

AS160

Brick + Mortar Saw

ARBORTECH

www.arbortech.com.au

TAKE THE PLUNGE.

THERE ARE THINGS A CIRCULAR BLADE JUST CANNOT DO.



> CUT SQUARE. > CUT DEEP. > CUT WITH LOW DUST.

Think Outside the Circle

The award-winning AS160 Brick + Mortar Saw featuring Allsaw Technology™ represents a revolution in cutting technology. Using a unique patented orbital cutting motion with two forward facing blades that combine to perform both a hammering and cutting action, the AS160 Brick + Mortar Saw allows for clear visibility and empowers the professional with the ability cut square, cut deep, cut dry and cut safe with no flydust. The AS160 offers extreme levels of precision, accuracy and control allowing the tool to be used for a wide range of applications, from heritage masonry work to electrical installations.

AS160 Cutting Material Guide:

Building Material:	Rock:	*Wood	*Plastics
Bricks - (up to 50MPa)	Soft Sandstone	Hard wood	Foam
Mortar	Natural Limestone	Chip or Ply wood	PVC
Fibre Cement	Soft to Medium Stone	Dirty wood	Acrylic
Fast Block		Tree roots in the ground	Fibreglass Sheet

(*Wood blades optional extra)

CUTS FAST:

Save time on chiselling, cleaning and rendering by cutting square to full depth of cut. The AS160 cuts faster than any existing reciprocating saw and as fast as most small angle grinders.

VISIBILITY

The unique blade position allows clear visibility of the material while cutting.

CUTS SQUARE:

The AS160 is able to cut square corners, requiring no over cutting, or bolsting.

PLUNGE CUTS:

Use the AS160 to cut directly into flush walls without stitch drilling.

CUTS SAFE:

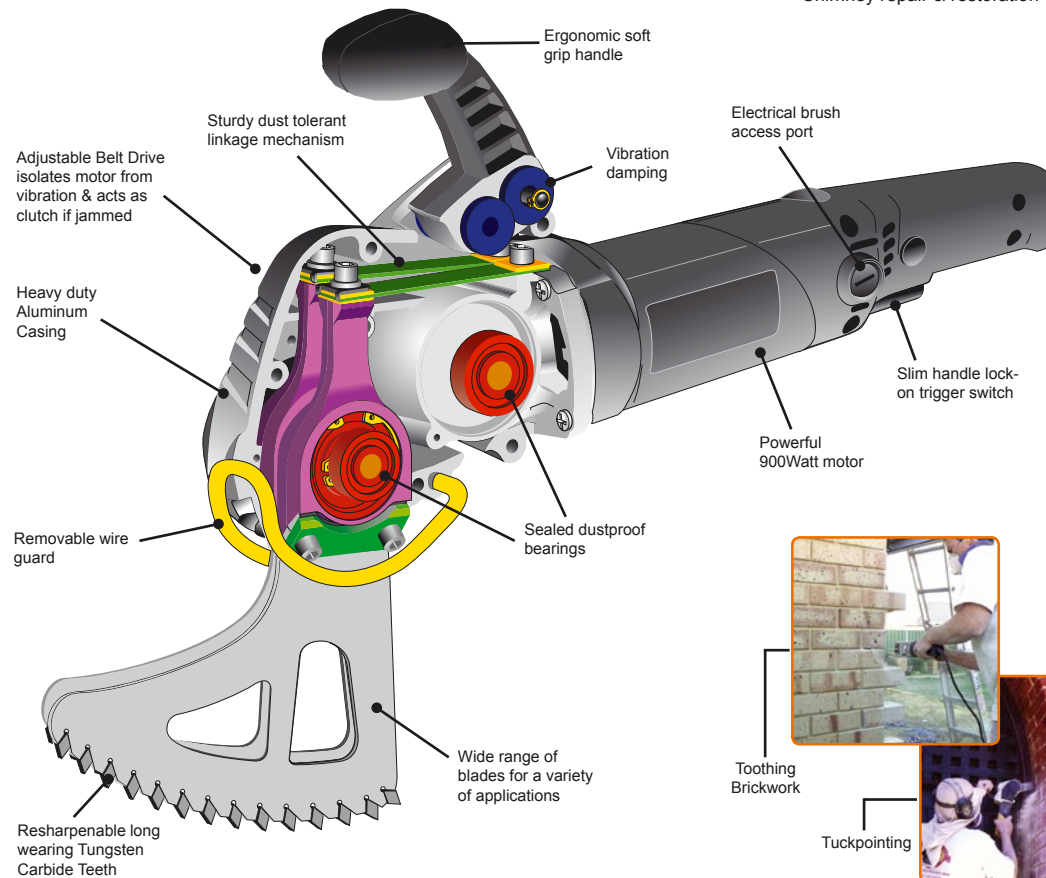
Unlike conventional disc cutters, the AS160 does not generate flydust, and because it is belt driven there is no kickback.

