



BETON TROWEL NV

CONCRETE FINISHING & COMPACTION 2020



AS GOOD AS IT GETS !





BETON TROWEL NV takes pleasure in introducing you to our extensive range of concrete finishing and compaction equipment. We make no compromise on quality using high grade materials combined with precision engineered parts to ensure that your investment in our equipment brings you a trouble free working life and the maximum return on your capital.

Our line of concrete finishing equipment is the most extensive in Europe and covers the majority of the requirements of the concrete flooring contractor and rental organisations.



Head quartered in Belgium we are located close to the shipping port of Antwerp for prompt and easy shipping worldwide. Our highly experienced export admin team will take care of all aspects of shipping and documentation requirements.

This product guide introduces you to our range. For more detailed information and specifications and working videos please visit our website **www.betontrowel.com**

INDEX

BT EDGER POWER TROWELS	4
BT POWER TROWELS	5
BT RIDE ON POWER TROWELS	6 - 8
BT TROWEL BLADES & FLOAT PANS	9 - 10
BT CONCRETE (FINISHING) TOOLS	11 - 15
BT CONCRETE LEVELLING & SCREEDING	16 - 17
BT CONCRETE & ASPHALT SAWS	18
BT CONCRETE SCARIFIERS	19
BT CONCRETE VIBRATORS	20 - 24
BT COMPACTION RAMMERS	25
BT COMPACTION PLATES	26 - 27
BT COMPACTION ROLLER	28
BT EMISSION CONTROL	29
BT POWER	29
BT SITE LIGHTING	30 - 31

BT EDGER POWER TROWELS

BT60 & BT75 EDGER TROWELS



BT75

- BT Edger Trowels take the hard work away from finishing close to walls and columns
- Rotating ring with rubber protected edge allows the machine to run along a wall without damage
- Blades and float pan sit directly under the guard ring to finish tight up against the wall
- Folding handle for easy storage and transportation
- Precision machined spider assembly for low wear and long life
- Mechanical Stop system options available
- Optional Hoist Hook



BT60H



BT60E

DIAMETER	60cm	75cm
ENGINE OPTIONS	Honda GX160 BTP200 Electric 230v 50 Hz	Honda GX160 BTP200 Electric 230v 50 Hz
FOLDING HANDLE	YES	YES
BLADE & FLOAT PAN OPTIONS:		
FINISH BLADES	YES	YES
COMBINATION BLADES	NO	NO
WIDE FINISH BLADES	NO	NO
FLOAT SHOES	NO	NO
PLASTIC BLADES	YES	YES
FLOAT PAN	YES	YES
GRINDING BLOCKS	NO	NO

BT POWER TROWELS

BT75, BT90 & BT120 POWER TROWELS

THE **FIRST CHOICE** OF FLOORING PROFESSIONALS, BUILDING CONTRACTORS AND RENTAL COMPANIES



BT90HFH



BT90H

BT90 DOLLEY WHEELS (OPTIONAL)



- Contoured handle for maximum comfort and machine control
- Tri tube laterally welded handle for strength and to protect control cables
- Dual stop safety systems. Manual and centrifugal
- Optional mechanical safety stop
- Chromed guard ring and handle for easy cleaning
- Precision machined solid bronze gear and hardened and ground worm gear for long life
- Impact resistant aluminium gearbox
- Tapered main shaft for perfect fit to precision machined tolerance fit to spider plate and trowel arms to ensure minimum wear and long service life
- Hoist hook fitted as standard
- Folding handle option
- 36 month warranty on Gearbox and Spider



BT120

DIAMETER	75cm	90cm	120cm
ENGINE OPTIONS	Honda GX160 BTP200 Yanmar Diesel, 230v Electric, 50 Hz	Honda GX160, 270 BTP200 Yanmar Diesel, 230v Electric, 50 Hz	Honda GX270 Honda GX390
FOLDING HANDLE	OPTION	OPTION	NO
BLADE & FLOAT PAN OPTIONS:			
FINISH BLADES	YES	YES	YES
COMBINATION BLADES	NO	YES	YES
WIDE FINISH BLADES	NO	YES	YES
FLOAT SHOES	YES	YES	YES
PLASTIC BLADES	NO	YES	YES
FLOAT PAN	YES	YES	YES
GRINDING BLOCKS	NO	YES	YES



PRECISION MACHINED SPIDER

BT RIDE ON POWER TROWELS

BT LOW RIDERS



BT750-2PFH13



BT900-2PFH24

BT900-20LH24



BT900H-2PFH24.1

- The range offered is the most comprehensive on the market with machine choices for the most demanding of flooring professionals
- Ergonomic steering for positive steering and ease of control
- Foot operated throttle and deadman control
- Simple but strong mechanical drive train for easy and cost effective maintenance
- Precision machined gearbox and spider assemblies for long trouble free life and fine finishing tolerance
- Spray system, adjustable seat, 4 x running lights, engine hour meter all fitted as standard with exception of BT750 rider model
- Crane lifting points
- Optional two wheel transporter for site use and to ease blade changes
- Forklift pockets on BT120-2/5/PFV35
- 24 month gearbox , spider assembly guarantee
- Power steering options
- Forklift pockets fitted to BT120 Riders.



