

Approved on
Heritage sites!

THE AMAZING ALLSAW

sales@arbortechsales.co.uk www.arbortechsales.co.uk

Application manual

AS170 BRICK & MORTAR SAW CUTS BRICKS, MORTAR, SOFT STONE, PLASTIC & WOOD

170mm blades
now available



“Take the plunge,
If you don't believe it
try it !”

EXTRA LARGE
XL
Optional blades

REMOVES BRICKS CLEAN, FAST AND EASILY

WORK SAFER, CLEANER & FASTER,
MAKE YOUR NEXT JOB A SUCCESS.

AS170 Allsaw Technology

sales@arbortechsales.co.uk www.arbortechsales.co.uk

AS170 Technical Information

Item	Specification
Cutting depth / width	6 3/4" (170mm) - 1/4" (6.5mm) depending on the blade
Weight with cutting blade	9.5lb (4.3Kg)
Dimensions without blades	L - 17 7/10" (450mm) W - 3" (75mm) H - 9 9/20" (240mm)
No load speed nu	5100 rpm
Vibration 7.7 m/s2	Noise 92db max at 1.0m
Electrical rating nominal	110 / 240 VAC, 50-60 Hz 13A

Dust Extraction Boot vacuum adaptor, suits vacuum hose with inner diameter of 1", 1 1/4", 1 1/2" or outer hose diameter 1 1/2"

Belt Tension
1/16" (1mm) maximum mid-span deflection with 5lb (2.5Kg) (25N) deflection-force

Blade mount bolt torque
11.5ft-lb (1.6kg-m), (18Nm)

✓ NEW POWERFUL HEAVY DUTY MOTOR

1250 Watt with 47% more power for improved cutting performance. Dust resistant heavy duty design ensures long motor life even in the toughest working environments.



✓ ERGONOMIC HANDLE

Positive, soft feel ergonomic handle with superior trigger system.

✓ AUTO CUT OFF BRUSHES

The brushes are enclosed in a cassette to prevent the ingress of dust, and have an auto cut-off to prevent motor damage.

THE AMAZING ALLSAW

Application manual

✓ VIBRATION REDUCING HANDLE

Ergonomic soft grip handle significantly reduces vibration to increase user comfort.

✓ PROVEN DRIVE SYSTEM

Adjustable belt drive, acts as a clutch. Sealed dust proof bearings, designed to withstand tough work. Heavy duty sprung loaded cams.

✓ DUST BOOT

Dust boot with vacuum attachment, efficient dust control for jobs in sensitive environments.

✓ TUNGSTEN CARBIDE BLADE

Resharpenable tungsten carbide teeth, long lasting, designed specifically for cutting bricks and mortar to 50 mpa.

AS170 Standard Kit, & Additional Blades

sales@arbortechsales.co.uk www.arbortechsales.co.uk

✓ Contents of the standard kit

✓ AS170 ALLSAW

Allsaw Available in 110 volt and 240 volt, 1250 Watt motor.

✓ A17081 Allsaw Bag

Allsaw Strong durable holdall kit bag, with cut-outs for the saw and attachments.

✓ A17020 Dust Extraction Funnel

Allsaw Dust extraction funnel, for use when connecting the saw to a dust extraction unit. THIS IS NOT A SAFETY GUARD, and should be removed when dust extraction is not needed.

✓ A17080 Vacuum Adaptor

Allsaw Vacuum adaptor, enables the saw to be connected to most dust extraction units on the market today.

✓ A17074 Ian Key (Torque Key 18Nm)

Allsaw Ian Key is a specially designed 'torque key' to be used when changing the blades so that the bolts can be easily tightened to the correct torque setting of 18Nm.

