

AERO BOOM[®]

**HIGH FORCE HYDRAULIC
TOOLS & SOLUTIONS**

NUT SPLITTER (ADNS SERIES)



OPERATION MANUAL

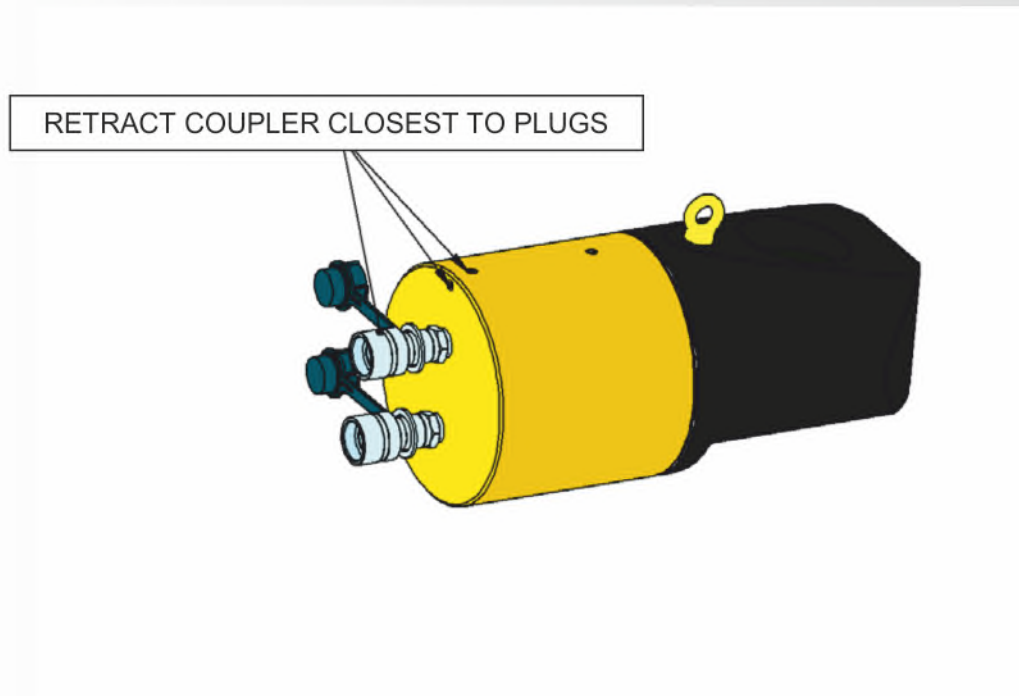
Before operating your Aeroboom ADNS Series Nut Splitter check in the table below for the correct capacity to suit the nuts to be cut.

Model	Hexagon AF Sizes		Bolt Sizes		Dimensions						Weight (kg)
	(mm)	inch	Metric	Imperial	A	B	C	D	E	F	
ADNS-01	75-105	2 15/16"-4 1/4"	M48-M72	1 7/8"-2 3/4"	379.5	192	99.5	130.5	183	34	51
ADNS-02	105-135	4 1/4"-5 3/8"	M72-M95	2 3/4"-3 1/2"	451	240	140	167.5	235	41	98

When connecting hose lines to your Aeroboom ADNS Range Nut Splitter ALWAYS ensure that hoses and couplings are CLEAN, SECURELY FASTENED and of CORRECT PRESSURE RATING for the Nut Splitter i.e. 700 Bar Working Pressure with a 4:1 FACTOR OF SAFETY.

ALWAYS ensure couplers are FULLY TIGHTENED BY HAND, the most common reason why the Nut Splitter blade fails to advance when operated is because the coupler has not been properly cleaned and is not fully connected to the nut splitter.

It is ESSENTIAL that a pump with a 4 way valve suitable for double acting cylinders is used for ADNS nut splitters. BOTH hoses MUST always be connected. Refer to diagram below for correct connection in the event that markings are not visible.



Always check that the hydraulic pump to be used with the nut splitter is of sufficient pressure capacity (700 Bar) and has a sufficient quality of clean, compatible oil in the reservoir. Aeroboom Hydraulics manufacture a wide range of manual, air powered, electric and petrol engine driven hydraulic pumps suitable for use with Aeroboom ANS nut splitters.

Ask your local Aeroboom distributor for further details or consult Aeroboom hydraulics direct.

Using suitable lifting equipment, 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, and the opposite flat is against the flat face of the jaw. Never try to cut on a corner of the nut. Operate the pump whilst holding the nut splitter in position. Stop the pump when the nut is cut through to avoid damage to the stud, bolt or blade. Retract the blade by reversing the oil flow by means of the valve on the pump.

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

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 become blunt or worn. The blade has three cutting edges and can be removed and repositioned by loosening the blade retaining screws shown below and sliding the blade out, ensure that the blade is fully inserted before tightening the screws.



THIS OPERATION SHOULD BE CARRIED OUT WITH THE NUT SPLITTER DISCONNECTED FROM THE PUMP.



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.