**RIDER SITE
TRANSPORTER**

**Proven perfect for concrete
grinding and polishing**

BT RIDE ON POWER TROWELS

BT HIGH RIDERS



BT900-HPFH24.1



BT900H-HPFH24.1



BT120H-2/5/PFK44



BT120-2/5/PFV35.1



BT120H-2/5/PFV37

BT RIDE ON POWER TROWELS

BT HIGH RIDERS

MODELS	BT750	BT900-2PF	BT900-2OL	BT900H-2PF	BT900-HPF	BT900H-HPF
ENGINES	GX390	GX690	GX690	GX690	GX690	GX690
DIMS Cm	165 X 81	194 X 99	194 X 99	194 X 99	195 X 100	195 X 100
WEIGHTKG	205	275	275	325	315	370
BLADES	8	8	8	8	8	8
FLOAT PANS	YES	YES	NO	YES	YES	YES
FINISH	6 X 10	6 X 14	6 X 14	6 X 14	6 X 14	6 X 14
COMBINATION	NO	8 X 14	8 X 14	8 X 14	8 X 14	8 X 14
WIDE FINISH	NO	8 X 14	8 X 14	8 X 14	8 X 14	8 X 14
FLOAT SHOES	NO	10 X 14	10 X 14	10 X 14	10 X 14	10 X 14
PLASTIC BLADES	NO	YES	YES	YES	YES	YES
STEERING	MANUAL	MANUAL	MANUAL	POWER	MANUAL	POWER

MODELS	BT120-2/5	BT120H-2/5/PFV37	BT120H-2/5
ENGINES	VANGUARD 35	VANGUARD 37	KUBOTA DIESEL 44 HP TURBO
DIMS Cm	254 X 127	254 X 127	257 X 127
WEIGHTKG	480	525	705
BLADES	10	10	10
FLOAT PANS	YES	YES	YES
FINISH	6 X 18	6 X 18	6 X 18
COMBINATION	8 X 18	8 X 18	8 X 18
WIDE FINISH	8 X 18	8 X 18	8 X 18
FLOAT SHOES	10 X 18	10 X 18	10 X 18
PLASTIC BLADES	YES	YES	YES
STEERING	MANUAL	POWER	POWER

BT TROWEL BLADES

BT TROWEL BLADES

FINISH BLADES

ITEM N°	DESCRIPTION
F75416D	6" X 10" (75) BT750-2FP RIDER
F75416B	6" X 10" (75) BT75 - BARTELL B430 & BARIKELL 75-MK8
F90416	6" X 14" (90) STANDARD 1.6mm
F90416MK10	6" X 14" (90) BARIKELL MK8 WITH 10MM BOLTS
F90419	6" X 14" (90) LONG LIFE 1.9mm
F120416	6" X 18" (120) 1.6MM
F120416MK10	6" X 18" (120) BARIKELL MK8 WITH 10MM BOLTS
F120419	6" X 18" (120) LONG LIFE 1.9mm
F120516	6" X 18" (120) 1.6MM SET OF 5 BLADES
F120419LB	6" X 18" (120) 1.9MM HEAVY DUTY BLADE BAR BARTELL TS100, HTX RIDERS



WIDE FINISH BLADES

ITEM N°	DESCRIPTION
WF90419	8 X 14" (90) REVERSIBLE
WF120419	8 X 18" (120) REVERSIBLE
WF120519	8 X 18" (120) BLADE SET OF 5 BLADES



COMBINATION BLADES

ITEM N°	DESCRIPTION
C90419	8 X 14" (90)
C120419	8" X 18" (120)
C120519	8" X 18" (120) SET OF 5 BLADES
C90419MK10	8" X 14" (90) BARIKELL MK8 WITH 10MM BOLTS
C120419MK10	8" X 18" (120) BARIKELL MK8 WITH 10MM BOLTS
C90419NC	8" X 14" (90) NORTON CLIPPER
C90419A	8" X 13" ADJUSTABLE BLADE



DYNAPAC AND MULTIQUIP EDGER BLADES

ITEM N°	DESCRIPTION
BT366693	BG21 & MQ24 BLADE MULTIQUIP 24" TROWEL & DYNAPAC, ATLAS COPCO & HUSQVARNA 60CM



FLOAT SHOES

ITEM N°	DESCRIPTION
FS7543	10 X 11"
FS9043	10 X 14" (90)
FS12043	10 X 18" (120)



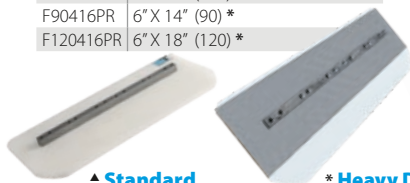
SPECIAL BLADES DYNAPAC FINISH BLADES

ITEM N°	DESCRIPTION
BT970990	BG33 CHANNEL MOUNT
BT702752	BG39 CHANNEL MOUNT



POLYPROPYLENE PLASTIC BLADES

ITEM N°	DESCRIPTION
F60412P	4 ¾" X 9" (60) ▲
F75416MP	4 ¾" X 11" (75) ▲
F90416P	8" X 14" (90) ▲
F120416P	8" X 18" (120) ▲
F90416PR	6" X 14" (90) *
F120416PR	6" X 18" (120) *

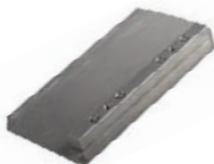


▲ Standard

* Heavy Duty

EDGER BLADES

ITEM N°	DESCRIPTION
F60412	4 ¾" X 9" 60cm
F75416M	4 ¾" X 11" 75cm



TREMIX SERIES BLADES

ITEM N°	DESCRIPTION
BT32337	G900 TREMIX 902,903 COMBI FINISH BLADE CHANNEL
BT22047	G700 TREMIX G700 FINISH BLADE CHANNEL MOUNT



BT TROWEL BLADES

BT FLOAT PANS

FLOAT PANS

ITEM N°	DESCRIPTION
FP9404P	90cm (36") FLOAT PAN 4 BRACKETS PAINTED
FP9408NP	94cm FLOAT PAN 8 BRACKETS NOT PAINTED
FP9408P	94cm FLOAT PAN 8 BRACKETS PAINTED
FP9808NP	96,5cm FLOAT PAN 8 BRACKETS NOT PAINTED (BARIKELL)
FP9808NPB	98cm FLOAT PAN 8 BRACKETS B-MAC
FP11708P	117cm FLOAT PAN 8 BRACKETS PAINTED
FP11708NP	117cm FLOAT PAN 8 BRACKETS NOT PAINTED
FP11705B/NP	117cm FLOAT PAN STANDARD BRACKETS
FP1170/5P	117cm FLOAT PAN PIN TYPE BRACKETS 5 BLADE PAINTED
FP1170/5NP	117cm FLOAT PAN PIN TYPE BRACKETS 5 BLADE NOT PAINTED
FP1220/5NP	120cm FLOAT PAN 5 BRACKETS WACKER
FP12308NP	123cm FLOAT PAN 8 BRACKETS WACKER
FP1533NP	153cm FLOAT PAN 6 BRACKETS NOT PAINTED (STX)



FLOAT PANS

ITEM N°	DESCRIPTION
FP602	60cm (24") GALVANISED FLOAT PAN – 2 BRACKETS
FP604	60cm (24") GALVANISED FLOAT PAN – 4 BRACKETS
FP604NG	60cm (24") NON GALVANISED FLOAT PAN W/ 45° EDGE
FP604PO	60cm (24") FLOAT PAN 45° ATLAS COPCO/HUSQVARNA BG245
FP7504	75cm (30") GALVANISED FLOAT PAN 90° EDGE
FP7504NG	75cm (30") NON GALVANISED FLOAT PAN 90° EDGE
FP7508	75cm (30") FLOAT PAN 8 BRACKETS 90° BT750 RIDER
FP7754	75cm (30") FLOAT PAN 4 BRACKETS 45° EDGE NOT PAINTED
FP7754PO	75cm (30") FLOAT PAN 4 BRACKETS 45° PAINTED
FP7758	75cm (30") FLOAT PAN 8 BRACKETS 45° EDGE NOT PAINTED

BT2WMS TOPPING MATERIAL SPREADER

- Handle folds down for ease of transportation
- Fold down stand for ease of material loading
- Wheels drive axle blades
- Each wheel is independent allowing easy turning in tight spaces
- Exact material discharge per square metre
- Discharge rate 1 to 6KG
- Max hopper load 100KG



BT CONCRETE (FINISHING) TOOLS

BT CONCRETE FLATWORK TOOLS

LIGHTWEIGHT BULLFLOAT

ITEM N°	DESCRIPTION
BT350083	900mm X 200mm COMPLETE*
BT350084	1200mm X 200mm COMPLETE*
BT350085	1500mm X 200mm COMPLETE*
BT350086	1800mm X 200mm COMPLETE*

* Complete with pitch control head & 3x 1,8M extension handles



BIG BLUE FLOAT

ITEM N°	DESCRIPTION
BT111990C	600mm X 300mm*
BT111991C	900mm X 300mm*
BT111992C	1200mm X 300mm*
BT111993C	1500mm X 300mm*
BT111994C	1800mm X 300mm*
BT111995C	2400mm X 300mm*

* Complete with pitch control head & 3x 1,8M extension handles



FRESNO FLOAT

ITEM N°	DESCRIPTION
BT750055	900mm X 120mm COMPLETE*
BT750056	1200mm X 120mm COMPLETE*
BT750057	1500mm X 120mm COMPLETE*

* Complete with pitch control head & 3x 1,8M extension handles + broom



MESH TWIN ROLLER TAMP / TWO HANDED TAMPER

ITEM N°	DESCRIPTION
BT36RTC	900mm DOUBLE ROLLER TAMP*
BT48RTC	1200mm DOUBLE ROLLER TAMP*
BT16422	DIAMOND PATTERN TWO HANDED HAND TAMPER

* Complete with 3x 1.8M EXTENSION SNAP HANDLES



HAND LEVELLING SCREEDS

ITEM N°	DESCRIPTION
BTAL20	2M ALUMINUM SCREED WITH TWO HAND GRIPS
BTAL25	2.5M ALUMINUM SCREED WITH TWO HAND GRIPS
BTAL30	3M ALUMINUM SCREED WITH TWO HAND GRIPS
BTAL45	4.5M ALUMINUM SCREED WITH TWO HAND GRIPS
BTAL50	5M ALUMINUM SCREED WITH TWO HAND GRIPS

AUSSIE SCREEDS

BT1500AS	1.5M AUSSIE SCREED WITH CLAMP HANDLE & LEVEL BUBBLE
BT3000AS	3M AUSSIE SCREED WITH CLAMP HANDLE & LEVEL BUBBLE
BT3600AS	3.6M AUSSIE SCREED WITH CLAMP HANDLE & LEVEL BUBBLE
BT4200AS	4.2M AUSSIE SCREED WITH CLAMP HANDLE & LEVEL BUBBLE



