving ,workshop floors, and all areas where asphalt/bitumen is used.

AVAILABLE SIZES

5.28 gal | 52.83 gal | 264.17 gal



# BetonBuster

BetonBuster Dried Concrete Dissolver is an Eco friendly, specially formulated industrial strength product that will remove Rust, Lime-Scale and Concrete from tools, equipment, and most surfaces. Beton Buster Dried Concrete Dissolver can be used on acid resistant natural stone such as granite, ceramics, porcelain, and acid resistant tiles. Always pre-test in an inconspicuous area for product suitability.

AVAILABLE SIZES

25.36 fl oz | 1.32 gal | 2.64 gal | 5.28 gal



# BetonXpose

BetonXpose is designed to expose aggregate in freshly poured concrete by delaying the surface set off time. Typically 12–24 hours depending on the concrete type, temperature, humidity and wind. To remove the cement paste from the surface use a pressure washer at 3000-4000 to reveal the attractive exposed aggregate finish.

AVAILABLE SIZES

25.36 fl oz | 1.32 gal | 2.64 gal | 5.28 gal | 52.83 gal



# BetonGelXpose

BetonGelXpose Form Gel Retarder is an Eco friendly, water-soluble thick retardant that can be applied to both vertical and horizontal surfaces to expose the aggregate in concrete.

AVAILABLE SIZES

25.36 fl oz | 1.32 gal | 2.64 gal | 5.28 gal



# BetonCure

BetonCure Spray Film is a water-based fluid, that when sprayed on fresh concrete will retard the concrete surface from drying out in hot and windy conditions. This is achieved by BetonCure Spray Film creating a shield of millions of microscopic air cells (bubbles) that will improve water retention and retard water evaporation.

AVAILABLE SIZES

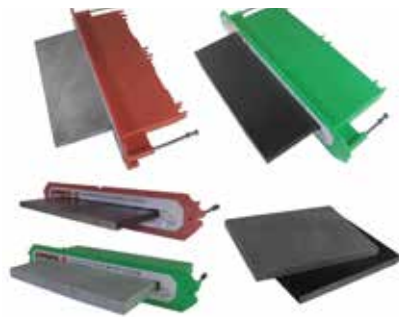
25.36 fl oz | 1.32 gal | 2.64 gal | 5.28 gal | 52.83 gal | 264.17 gal



BISCUIT PLATE DOWEL SYSTEM

FEATURES

- Available in .23” and .39” black, galvanised
- .23” - Lateral movement capabilities
- .39” - Both lateral and end expansion capabilities
- High load and minimal deflection tested qualities
- Fix to timber and steel formwork, using supplied fixing nails and screws
- Ideally suited for construction joints
- Large section sizes (5.9” x 4.3”) creates increased coverage



MODEL	DOWEL PLATE SIZE	SLEEVE COLOR	DOWEL FINISH	PACK
CKJ-CBPS6BLK	.23”	Red	Black	10pcs
CKJ-CBPS6BLK500	.23”	Red	Black	Bulk 600pcs
CKJ-CBPS6GAL	.23”	White	Gal	10pcs
CKJ-CBPS6GAL500	.23”	White	Gal	Bulk 600pcs
CKJ-CBPS10BLK	.39”	Green	Black	10pcs
CKJ-CBPS10BLK500	.39”	Green	Black	Bulk 600pcs
CKJ-CBPS10GAL	.39”	Purple	Gal	10pcs
CKJ-CBPS10GAL500	.39”	Purple	Gal	Bulk 600pcs

BISCUIT PLATE DOWEL SYSTEM

FEATURES

- Less on site labour required, more accurate estimating & cost control
- Robust design ensures cradles are stable and can withstand the harsh treatment frequently encountered on site
- Ensures accurate horizontal and vertical alignment of dowels during concrete placement
- Dowels supplied welded in place with bond breaker to half of dowel length
- Available for round, square or plate dowels
- Eliminates the need to tie dowels
- Formed from high quality steel for maximum strength and minimal distortion.
- Made in standard 9.85 ft lengths for easy handling and transport
- Standard Connolly dowel cradles are made to suit most common dowel configurations or custom built to suit specific slab designs



