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THE AMAZING
ALLSAW

Work with confidence

Work cleaner

Work faster

Work safer

NEW AS170
BRICK & MORTAR SAW

Approved on
Heritage sites!



Cut safe
Cut square
Plunge deep
With low dust

“Take the plunge”

AS170 Allsaw Technology

THE AMAZING ALLSAW

Applications manual

AS170 Technical Information	
Item	Specification
Cutting depth / width	4 3/4" (120mm) - 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), (16Nm)	

✓ **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.

✓ **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.

✓ **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.

✓ **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.

AS170 Allsaw Blades



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

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

Only 4.3 KG
110v or 240v option

✓ Many things a circular blade just cannot do!!

✓ GENERAL PURPOSE BLADE BL170G HP

Brick and mortar cutting,
ideal for raking out mortar and cutting openings through brickwork,
see page 6 for more detail.

✓ HEAD JOINT BLADE BL170 HJ

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

✓ PLUNGE BLADE BL170P HP

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

✓ SWITCH-BOX BLADE BL170S HP

Brick and mortar cutting,
Ideal for cutting small holes in masonry for electrical boxes,
shower valves and working around hand made bricks and flints,
see page 10 for more detail.

✓ HERITAGE BLADE BL170HN

Narrow 3mm blade suitable for the delicate heritage work,
specified by heritage bodies as the only power tool to be used on
their sites. see page 14 for more detail.

✓ WOOD BLADE BL150W

General wood cutting, tree pruning, root cutting and cutting
timber against masonry. see page 16 for more detail.

✓ BLADE SHARPENING DISC A16054

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



AS170 General Purpose blade



- ✓ GP blade designed for longer cuts.
- ✓ Cuts brick, mortar, soft stone, concrete blocks, plastic, wood & composite materials, 120mm cutting depth.



- ✓ 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 plastics, asphalt, bitumen & 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!



✓ Chasing work, cuts into corners without over-run!!



AS170 Plunge blade

- ✓ PB Blade designed for plunge cutting
- ✓ Cuts brick, mortar, soft stone, concrete blocks, plastic, wood & composite materials, 125mm cutting depth.

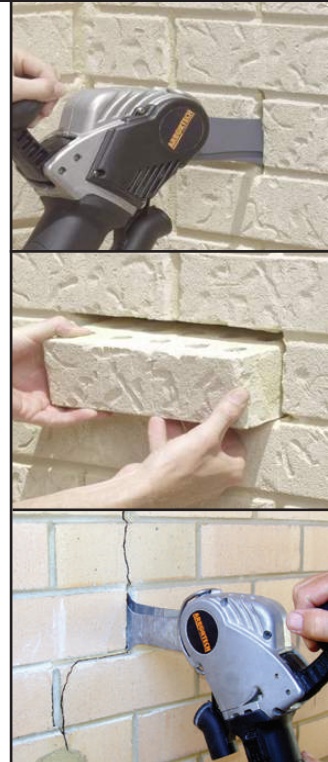


✓ Order code BL170P HP



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

- ✓ 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.
- ✓ 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

- ✓ SB Blade designed for plunge cutting
- ✓ Cuts brick, mortar, soft stone, concrete blocks, plastic, wood & composite materials, 115mm cutting depth.



✓ Order code BL170S HP



- ✓ Small enough to get into the details!!

- ✓ 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.
- ✓ Tooothing out for bonding in brickwork.
- ✓ Tooothing around smaller hand made bricks, flints, tile creases and architectural details.



AS170 Head Joint Blade

NEW 75mm Head joint blade



- ✓ Blade designed for Raking out joints in masonry
- ✓ Cuts brick, mortar, soft stone, concrete blocks, plastic, wood & composite materials, 75mm cutting depth 7.2mm width.
- ✓ Order code BL170 HJ

✓ Rakes out purp-joint faster than anything else!!

- ✓ 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 blade

- ✓ Approved on Heritage sites.
- ✓ Providing the accuracy required for restoration work.



✓ Order code BL170HN

✓ Only power tool approved to work on heritage sites!

- ✓ 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

- ✓ 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!!