BT CONCRETE (FINISHING) TOOLS

BT CONCRETE FLATWORK TOOLS

CHANNEL RADIUS FLOAT

ITEM N°	DESCRIPTION
BT101034C	2450mm X 150mm*
BT101035C	3000mm X 150mm*▲

* Complete with pitch control head & 3x 1,8M extension handles

▲ With outrigger kit



HEAVY DUTY BUMPCUTTER

ITEM N°	DESCRIPTION
BT101026C	300cm*
BT101027C	365cm*
BT101028C	500cm*

* Complete with pitch control head & 3x 1,8M extension handles. Outrigger kit



HEAVY DUTY CHECK ROD

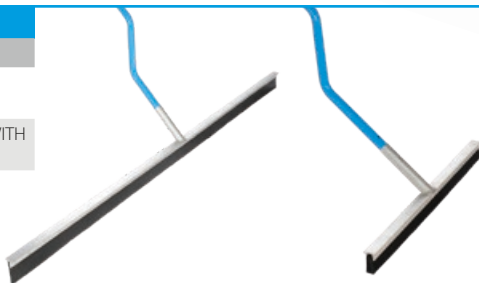
ITEM N°	DESCRIPTION
BT101130C	3m*
BT101129C	3,65m*
BT101128C	5m*

* Complete with pitch control head & 3x 1,8M extension handles. Outrigger kit



CONCRETE SQUEEGIE

ITEM N°	DESCRIPTION
BT066060C	2000mm RUBBER SQUEEGIE COMPLETE WITH ERGONOMIC HANDLE
BT066061C	750mm RUBBER SQUEEGIE COMPLETE WITH ERGONOMIC HANDLE



BT CONCRETE (FINISHING) TOOLS

BT CONCRETE FLATWORK TOOLS



TEXAS PLACERS

ITEM N°	DESCRIPTION
BT009989C	TEXAS PLACER, ALUMINUM HEAD, WOOD HANDLE
BT009991	TEXAS PLACER, ALUMINUM HEAD, ALUMINUM HANDLE WITH BRACE BAR
BT009991H	TEXAS PLACER, ALUMINUM TEXAS PLACER WITH HOOK
BT009992C	TEXAS PLACER, STEEL HEAD, WOOD HANDLE
BT009992C	TEXAS PLACER, STEEL WITH SERRATED EDGE, WOOD HANDLE

FLOOR SCRAPERS

ITEM N°	DESCRIPTION
BT229FS	229 X 114mm CARBON STEEL W. STEEL HANDLE
BT2105	SLAM SCRAPER



CONCRETE BRUSHES

ITEM N°	DESCRIPTION
BTCC256	900 CONCRETE FINISHING BROOM
BTCC429	FIBER GLASS EXTENSION HANDLE 6M



WIRE TINE

ITEM N°	DESCRIPTION
BT14852	600MM METAL BROOM ¾"SPACING
BT14862	1200MM METAL BROOM ¾"SPACING

Use with Extension handle BTCC429



BT CONCRETE (FINISHING) TOOLS

BT MASTER FINISHER HAND TOOLS

- BT hand trowels are made from quality spring carbon steel to retain shape
- With comfort soft grip
- Riveted to the shank for strength
- Ground edges for broken in feel

SQUARE END TROWELS

6 pcs/box

ITEM N°	DESCRIPTION
BT279S	279 X 120mm
BT356S	356 X 100mm
BT406S	406 X 100mm
BT457S	457 X 120mm
BT508S	508 X 120mm



ROUND / SQUARE END TROWELS

6 pcs/box

ITEM N°	DESCRIPTION
BT351RF	356 X 100mm
BT406RF	406 X 100mm
BT508RF	508 X 120mm



ROUNDED POOL TROWELS 6 pcs/box

ITEM N°	DESCRIPTION
BT351FR	356 X 100mm
BT406FR	406 X 100mm
BT457FR	457 X 100mm
BT510FR	510 X 120mm
BT559FR	559 X 120mm



POINTED TROWELS 6 pcs/box

ITEM N°	DESCRIPTION
BT406P	401 X 115mm
BT457P	457 X 115mm
BT508P	508 X 115mm
BT559P	559 X 120mm



SQUARE BEVEL END MAGNESIUM HAND FLOAT

ITEM N°	DESCRIPTION
BTMF16	16 X 3.15" 406 X 80mm
BTMF20	20 X 3.15" 508 X 80mm
BTMF30	30 X 3.15" 762 X 80mm



BLUE STEEL HAND EDGERS

ITEM N°	DESCRIPTION
BT6313HE	152 X 104mm, 10mm R 13mm LIP
BT6613HE	152 X 152mm, 13mm R 16mm LIP



BLUE STEEL WALKING EDGERS

ITEM N°	DESCRIPTION
BT10SWE	229 X 203mm 6mm R 10mm LIP
BT22SWE	229 X 203mm 19mm R 22MM LIP



BRONZE HAND EDGERS

ITEM N°	DESCRIPTION
BT70BE	152 X 70mm 6mm R 16mm LIP
BT102BE	152 X 102mm 6mm R 16mm LIP



BRONZE HAND GROOVERS

ITEM N°	DESCRIPTION
BT152BG	152 X 114mm W 13mm D 25mm
BT191BG	191 X 114mm W 6mm D 38mm



BT CONCRETE (FINISHING) TOOLS

BT MASTER FINISHER HAND TOOLS

BRONZE WALKING GROOVERS*

ITEM N°	DESCRIPTION
BT25WBG	203 X 114mm W 13mm D 25mm
BT38WBG	203 X 203mm W 16mm D 38mm
BT38WBG/19	203 X 203mm W 16mm D 19mm

* BT45R or BT12328C can be used for walking edgers and groovers



BRONZE WALKING EDGERS*

ITEM N°	DESCRIPTION
BT152BWE	152 X 102mm 6mm R 16mm LIP
BT229BWE	229 X 102mm 6mm R 19mm LIP

* BT45R or BT12328C can be used for walking edgers and groovers



MINI ROCKER ADAPTOR FOR SNAP HANDLES

ITEM N°	DESCRIPTION
BT45R	CAN USE WITH BASE ADAPTOR BELOW FOR BULLFLOATS AND FRESNO BLADES INSTEAD OF PITCH CONTROL HEAD. SNAPLOCK EXTENSION HANDLES CLIP ON TO IT.