MODEL	DOWEL SHAPE	DOWEL SIZE-INCH	DOWEL FINISH	DOWEL SPACING
CKJ-6150BLK	Plate	2x.23x11.8	Black	17.7”
CKJ-6150GAL	Plate	2x.23x11.8	Gal	17.7”
CKJ-10180BLK	Plate	2x.39x11.8	Black	17.7”
CKJ-10180GAL	Plate	2x.39x11.8	Gal	17.7”

REBATE MOULDS

FEATURES

- No need for expensive saw cutting
- Quick and easy to install
- Forms a true square or rectangular rebate
- Parallel sides ensure sealant achieves maximum bond to the concrete
- Horizontal joint bottom gives maximum support to hard fillers
- Application of bond breaker tape ensures elastic sealants flex properly
- Two sizes to suit most sealant types and varying joint specifications
- Rigid PVC material ensures joints are straight
- Accurate calculation of sealant quantity

MODEL	SIZE - INCH	USE WITH	COLOR
CKJ-KJRM12X12	.47Wx.47Dx118L	Key Joint	YELLOW
CKJ-KJRM20X10	.78Wx.39Dx118L	Key Joint	GREY
CKJ-EXJRBM16X10	.62Wx.39Dx118L	Exp Joint	BLUE



CONNOLLY CRACK INDUCERT

Formed from high quality galvanised steel for maximum strength and minimal distortion. Available as plain crack inducer or with capping attached. Capping is tear off top - in black, grey, sandstone, terracotta

FEATURES

- Economical for small pours such as footpaths, entertaining areas and small driveways
- Ideal for joints in stenciled finishes
- Tear off strip to the capping produces a clean true color to the joint
- Joints can be positioned as the pour proceeds
- Placement in the wet concrete induces a crack to relieve contraction stresses



MODEL	SIZE	COLOR	PACK
CKJ-CI25-PLAIN	1” x 9.85’	Plain	10
CKJ-CI25-BLACK	1” x 9.85’	Black	10
CKJ-CI25-GREY	1” x 9.85’	Grey	10
CKJ-CI25-SAND	1” x 9.85’	Sandstone	10
CKJ-CI25-TERRA	1” x 9.85’	Terracotta	10
CKJ-CI45-PLAIN	1.77” x 9.85’	Plain	10
CKJ-CI45-BLACK	1.77” x 9.85’	Black	10
CKJ-CI45-GREY	1.77” x 9.85’	Grey	10
CKJ-CI45-SAND	1.77” x 9.85’	Sandstone	10
CKJ-CI45-TERRA	1.77” x 9.85’	Terracotta	10

CONNOLLY CAPPING

FEATURES

- Provides an architectural finish to the joint
- Available in a range of colors to match most finishes
- One size fits all Connolly key joint profiles
- Quickly and easily installed
- Narrow width to minimise edge damage
- Provides a slightly beveled edge to the joint to reduce spalling
- Prevents foreign particles entering the joint
- Provides a compression area at the top of the joint where it is most needed
- Resistant to oils and gasolineeum based products
- UV treated PVC material ensures long life



MODEL	DESCRIPTION	COLOR
CKJ-KJCAPR-BLACK	Retained Permanent Cap for Keyjoint - 78.5’ Roll	Black
CKJ-KJCAPR-GREY	Retained Permanent Cap for Keyjoint - 78.5’ Roll	Grey
CKJ-KJCAPT-BLACK	Tear-Off Retained Permanent Cap for Keyjoint - 78.5’ Roll	Black
CKJ-KJCAPT-GREY	Tear-Off Retained Permanent Cap for Keyjoint - 78.5’ Roll	Grey

CONNOLLY GROUND CRACK INDUCER

FEATURES

- Induces a controlled crack from the ground up
- Easy installation
- Secures easily to the ground using PC pins to prevent movement during pour
- Lightweight and durable
- Ideally suited for use with Connolly dowel cradles
- Can save money by helping reduce slab cutting depth



MODEL	SIZE	PACK
CKJ-CGI25	1” x 9.85’	10
CKJ-CGI50	2” x 9.85”	10



**Everything you need to get the job done**

Contact Us [will@grassrootseq.com](mailto:will@grassrootseq.com)