✓ BL170G HP GENERAL PURPOSE BLADE

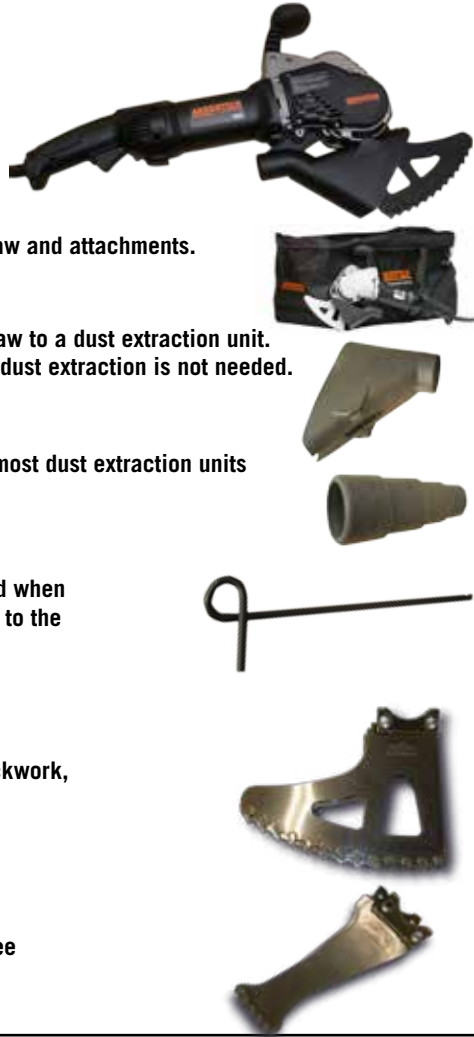
Brick and mortar cutting to 50 mpa.

Ideal for raking out mortar and cutting openings through brickwork, tree roots, see page 6 for more detail.

✓ BL170P HP PLUNGE BLADE

Brick and mortar cutting to 50 mpa.

Ideal for fast single brick removal, raking out mortar in purp-joints and cutting small openings through brickwork, see page 8 for more detail.



✓ Additional items

✓ BLADE SHARPENING DISC

A16054 Arbortech Blade Sharpening Disc – Keep your blades in mint condition Cut faster, cut cleaner & prolong the life of your blades. (comes with angle setting guide).



THE AMAZING ALLSAW

Application manual

✓ Additional blades

✓ BL170 HJ TCT HEAD JOINT BLADE

Head Joint Blades D: 65mm W:7.2mm

For raking out mortar from standard mortar joints in brick and stonework to a max. of 65mm. Ideal for structural bar installations. *Replaces the tuck pointing blade.*

✓ BL170S HP SWITCH-BOX BLADE

High Performance TCT Switchbox Blades D:115mm W:7.2mm

For making smaller plunge cuts e.g for electrical switchboxes or around handmade bricks with smaller perp-ends.

✓ BL150 W HSS WOOD BLADE

Wood blades D: 110mm W:6.5mm

The wood blades are used for cutting clean wood.
Wood Jaw not included with the wood blade.

✓ BL170 HN TCT HERITAGE

Heritage Narrow Blades D: 30mm W:3.2mm

For raking out mortar from fine joints in brick or stonework.

✓ BL170 CR CAULKING REMOVAL BLADE

The blades adjust to the width of the gap and cut clean out all the old joint material to leave the surface ready for a replacement filler.

✓ BL170 OS HP OFFSET BLADE

BL170 OS HP High Performance Offset Plunge Blades

For general cutting of bricks & mortar. Designed for cutting into tight corners. Use this blade for brickwork repair.

✓ BL170G XL, XL GENERAL PURPOSE BLADE

High Performance TCT General Purpose Blades D:170mm W:7.2mm

For general cutting of brick and mortar up to 170mm depth. They can also be used for cutting tree-roots, wood, plastic and soft stone. *Only recommended for AS170.*

✓ BL170W XL HSS XL WOOD BLADE

High Speed Steel Wood blades D: 170mm W:6.5mm

The wood blades are used for cutting clean wood.
Only recommended for AS170.

Note: All masonry blades can effectively cut materials up to 50 mpa.