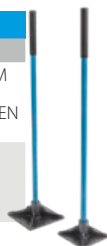
WALKING GROOVER AND EDGER WOODEN HANDLE AND ADAPTOR

ITEM N°	DESCRIPTION
BT12328C	WALKING GROOVER AND EDGER WOODEN HANDLE WITH STEEL ATTACHMENT



IRON TAMPS

ITEM N°	DESCRIPTION
BT203HTC	8" X 8" 203 X 203MM CAST IRON HAND TAMP WITH WOODEN HANDLE
BT305HTC	10" X 10" 254 X 254MM CAST IRON HAND TAMP WITH WOODEN HANDLE



PRY BAR

ITEM N°	DESCRIPTION
BT14956	FORM WORK PRY BAR
BT16595	HEAVY DUTY FORM WORK PRY BAR



REBAR BENDERS & CUTTERS

ITEM N°	DESCRIPTION
BT58	REINFORCING BAR CUTTER & BENDER



WORM DRIVE PITCH

ITEM N°	DESCRIPTION
BT003300	WORM DRIVE PITCH



CHAIN DRIVE PITCH CONTROL

ITEM N°	DESCRIPTION
BT003301	CHAIN DRIVE PITCH CONTROL



ALUMINIUM SNAP HANDLE

ITEM N°	DESCRIPTION
BT000055	1800mm X Ø 45mm SNAPLOCK EXTENSION HANDLE



KNEEBOARD BT16451



BULLFLOAT BAG BT17302



BT CONCRETE LEVELLING AND SCREEDING

BT BTVTBF2000 BETON VIBRATAMP BULLFLOAT



- For effective levelling without guiderails
- Pushes down aggregates leaving fine surface material for sealing or texturing
- Twist handle blade pitch control for easy forward and reverse passes over the slab
- Complete with 3 x 1.8m snaplock handles for a good reach
- Blade options 1.5m, 2m, 2.5m, 3m
- Easy and light to operate with a weight of just 16KG with a 2m blade.

BT EUROSCREED BTS35H

- Fast and efficient way to screed concrete
- Can be used with rail formwork but light enough for free floating over concrete
- Fully adjustable handles for maximum operator comfort and ease of control
- A combination of high frequency vibration and curled back edge of the blade profile helps roll back excessive concrete for a perfect level
- Vibration brings fine material to the surface ready for finishing or texture
- Reliable drive system with clutch for gentle power take up with no flexible shafts to break
- Blades from 1.2m to 4.85m length. Blades interchangeable with other leading make machines

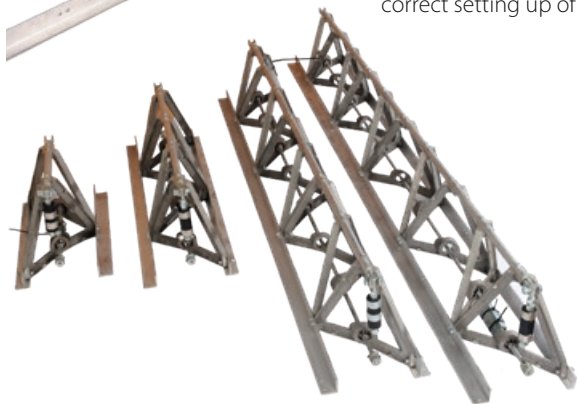


BT CONCRETE LEVELLING AND SCREEDING

BETON WIDE BAY TRUSS SCREEDS



- Built in easy to manage sections to maximum length 15m
- All aluminium construction with unique A frame casting for strength, lightness and rigidity
- Bolted frame struts eliminate weld failures and allow easy replacement of damaged parts without replacing the whole section
- Powerful combination of frequency and amplitude give excellent consolidation of and vibration of concrete at depth. Even low slump concrete
- Heavy duty winches also a hydraulic winch option
- Floor accuracy to +/- 3mm across the floor (subject to correct setting up of floor rails)



BT WIDE BAY TRUSS SCREED

PART N°	DESCRIPTION
BTSUPBASE254H	2.54m Power unit Honda GX270 c/w end handles and winches
BTSUPBASE315H	3.15m Power unit Honda GX270 c/w end handles and winches
BTSUPSUB071	0.71m Sub section
BTSUPSUB132	1.32m Sub section
BTSUPSUB254	2.54m Sub section
BTSUPSUB315	3.15m Sub section

BT CONCRETE & ASPHALT SAW

BTCS500 & BTCS501 CONCRETE & ASPHALT SAW

- The BTCS500 is a robustly constructed powerful saw
- Water tank is carefully positioned to move centre of gravity over the blade when cutting
- Powered by Honda GX390 13 HP engine
- Maximum blade capacity 500mm
- Maximum cutting depth 195mm
- Weight 140KG - BTCS500
- Weight 160KG - BTCS501



