

AERO BOOM[®]

**HIGH FORCE HYDRAULIC
TOOLS & SOLUTIONS**

INTEGRAL HYDRAULIC NUT SPLITTER



OPERATION MANUAL

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The Aeroboom AHNS range of hydraulic nut splitters offers a choice of 3 models suitable for hexagon nut AF sizes from 17 to 50mm (M10 to M33 bolt sizes). The nut splitters are designed to easily split corroded nuts up to RC44 hardness, Aeroboom nut splitters offer the ideal 'cold cut' solution for removing worn or corroded fasteners, especially in applications where 'hot work' permits are not allowed

Before operating your Aeroboom AHNS series nut splitter check in the table below for the correct capacity to suit the nuts to be cut.

Model	Hexagon AF Sizes		Bolt Sizes		Dimensions						Weight (kg)
	(mm)	inch	Metric	Imperial	A	B	C	D	E	F	
AHNS-01	17-32	1 1/16"-1 1/4"	M10-M22	1/2"-3/4"	64	88	12.5	30	380	455	5
AHNS-02	32-41	1 1/4"-1 5/8"	M22-M27	3/4"-1"	78	101	20	37	340	540	7
AHNS-03	41-50	1 5/8"-2"	M27-M33	1"-1 1/4"	94	112	21	43	471	566	11

SAFETY

READ THESE INSTRUCTIONS AND SAFETY WARNINGS FULLY
FAILURE TO DO SO COULD RESULT IN DEATH, PERSONAL
INJURY OR EQUIPMENT DAMAGE

TAKE CARE WHEN OPERATING NUTSPLITTERS TO ENSURE THAT ALL BODILY PARTS ARE CLEAR OF THE CUTTING AREA.

ALWAYS WEAR SUITABLE EYE PROTECTION AS SPLINTERS MAY FLY.

GLOVES AND SAFETY FOOTWEAR ARE ALSO ADVISABLE.

DO NOT ATTEMPT TO CARRY THE NUTSPLITTER BY THE OPERATING LEVER

Fig 1

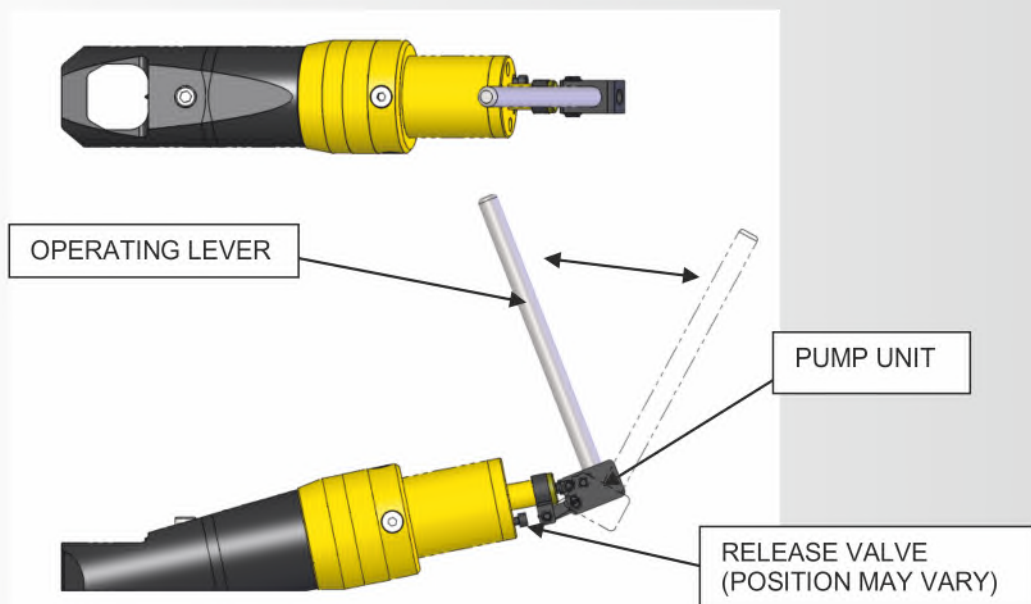
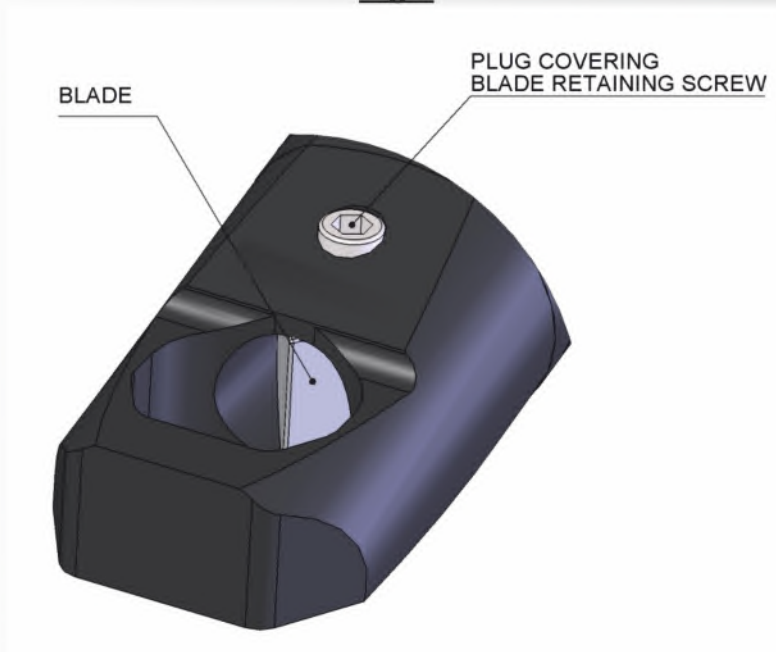