NEW

NEW

NEW



AS170 General Purpose Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ General Purpose Blade designed for longer cuts.
- ✓ Cuts brick, mortar, soft stone, concrete blocks to 50 mpa, plastic, wood & composite materials, 120mm cutting depth.



Low dust cutting !



Removable

✓ Order code BL170G HP

✓ Cuts clean through brickwork, with low dust,

THE AMAZING ALLSAW

Application manual

- ✓ Raking out for re-pointing and brickwork repair.
- ✓ Cutting out openings in masonry, for doorways, windows, electrical cabinets with very little dust.
- ✓ Damp proof membrane replacement.
- ✓ Cuts roofing felt - blades move at low speed preventing the tar from melting.
- ✓ Cutting out for cavity trays.
- ✓ Raking out for lead flashings.
- ✓ Removing and cleaning out expansion joints in concrete.
- ✓ Cutting out expansion joints in brickwork.
- ✓ Chasing out for cables, pipes and reinforcement.
- ✓ Cutting trees, tree roots, or astra-turf, soil and all!



EXTRA LARGE

XL

AS170 XL General Purpose Blade

NEW 170mm TCT Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

THE ALLSAW GOES LARGE !



✓ Order code BL170G XL

✓ **Faster, deeper cutting, for doorways
window openings and meter boxes !!**

THE AMAZING ALLSAW

Application manual

- ✓ Cutting out openings in masonry, up to 170mm deep
- ✓ Cutting out openings in masonry, for doorways, windows, electrical cabinets with very little dust.
- ✓ Cuts roofing felt - blades move at low speed preventing the tar from melting.
- ✓ Cutting out for cavity trays.
- ✓ Ideal for cutting old and new railway sleeper.
- ✓ Removing and cleaning out expansion joints in concrete.
- ✓ Cutting out expansion joints in brickwork.
- ✓ Chasing out for cables, pipes and reinforcement.
- ✓ Cutting trees, tree roots, or astra-turf, soil and all!



AS170 Plunge Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ Plunge Blade designed for fast single brick removal.
- ✓ Cuts brick, mortar, soft stone, concrete blocks to 50 mpa, plastic, wood & composite materials, 125mm cutting depth.



52mm

✓ Order code BL170P HP

✓ Removes bricks so cleanly you can re use them!!

THE AMAZING ALLSAW

Application manual

- ✓ Raking out purp-joints for re-pointing and brickwork repair.
- ✓ Fast single brick removal, removes bricks with-out damaging the brick, enabling you to reuse the bricks.
- ✓ Damp proof membrane replacement.
- ✓ Fitting cavity trays and weep holes.
- ✓ Raking out for lead flashings.
- ✓ Chimney work, removing brickwork to gain access into the chimney flue, *e.g: installing flue liners.*
- ✓ Cutting out expansion joints in brickwork.
- ✓ Cutting out for electrical boxes, shower valves and pipe work.
- ✓ Tooothing out for bonding in brickwork.




AS170 Switch Box Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ Switch Box Blade designed for narrow purp-joints
- ✓ Cuts brick, mortar, soft stone, concrete blocks to 50 mpa, plastic, wood & composite materials, 115mm cutting depth.



✓ Order code BL170S HP

Removable 

✓ Small enough to get into the details!!

THE AMAZING ALLSAW

Application manual

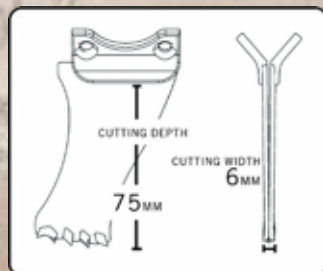
- ✓ Cutting small holes in brickwork
- ✓ Letter box and ventilation grill installations
- ✓ Fast single brick removal for smaller bricks, removes bricks without damaging the brick, enabling you to re-use the same bricks.
- ✓ Chimney work, removing plaster and bricks to gain access into the chimney flue, eg: when installing flue liners.
- ✓ Cutting out for switch boxes shower valves and pipe work.
- ✓ Tothing out for bonding in brickwork.
- ✓ Tothing around smaller hand made bricks, flints, tile creases and architectural details.