BTCS500



BTCS501



BT CONCRETE SCARIFIERS

BTSP10 CONCRETE SCARIFIER

- 200mm cutting width
- Finger tip cutter height control
- Engine deck anti vibration isolated for longer engine life
- 60KG weight for effective scarifying
- Tungstun carbide cutters fitted as standard
- Heavy duty cage with strong centre support
- Fast efficient cutter cage changes
- Honda GX160, BTP200 petrol engines and 2.2kw, 230v, 50Hz electric motor



BT CONCRETE VIBRATORS

BT ROTOPOKA INTERNAL PENDULUM FLEXIBLE DRIVE VIBRATORS



- Square frame protects engine plus AV mounts on engine deck protect the motor
- Quick engage/release twin claw coupling
- Shaft drive coupling interchangeable with Dynapac/Wacker/GCM/Altrad-Belle power units
- Flexshaft has armoured spirals both ends to protect the shaft
- Power options: Honda GX160, Robin EY20, BTP200, Yanmar diesel L48, electric 230V & 110V

MODEL	HEAD DIAM	LENGTH	HZ	FREQUENCY	AMPLITUDE	SHAFT	SHAFT DIAM	COUPLING
BTRP25	25mm	389mm	260	15600	0.72mm	6m	24mm	Twin claw
BTRP35	35mm	370mm	220	13200	0.82mm	6m	30mm	Twin claw
BTRP50	50mm	451mm	200	12000	1.15mm	6m	36mm	Twin claw
BTRP60	60mm	406mm	200	12000	1.20mm	6m	36mm	Twin claw
BTRP35/12	35mm	370mm	220	13200	0.82mm	12m	30mm	Twin claw
BTRP50/12	50mm	451mm	200	12000	1.15mm	12m	36mm	Twin claw
BTRP60/12	60mm	406mm	200	12000	1.20mm	12m	36mm	Twin claw

BT SUBMERSIBLE PUMP

BT BTSP75 SUBMERSIBLE PUMP

- Fast dewatering at up to 75 cubic m of fluid per hour
- 10m layflat delivery hose with quick release firehose type coupling
- 6m flexible drive shaft with Dynapac-type coupling
- Petrol and diesel power options



BT CONCRETE VIBRATORS

BT45H PORT-A-VIBE

THE **PORT-A-VIBE** PROVIDES AN **EASY SOLUTION TO VIBRATING CONCRETE FLOORS AND FOUNDATION FOOTINGS**. BEING TOTALLY SELF CONTAINED, THERE ARE NO CABLES OR LONG FLEXIBLE SHAFTS TO DRAG THROUGH THE CONCRETE



Head diameter: 45mm
Frequency: 9000 vpm
Amplitude: 2.8mm
Weight: 11kg

- Reliable Honda GX35 4 stroke petrol engine
- Well-balanced unit with a carry strap for ease of operation
- Good balance of amplitude and frequency for efficient compaction of the concrete and elimination of air voids



BT CONCRETE VIBRATORS

BT HUMDINGER ELECTRIC HAND HELD FLEX DRIVE CONCRETE VIBRATORS

- Powerful lightweight power unit with robust motor protection
- Flexible shafts from 1m to 6m
- Head diameters from 25mm to 58mm
- Double insulated 2.3kw motors, 115v & 230v
- Humdinger power unit and shafts available with Wacker or others coupling options for compatible fleet integration



MODEL		VOLTAGE	KW	HZ	MOTOR SPEED	WEIGHT
HVU110	Humdinger Electric Power Unit	115v	2,3	50/60	18000	5.5KG
HVU220	Humdinger Electric Power Unit	230v	2,3	50/60	18000	5.5KG

MODEL	VIB DIAM	LENGTH	WEIGHT	FREQUENCY	AMPLITUDE
HDV25/1	25mm	1m	5,50KG	13700	1,12
HDV25/2	25mm	2m	5,50KG	13700	1,12
HDV25/3	25mm	3m	6,80KG	13700	1,12
HDV25/6	25mm	6m	8,50KG	13700	1,12
HDV28/6	28mm	6m	9,40KG	16800	1,20
HDV32/6	32mm	6m	9,40KG	16800	1,20
HDV38/1	38mm	1m	4,96KG	16200	1,54
HDV38/2	38mm	2m	6,26KG	16200	1,54
HDV38/3	38mm	3m	7,56KG	16200	1,54
HDV38/4	38mm	4m	8,86KG	16200	1,54
HDV38/5	38mm	5m	10,36KG	16200	1,54
HDV38/6	38mm	6m	11,86KG	16200	1,54
HDV48/3	48mm	3m	8,90KG	15600	1,65
HDV48/4	48mm	4m	10,20KG	15600	1,65
HDV48/5	48mm	5m	11,70KG	15600	1,65
HDV48/6	48mm	6m	13,00KG	15600	1,65
HDV50/3	50mm	3m	8,90KG	15600	1,65
HDV58/4	58mm	4m	11,20KG	15000	1,68
HDV58/5	58mm	5m	12,50KG	15000	1,68
HDV58/6	58mm	6m	13,80KG	15000	1,68

BT CONCRETE VIBRATORS



BT PNEUMATIC CONCRETE VIBRATORS

- High efficiency
- Range of 9 diameters of vibrator head to 28mm to 150mm
- Air hose lengths from 2m to 6m (standard stock 4m)
- In-line oil lubricator
- Maintenance-free rotors
- Components precision machined in the United Kingdom