Fig 2

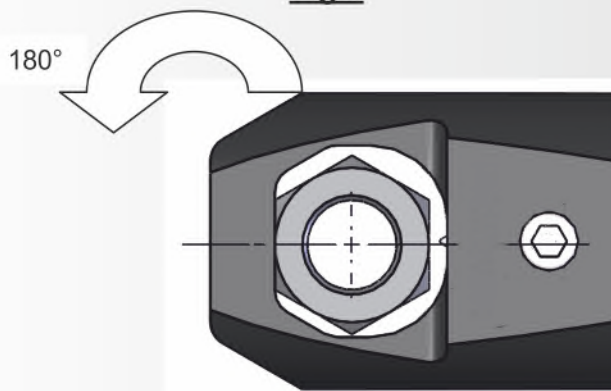
OPERATION

Using the slotted end of the operating lever, slacken the release valve (Fig 1) to ensure the blade is fully retracted. Tighten the release valve – do not use excessive force.

Fit the operating lever to the pump unit (Fig 1), ensuring it is pushed fully on.

Place the nut splitter over the nut to be cut so that the blade is aligned with the centre of one flat of the nut. Never try to cut on a corner of the nut. Operate the pump unit by operating the lever (Fig1) whilst holding the nut splitter in position. Stop the pump when the nut is cut through to avoid damage to the bolt. Retract the blade by opening the release valve (Fig 1).

If the nut cannot be removed after one cutting operation, reposition the nut splitter 180° from the first cut and make a second cut (Fig 3).

Fig 3

CARE AND MAINTENANCE

After completing each cutting operation **ALWAYS** clean any debris from around the cutting blade and cutter jaw. This will greatly reduce the possibility of blade jamming.

After a period of operation, depending on the material being cut, the Blade may develop a slight 'Roll Burr' along the cutting edge. This 'Roll Burr' can be easily removed by using a knife sharpening stone, which should always be applied to the **FLAT SIDES** of the Blade.

Nut splitter blades can be replaced by firstly retracting the blade fully and removing the plug in the top of the nut splitter body (Fig 2). This provides access to the blade retaining screw, which can then be loosened, and the blade pulled from the end of the piston. Care should be taken when carrying out this operation to prevent injury from the blade particularly when fitting a replacement. Refitting is the reverse procedure taking care to ensure the blade retaining screw is correctly tightened. **THIS OPERATION SHOULD BE CARRIED OUT WITH THE RELEASE VALVE FULLY OPEN.**

Always use genuine Aeroboom hydraulic oil. The use of other fluids may invalidate your warranty.

After use, always fully retract the tool.

Protect tools from the elements when not in use. If storing for prolonged periods, grease exposed metal parts. **Never** store the tool with the blade extended.

To protect your warranty, have your cylinder serviced and repaired by an authorised Aeroboom repairer. Only use genuine Aeroboom spare parts. Spare parts sheets can be downloaded from our website www.aeroboom.com



WORLDWIDE HYDRAULIC SOLUTIONS

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LIFETIME WARRANTY

Aeroboom warrants all of its products to be free from defects in material and workmanship for the life of the product. This warranty applies to original purchaser and is not transferable. Damaged components, including broken welds, dented or crushed cylinder walls, bent pistons, or couplers are the result of misuse, and are not covered under this warranty. Items such as seals, o-ring and spring wearing out shall not constitute a defect and shall not be considered for warranty credit. We believe that the Aeroboom products you purchase will meet or exceed your performance requirements. However, in the unlikely event that an Aeroboom product fails due to material or workmanship defect please contact Aeroboom, to have it resolved.



Aeroboom does reserve the right to make changes to the specifications of any product or discontinue any product, contained within this catalogue without prior notice.