AS170 Head Joint Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ Head Joint Blade designed for Raking out joints in masonry
- ✓ Order code BL170HJ



✓ **THE FASTEST WAY TO RE-POINT**

- ✓ New technology for re-pointing, Clean, Safe and Fast!
NO MORE DUST CLOUDS, APPROVED BY MOST COUNCILS,

THE AMAZING ALLSAW

Application manual

- ✓ Raking out for re-pointing and brickwork repair to a maximum depth of 75mm.
- ✓ Perfect for fast raking of horizontal and vertical (purp) mortar joints.
- ✓ Ideal for raking out to a depth of 75mm for lead flashings.
- ✓ Chasing out for cables and pipes.
- ✓ Mortar raking, ideal for raking out mortar joints to controlled depth, both bed and purp-joints.



AS170 Heritage Narrow Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ Heritage Narrow Blades designed for raking narrow joints in masonry.
- ✓ Providing the accuracy required for restoration work.

Approved on
Heritage sites!



✓ Order code BL170HN

✓ Suitable for narrow re-pointing, Clean, Safe and Fast!
LOW DUST, ACCURATE CUTTING, APPROVED BY HERITAGE,

THE AMAZING ALLSAW

Application manual

- ✓ Designed for cutting & raking out of joints as narrow as 3mm, often found on older and historic properties.
- ✓ Raking out of narrow mortar joints less than 3mm can be achieved by using one blade.
- ✓ Cutting out old lead joints.
- ✓ Removing putty and jointing compounds.
- ✓ Cleaning out cracks in plaster prior to filling.
- ✓ Cutting out and preparing for new stone work.
- ✓ Removing old tile grout.



AS170 Wood Blade & Jaw

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ HSS Wood Blade cuts safer than a chain saw for tree pruning and timber cutting
- ✓ Very versatile in most building applications



✓ Order code BL150W

✓ Order code A160J

✓ Wood jaw can be added to increase cutting speed!!

THE AMAZING ALLSAW

Application manual

- ✓ Plastic, wood & composite materials.
- ✓ Ideal for tree work, tree pruning.
- ✓ Tree stump removal, cuts through roots, soil & all.
- ✓ Cutting out floor boards and skirtings - tight to walls!
- ✓ Notching out floor joists for pipe-work etc.
- ✓ Cutting out for pipe-work using plunge action, getting in to most corners & difficult places.
- ✓ Striking of concrete forms and shuttering.
- ✓ Demolition work for fast removal of timber.
- ✓ Cutting joints for roof timbers.
- ✓ **CUTS WOOD FAST!!**



EXTRA LARGE

XL

AS170 XL Wood Blade

NEW 170mm HSS Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

- ✓ HSS XL Wood Blade very versatile in most building applications.
- ✓ Safer than a chain saw for tree pruning and timber cutting



**170mm
Wood Blade**

- ✓ Order code BL170W XL

**CUTS WOOD LIKE THERE'S NO TOMORROW!
THE SAFE ALTERNATIVE TO THE CHAIN SAW!**

THE AMAZING ALLSAW

Application manual

- ✓ Plastic, wood & composite materials.
- ✓ Ideal for tree work, tree pruning.
- ✓ Tree stump removal, cuts through roots, soil & all.
- ✓ Cutting out floor boards and skirtings - tight to walls!
- ✓ Notching out floor joists for pipe-work etc.
- ✓ Cutting out for pipe-work using plunge action, getting in to most corners & difficult places.
- ✓ Ideal for cutting old and new railway sleeper.
- ✓ Demolition work for fast removal of timber.
- ✓ Cutting joints for roof timbers.
- ✓ **CUTS WOOD FAST!!**



NEW

AS170 Caulking Removal Blade

sales@arbortechsales.co.uk www.arbortechsales.co.uk

NEW Caulking Removal Blade for removal of expansion joints



INNOVATION

✓ Order code BL170 CR

The blades adjust to the width of the gap to cut and clean out all the old joint material to the leave surface ready for a replacement filler.