MODEL	BTPV28	BTPV35	BTPV45	BTPV55	BTPV65	BTPV75	BTPV85	BTPV105	BTPV150
HEAD DIA MM	28	35	45	55	65	75	85	105	150
HEAD LENGTH MM	253	280	320	341	352	391	423	380	628
OVERALL LENGTH 2MTR/MM	2653	2640	2670	2700	2700	2740	2770	2740	3636
MAX POSSIBLE LENGHT MTR	6.0	10.0	12.0	12.0	12.0	12.0	12.0	12.0	-
WEIGHT KG 2MTR	5.5	6.0	7.5	9.0	11.0	16.5	18.0	23.0	35.0
CONSUMPTION LTR/MIN	504	608	736	820	1018	1218	1600	2100	2880
CONSUMPTION CFM	17.8	21.5	26.0	29.0	36.0	43.0	56.5	74.3	101.9
FREQUENCY RPM	18000	18000	17000	17000	18000	18000	17000	13500	10000
AMPLITUDE IN AIR MM	1.0	1.4	1.8	2.5	2.5	1.9	2.1	2.1	5.5
CENTRIFUGAL FORCE NEWTON	800	1924	3500	6050	9301	14851	27730	33309	32460
CENTRIFUGAL FORCE KG	81	196	357	617	948	1513	2826	3395	3308
WEIGHTED VIB READING	3.35	1.14	5.26	6.81	5.78	8.41	9.48	12.53	16.53
OUTPUT MAXIMUM M ² /HR	3	10	16	25	28	32	42	55	100
RADIUS OF EFFECTIVENESS	14cms	20cms	25cms	38cms	44cms	40cms	55cms	65cms	95cms
S P LEVEL DB(A)	101.3	107.2	113	109	113	112.1	109	112.2	115

BT PYTHON HIGH FREQUENCY INVERTOR TYPE CONCRETE VIBRATORS

- Powerful easy to use motor in the head vibrator with simple robust invertor box for easy, trouble-free operation
- Plug into a 220v power source and it's ready to go
- 220v 50/60 Hz
- Body guard electronic cut out for operator safety



MODEL	DIA-METER	LENGTH	KG	CF (N)	AMPLI-TUDE	NOISE DB	HOSE	CABLE	INPUT VOLT	OUTPUT VOLT
									1 phase	3 phase
BTHFE38	38mm	345mm	14,5	1600	2.7mm	70	5m	15m	220	215
BTHFE50	50mm	395mm	18,6	3900	2.9mm	71	5m	15m	220	215
BTHFE58	58mm	420mm	20,8	5700	3.0mm	71	5m	15m	220	215
BTHFE65	65mm	425mm	22,2	6500	3.2mm	72	5m	15m	220	215

BT CONCRETE VIBRATORS

BT HIGH FREQUENCY VIBRATOR CONVERTORS

FREQUENCY CONVERTORS ARE THE SAFE WAY TO USE HIGH FREQUENCY VIBRATORS AND THEY REDUCE INCOMING 3 PHASE OR SINGLE PHASE POWER AT THE VIBRATOR HEAD TO 42V/200HZ.

- Converter units mounted in protective steel frame
- Single and three phase power units
- Units driving 1, 2 and 4 vibrators



MODEL	CAPACITY	INPUT PH/ HZ/V/A	OUTPUT	WEIGHT	QTY VIBS PER UNIT
BTFC200/11/1-D	1.1 KVA	1/50/220/2.8	3/200/48/11	27KG	1
BTFC200/18/2	1.8 KVA	3/50/380/2.8	3/200/48/22	37KG	2
BTFC200/25/2-D	2.5 KVA	1/50/220/2.8	3/200/48/25	37KG	2
BTFC200/45/4	4.5 KVA	3/50/380/8.3	3/200/48/54	78KG	4

MODEL	DIA	FREQUENCY	AMPLITUDE	HOSE	CABLE	POWER	AMPS	kN
BTHFC35/5	35mm	12000	1,8	5m	10m	42V/3-200hZ	8	1
BTHFC35/12	35mm	12000	1,8	12m	10m	42V/3-200hZ	8	1
BTHFC50/5	50mm	12000	2	5m	10m	42V/3-200hZ	11	2,6
BTHFC50/12	50mm	12000	2	12m	10m	42V/3-200hZ	11	2,6
BTHFC60/5	60mm	12000	2,2	5m	10m	42V/3-200hZ	16	2,2
BTHFC60/12	60mm	12000	2,2	12m	10m	42V/3-200hZ	16	2,2

BT COMPACTION RAMMERS

BT COMPACTION RAMMERS



BTR78Y

- Engines all 4 stroke
- Durable cast aluminium throttle
- Large air cleaner on crankcase giving two stage cleaning, extending engine life
- Two stage fuel filter extending engine life
- Quality German-made polyurethane bellows 3 year guarantee
- Precision casting and machining of impact parts
- Large AV mounts isolating handle for operator comfort



BTR76H

MODEL	ENGINE	WEIGHT	PLATE SIZE	JUMP	IMPACT	IMPACT (per min)
BTR60H	HONDA GX100R	65KG	325 X 250mm	30-70mm	9,8kN	600-695
BTR76H	Honda GX120R	76KG	325 X 280mm	50-75mm	15,7 kN	640-680
BTR78Y	Yanmar L48 Diesel	87KG	325 X 280mm	50-75mm	15,7kN	640-680

BT COMPACTION PLATES

BT FORWARD PLATE COMPACTORS

BTPC60H



- Enclosed frames for engine protection with hoist hook recess
- Cast aluminium throttle for durability and comfortable operator control
- Ductile iron base for strength and longevity
- Cast aluminium enclosed belt guard protects clutch from soil and sand ingress
- Models with integrated transport wheels
- Rubber mat options
- Water tank options