- ✓ Plastic, wood & composite materials.
- ✓ Ideal for tree work, tree pruning.
- ✓ Root removal, cuts through roots soil & all - no fuss!
- ✓ 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!!**



AS170

A VISION WITH OUT COMPROMISE

THE AMAZING
ALLSAW

Applications manual

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



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.



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AS170

CHANGING THE WAY WE WORK

THE AMAZING ALLSAW

Applications manual

I would just like to take a little of your time to tell you what a fantastic bit of kit this machine is .

When I first saw the Arbortech saw in a trade magazine, I read up on it and thought that this would be a great tool for a new contract that I was about to start. For years I have used disc cutters and drills to cut out and tooth brickwork with hours of labour.

My new job was to convert a old oast house and extend it to create a 5 bed building. We had lots of old windows to remove and cut out old brickwork ready for new walls and frames to go in. We set up the saw and started to cut out the old walls ,and was amazed at how quick and easy this tool made the job. We toothed out and cut a new opening for a door frame in half the time we would normally take and we did not chip any bricks in doing so.

I first though that the tool was a lot of money to buy but after using on this job I would highly recommend it to any builder like myself that takes pride in their work and wants to get a job completed in good time. I have paid for the saw on this one job in the time it has saved me in labour costs.

Once again thank you for a excellent tool

Yours Sincerely
Paul Ray
Director of Paul Ray Construction Ltd

Using a conventional hammer action drill will get the thing out but it will smash the brick itself to pieces in the process.

What is required is something with a little more finesse, as befits one of the finest examples of Jacobean architecture in the country, but with the muscle to do the job – what is required, in fact is the unique Arbortech Allsaw.

Lime machine

“The amount of time this tool has saved me would add up to a good many man hours,” enthused Mr Kirby, as he took the tool to one of the property’s original garden walls.

“What you need is something that’s capable of getting the brick out unscathed because, if you damage them then you’re getting into the realms of having to have replacements specially made, which is not exactly cheap. It’s always going to be difficult to get an exact match with the existing brickwork with new stock as well and the difference can be a quite unsightly.”

Given that restoration work tends to be the bread and butter of A.B. Kirby & Sons they took the decision to invest in two of the tools, and have been using them ever since on any number of jobs in the hundred mile or so radius in which they work.

“Because it’s old brickwork, the tool can easily handle the lime mortar that was used back then and cuts through it pretty easily.”

Due to the Arbortech’s two forward facing blades which oscillate to combine a hammering and cutting action, the saw also creates very little airborne dust. In fact, Kirby claims that it cuts faster than any existing reciprocating saw and as fast as most small angle grinders.



EXTRA LARGE
XL 170mm
General
Purpose Blade

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EXTRA LARGE
XL 170mm
Wood Blade

THE AMAZING
ALLSAW

Applications manual

Order Code: BL170G XL

NEW 170mm TCT Blade

CUTS BRICKS, MORTAR, SOFT STONE, PLASTIC & WOOD



THE ALLSAW GOES LARGE !

Order Code:
BL170W XL

NEW 170mm Wood Blade



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



NEW AS170

TOTALLY UNIQUE

THE AMAZING ALLSAW

Application manual

NEW MOTOR WITH OVER 40% MORE POWER!

- ✓ FAST SINGLE BRICK REMOVAL
- ✓ CLEANER & SAFER TO WORK WITH
- ✓ REPOINTING & REPAIRS
- ✓ FAR LESS DUST, LESS CLEAN UP, LESS HAZARDS
- ✓ CHASING WORK & CUT OUTS MADE EASY
- ✓ INTO 90° CORNERS – NO OVERRUN
- ✓ CUTS BRICK, MORTAR, SOFT STONE, PLASTIC, WOOD & COMPOSITE MATERIAL
- ✓ SO VERSATILE 100'S OF USES
- ✓ TREE ROOTS.

Prove it for yourself!
Buy or hire one today!

Approved on
Heritage sites!

NEW AS170

BRICK & MORTAR SAW

With high performance blades

**Removes bricks
clean,
fast
and
easily!**

**Cut safe
Cut square
Plunge deep
With low dust**

“Take the plunge”

stockist:

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