NEW AS170 Offset Blade

Application manual

NEW Offset Plunge Blades



✓ Order code BL170 OS HP

“Cutting corners with the ALLSAW”



AS170 TRIED, TESTED AND PROVEN

sales@arbortechsales.co.uk www.arbortechsales.co.uk

AS170 Allsaw - Tops for pipe & cable management!

Photographs supplied by:

Mr Jorge Catalao - Milbourne Property Services 22.10.10

"The machine cuts through the mortar without damaging the bricks, so that the same brick can be fitted back, to avoid using new bricks, where it would be difficult matching texture and colouring"



Cut out to access cavity



Hide unsightly soil pipe



Replace & re-point bricks.

Concealing of unsightly cables - an easy spin off job with an Allsaw



Before



After

THE AMAZING ALLSAW

Application manual

GIBBS AND LUND CHIMNEY SPECIALISTS: Nacs Member Report

The Arbortech ALLSAW has bought us amazing advantages on site:

Previously, the first job when advancing on a stack repair, would be to dismantle any aerials - we couldn't run the risk of the angle grinder catching the restraining wire as it would slice straight through.

With the Arbortech we no longer have to dismantle aerials - the ALLSAW blades *will not cut metal* & we can rake joints under and around the restraining wire with no worries.

Now we 'snap up' jobs involving repairs to weathered corner bricks etc - its so simple to tooth out the bricks and turn around for re-use - no more broken bricks or having to source & match replacements.

The ALLSAW has given us far more confidence in approaching jobs.

Whither repairs, airbrick replacements, raking out T-shaped corners and over sailing courses have never been so easy.

The Arbortech is the one tool we couldn't do with out now.



AS170

EVERYDAY USES:

sales@arbortechsales.co.uk www.arbortechsales.co.uk

**"Take the plunge,
If you don't believe it
try it !"**



Toothing & bonding
brickwork



Cutting openings for
windows / doorways



Trimming
tim



Raking out for lead
flashings



Cutting out floor
boards

The Allsaw can effectively cut
a wide range of materials:
Bricks (up to 50 mpa), mortar,
fibre cement, fast block,
concrete block, soft stone

The Allsaw is saving m
EVERY TRADE IS NOW BEN

Don't be left behind



Cutting / pruning
trees and shrubs



Cutting t
through

THE AMAZING ALLSAW

Application manual



Back roof
rafters



DPC, Cavity tray &
wall tie replacement

- No clouds of dust
- No kick-back or over-run

Work faster with a clear view
and a greater degree of
accuracy



Repointing with
minimal dust



Low dust chasing



Many contractors £1000s
benefiting from the ALLSAW
- order yours today.



Cutting out for
service boxes



Tree roots,
high soil!



Fast single
brick removal

A unique patented orbital
cutting motion provides two
TCT blades that combine to
perform both a hammering and
cutting action with minimal dust

40% MORE CUTTING DEPTH 100'S MORE APPLICATIONS



Fast crack repair

A perfect job is quickly done!



Plunges deep!



Cuts clean and square.



Turn & re-use existing bricks!



Now it's easy!

- FASTER
- SAFER
- CLEANER

Approved on
Heritage sites!

**CUTS SAFE!
CUTS SQUARE!
PLUNGES DEEP!
WITH LOW DUST!**

**REPOINTING,
CUTTING DOORWAYS,
CHASES, SOCKET BOXES
& MUCH MORE**

**SALVAGE VITAL
MATERIALS**

Arbortech Sales

01432 346870

0800 9800 998

Stockists & agents required
sales@arbortechsales.co.uk

SEE ACTION VIDEOS. www.arbortechsales.co.uk