BTPC70H



BTPC95H



MODEL	ENGINE	WEIGHT	PLATE SIZE	FREQ. VPM	CENTIFUGAL FORCE	TRAVEL SPEED	GRADIENT CLIMB	WATER TANK	RUBBER MAT
BTPC60H	HONDA GX160, BTP200	65KG	500 X 360	6000	10,5kN	20-25m/min	35%	OPTION	NO
BTPC70H	HONDA GX160	70KG	546 X 420	6000	13kN	20-25m/min	35%	OPTION	NO
BTPC95H	HONDA GX160, BTP200	95KG	530 X 500	6000	15kN	20-25m/min	35%	YES	OPTION
BTPC110Y	YANMAR L48	110KG	525 X 500	6000	15kN	20-25m/min	35%	YES	OPTION

BT COMPACTION PLATES

BT REVERSIBLE PLATE COMPACTORS



- Enclosed frames for engine protection with hoist hook recess
- Cast aluminium throttle for durability and comfortable operator control
- Ductile iron base for strength and longevity
- Cast aluminium enclosed belt guard protects clutch from soil and sand ingress
- Hydraulic reversing mechanism with flexible manoeuvrability allows forward and backward and on the spot compaction
- Models with integrated transport wheels
- Rubber mat options
- Water tank options



MODEL	ENGINE	WEIGHT	PLATE SIZE	FREQ. VPM	CENTIFUGAL FORCE	TRAVEL SPEED	GRADIENT CLIMB	WATER TANK	RUBBER MAT
BTPC60RH	HONDA GX160, BTP200	80KG	480 X 350	6000	15kN	0-25m/min	35%	OPTION	NO
BTPC160H	HONDA GX200, BTP200	160KG	700 X 430	5400	27kN	0-25m/min	35%	OPTION	OPTION
BTPC160Y	YANMAR L70	180KG	700 X 430	5400	27kN	0-25m/min	35%	OPTION	OPTION
BTPC240Y	YANMAR L70	260KG	700 X 450	5200	35kN	0-23m/min	35%	NO	NO
BTPC350Y	YANMAR L100AE	350KG	860 X 485	4400	45	0-23m/min	35%	NO	NO
BTPC405Y	YANMAR L100AE	450KG	900 X 500	4400	50	0-23m/min	35%	NO	NO

BT COMPACTION ROLLER

BT ROLLER

- Hydraulic-drive system consists of hydraulic pump and hydraulic motors providing variable working speed for travel, vibration is mechanical
- Dual smooth drums with beveled edges compact both asphalt and granular materials for job versatility
- Mechanical parking brake for safe operation
- Roller Brake Unit makes allows use on slope (less than 30%)
- Large rubber shock mounts absorb vibration and shock reducing wear and operator fatigue
- Electric starter with Diesel Engine
- 60 Liter water tank with removable anti corrosive water sprinkler system, permits watering over the whole surface of the drum
- Unique CLUTCH/PUMP drive system provides easy cold weather starting and allows for no-load starting of engine



ENGINE TYPE	Yanmar L100AE
MAX. OUTPUT POWER	6,5kW (PS)
DIMENSION	2.550mm x 700mm x 1.250mm (L x W x H)
WEIGHT	920kg
ROLLER LENGTH	650mm
ROLLER DIAMETER	420mm
VIBRATION FREQUENCY	48-62Hz
CENTRIFUGAL FORCE	12-22,2 kN
MAX. TRAVELING SPEED	60m/min (Depending on materials)
LIMITED GRADIENT	40%
WATER TANK CAPACITY	60L
ADVANCE	Hydraulic
VIBRATION	Manual



BT EMISSION CONTROL

BT BLUECAT EMISSION CONTROL

WE CAN OFFER **EMISSION CONTROL**
FOR 95% OF THE ENGINE TYPES
OFFERED ON OUR EQUIPMENT



EMISSIONS REDUCTION PERFORMANCE

Typical BlueCAT™ SSi
Engines Emissions
Reduction Performance



Carbon Monoxide (CO)



Hydrocarbons (HC)



Nitrogen Oxides (NOx)

BT POWER

- The BTP200 6 HP petrol engine is a competitive option offered on all BT equipment. An economical alternative as a replacement engine for the Honda GX160 & G200.
- Fully CE certified and conforms to Tier V emission directives and the latest ROH directive.
- 12 month BT warranty.



BT SITE LIGHTING

MOBILE FLOOD LIGHT TOWERS

BT4000L

- 9m mast with 360 degree turn
- 4 x 1000w metal halide lamps providing 440,000 lumens
- 240v plug-ins for small tool operation
- Heavy duty cabinet with leaf spring suspension of chassis
- 120 hour run time per tank of fuel
- 2.5 acres of illuminated work area
- Reliable kubota diesel engine
- 7 kva alternator



BTi9L & BT-LED

- 9m total height mast
- Automatic raise telescopic mast
- Option of LED or Metal Halide lamps
- Up to 150 hours run time
- 240v plug in
- Packing 16 units per container



BT SITE LIGHTING

- LED flood light 300w
- Lumileds
- Can be set up in series to illuminate a large area
- Strapped to columns or fixed to a tripod
- 230v & 110v options



BT LED LIGHTS



- 1000w long life metal halide lamp
- 110,000 lumens
- Can be set up in series to illuminate a large area
- Strapped to columns or fixed to a tripod
- 230v & 110v options



BT OVAL LIGHTS





BETON TROWEL NV

CONCRETE FINISHING & COMPACTION **2020**

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AS GOOD AS IT GETS !