CUTS DRY:

Cuts masonry materials dry, with significantly less respirable dust than disc cutters.

CUTS DEEP:

The AS160 is the only small, handheld saw able to cut to depths of 120mm / 4^{3/4}" (Plunge blade) in masonry materials.



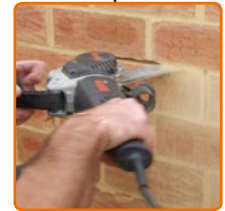
Renovation, Restoration & Repair

The Arbortech AS160 Brick + Mortar Saw is an ideal tool for both trade professionals and DIY enthusiasts, as it covers a wide range of renovation, restoration and repair work:

- Housing repairs and re-pointing
- Extensions and additions
- Renovations and alterations
- Chimney repair & restoration

These are some of the ideal applications for the AS160:

- Toothing brickwork for extensions.
- Tuckpointing.
- Fast removal of in-built objects such as anchors, wall plates, joists, trusses, frames, sills, beams, lintels, wall units and steps.
- Expansion joints and wall section replacement.
- Removal of in-built furniture, plumbing and vanities.
- Cutting of archways and windows.



Installations:

- Vents.
- Ducts.
- Registers.
- Plumbing.
- Electrical cabling, conduit & switch boxes.
- Electrical goods.
- Windows.
- Ablutions.
- Lighting.
- Waste units.
- A/C units



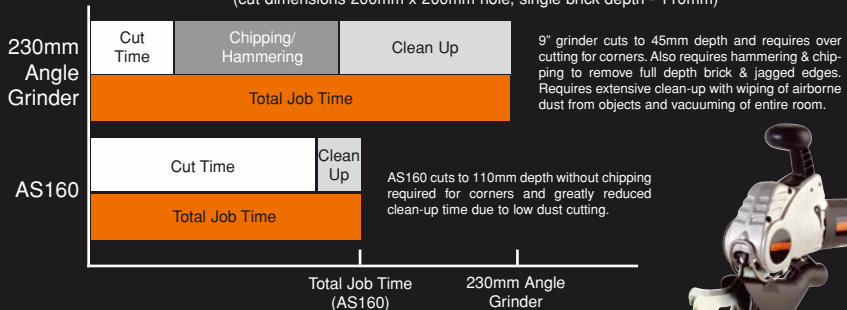
SPECIFICATIONS

Cutting width	6.5mm/7.2mm, depending on blades
Weight, with cutting blades	4.3kg (9.5lb)
Dimensions without blades	345 mm (13 1/2") Length 75 mm (3") Width 210 mm (8 1/4") Height
Noise level	96 dB at 1.0 m
No load speed	6,500rpm
Electrical rating, nominal	230-240 VAC, 50Hz, 900W (Australia) 230 VAC, 50 Hz (Europe) 110 - 120 VAC, 50-60 Hz (US, Canada, UK Industrial)
Dust extraction vacuum hose interface	30mm ID, EN 60335-2-69
Belt tension	1 mm (1/16") maximum mid-span deflection with 25 N (2.5 kg) (8lb) deflection force
Blade mount bolt torque	16 N-m (1.6 kg-m), (11.5 ft-lb), un-lubricated
CE Compliance	EN 50144-1:1999 incl. Amdt 1, and EN 50144 2-11:1997

BLADE TYPES	DESCRIPTION	CUTTING SPECS	APPLICATION
General Purpose Blades		Depth: 115mm Width: 7.2	Used for general cutting of bricks (up to 50mpa), and mortar or general masonry cutting. Also used for cutting tree roots or wood through dirt and sand.
Plunge Blades		Depth: 120mm Width: 7.2	Used for general cutting of bricks and mortar. Designed for cutting a single brick height (120mm) / 4 ^{3/4} " depth.
Tuckpointing Blades		Depth: 35mm Width: 7.2	Used for removing the mortar between the bricks in restoration work (known as tuckpointing).
Switchbox Blades		Depth: 115mm Width: 7.2	Used to cut out small holes for electrical switches.
Wood Blades & Woodjaw		Depth: 110mm Width: 6.5	The Wood blades are used for cutting clean wood. The Wood Jaw is an optional accessory, that can be added to the machine, to increase the cutting speed in timber by up to 3 times.

Comparison of Cut Time v Total Job Time

(cut dimensions 200mm x 200mm hole, single brick depth - 110mm)



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