Auckland: (09) 2717 234
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www.machineryhouse.co.nz

Product Brochure For S851

Non-Ferrous Semi Auto Metal Cutting Saw - Swivel & Compound Mitre Head - ALU-350A

Ø350mm Blade, 100 x 195mm Rectangle Capacity
Includes Adjustable Twin Material Air Clamps with Manual & Auto Functions

Ex GST	Inc GST
$4,502.00	$5,177.30



ORDER CODE:	S851
MODEL:	ALU-350A
Cutting Head Action (Auto-Manual):	Auto & Manual
Operation Type:	Swivel - Dual Mitre & & Compound Left
Round Capacity @ 90º / 45º (mm):	100 / 100
Square Capacity @ 90º / 45º (mm):	100 / 100
Rectangle Capacity @ 90º / 45º (mm):	100 x 195 / 100 x 135
Compound Rectangle Capacity @ 45º x 45º (mm):	135 x 35
Compound Square Capacity @ 45º x 45º (mm):	70 x 70
Blade Size (D x B x T) (mm):	Ø350 x 30 x 3
Number of Teeth (No.):	120
Vice Clamping Fixture:	Pneumatic
Coolant System:	Spray Mist
Table Working Height (with Stand) (mm):	885
Blade Speeds (rpm):	3300
Motor Power (kW / hp):	1.5 / 2
Voltage (V):	415
Machine Dimension (mm):	700 x 700 x 1400
Nett Weight (kg):	110

Description

The new ALU-350A non-ferrous (aluminium or copper material) now comes with a semi auto material clamp function that will help increase production output when set in the auto mode, as the pneumatic material clamps are automatically controlled by the movement of the cutting head. The 2hp 415V high speed motor spins the blade at 3300rpm and ensures a great clean cut every time, and is perfect for cutting those soft metals known for gumming up blades when used with the correct lubricant fluid.

This saw has a maximum capacity of 100mm round at 90 degrees & 45 degrees, and the ability to mitre from 45 degrees left & right, and is also able to compound mitre 45 degrees to the left, making this the most versatile aluminium cutting saw on the market today.

Operation of the ALU-350A saw could not be easier, with the machine powered up, simply place the material in position, flick the air clamp switch to auto mode, start the machine blade with the hand trigger switch, then manual pull the cutting head down to cut your material with ease, then simply lift the head back up to its home position to have the pneumatic air clamps automatically release material so you can cut your next piece. This machine also features a mist type coolant system to help prolong blade life and produce a clean cut.

Features

- 3-way material clamp switch - On & Off or Auto mode
- Dual mitre 45º left & 45º right
- Compound mitre 45º to the left
- Adjustable twin material air clamps
- 350mm x 30mm x 120T tungsten carbide tipped blade
- Quiet belt drive for smooth cutting
- Spray mist coolant system
- Dead man trigger hand switch
- 60mm rear swarf outlet port
- Stand with storage cabinet
- Cast aluminium base & guard
- Safety magnetic switch
- Pad-lockable isolation switch
- 1.5kW / 2hp, 415V motor

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Specific Features


Left View


Compound Cut at 45 Degrees

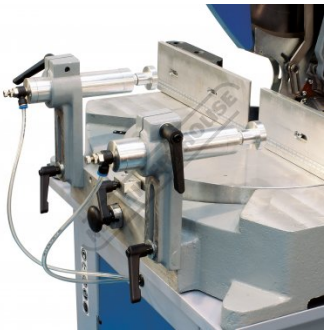

Compound Cut at 45 Degrees Left View


Compound Cut at 45 degrees Right View

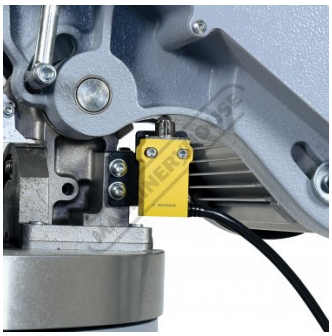

Tilting Head To 45 Degrees


Swivel Head To 45 Degrees


Side View Of Head


Dual Material Air Clamp System

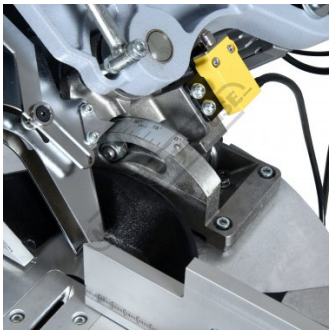

Head Close Up


Material Clamp Switch


Head Down


Swivel Head Scale Indicator


Swivel Head Release


Tilting Head Scale Indicator


Mist Spray Lubrication Flow Control


Storage Cabinet With Oil Bottle

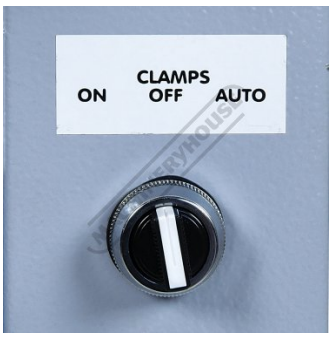
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Dust Extraction Chute



Air Clamp Switch On Off-Auto Mode



Control Switch Panel



Tilting Head Rail Included



Air Input

Recommended Accessories

S165
Aluminium Cutting Blade - Carbide Tipped



S070
Metalium Neat Oil TCT ALU - 5 Litre



L812
Roller Conveyor



L814
Roller Conveyor Stand



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M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue

