

NS-Series, Hydraulic Nut Splitters

ENERPAC
POWERFUL SOLUTIONS. GLOBAL FORCE.

▼ NS-Series Hydraulic Nut Splitters



- Specially designed to suit standard ANSI B16.5 / BS1560 flanges
- Single-acting (spring return) cylinder
- Tri-blade technology provides three cutting surfaces on a single blade
- Interchangeable heads provide maximum nut range flexibility
- Preset scale allows controlled blade extension, which avoids damage to bolt threads
- Grip tape and handle included for more secure manoeuvrability
- Nickel-plated cylinder body for excellent corrosion protection and improved durability in harsh environments
- Internal pressure relief valve for overload protection.

▼ Heavily corroded and weathered nuts are quickly split and removed using a NS-Series Nut Splitter.



Nut splitter set for joint separation during inspection, maintenance and decommissioning operations. ►

Power and Precision High Performance Nut Splitter



Blade Cutting Depth Scale

Adjustable cutting depth scale for controlled blade extension, which avoids damage to bolt threads. The scale indicates the bolt range in metric and imperial values on each cutting head.



Hydraulic Nut Cutters

The NC-Series models are available featuring an angled head design for 10 - 75 mm hexagon nuts.



Joint Separation Tools

FS and FSH-Series flange spreaders provide quick and easy joint separation using hydraulic or mechanical force.



Flange Alignment Tools

The ATM-Series provide safe and high-precision flange alignment tools that fit most commonly used ANSI, API, BS and DIN flanges.



Single-Acting Hydraulic Nut Splitters



Nut Splitter Sets

To provide maximum flexibility, NS-Series Nut Splitters can also be ordered in sets (NS-xxxSy).

Select Nut Splitter size and pump style from the chart below.

To order additional Cutting Heads (NSH-xxxxxx), Cylinders (NSC-xxx) or Replacement Blades (NSB-xxx), see Selection Chart below.

SET SELECTION:

1 Select your Nut Splitter

2 Select your pump type

NS Series



Capacity:

917 - 1711 kN

Hexagon Nut Size:

70 - 130 mm

Bolt Range:

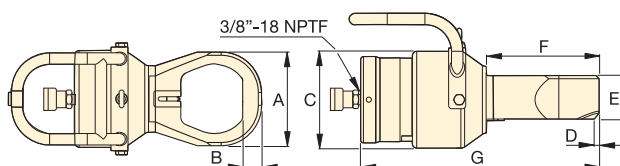
M45 - M90

Maximum Operating Pressure:

700 bar

Nut Splitter Model Nr.	Nut Splitter & Pump Set Model Nr.	Pump Selection			Accessories Included			
		Hand Pump Model Nr.	Air Pump Model Nr.	Electric Pump Model Nr.	Pressure Gauge Model Nr.	Gauge Adaptor Model Nr.	Hydraulic Hose Model Nr.	Storage Case Model Nr.
NS-70105	NS-70105SH	P-392	—	—	GP-10S	GA-2	HC-7206	CM-4
NS-70105	NS-70105SA	—	XA-11G *	—	²⁾	—	HC-7206	CM-4
NS-70105	NS-70105SEE	—	—	PUD-1100E	GP-10S	GA-2	HC-7206	CM-7
NS-110130	NS-110130SH	P-802	—	—	GP-10S	GA-2	HC-7206	CM-4
NS-110130	NS-110130SA	—	XA-11G *	—	²⁾	—	HC-7206	CM-4
NS-110130	NS-110130SEE	—	—	PUD-1100E	GP-10S	GA-2	HC-7206	CM-7

* XA-11G air pump features an integrated pressure gauge.



SELECTION CHART

Bolt Range	Hexagon Nut Range ¹⁾	Capacity	Oil Capa- city	Model Number ²⁾	Dimensions (mm)									Cylinder ³⁾	Cutting Head ³⁾	Replace- ment Blade
					A	B	C	D	E	F	G	(kg)				
(mm)	(mm)	ton (kN)	(cm³)		A	B	C	D	E	F	G	(kg)				
M45 - M52	70 - 80	103 (917)	377	NS-7080	132	28	180	8,0	81	186	412	37,0	NSC-70	NSH-7080	NSB-70	
M45 - M56	70 - 85	103 (917)	377	NS-7085	145	30	180	8,0	81	196	422	37,0	NSC-70	NSH-7085	NSB-70	
M45 - M64	70 - 95	103 (917)	377	NS-7095	160	32	180	8,0	81	201	432	38,5	NSC-70	NSH-7095	NSB-70	
M45 - M72	70 - 105	103 (917)	377	NS-70105	174	35	180	9,0	81	209	443	39,5	NSC-70	NSH-70105	NSB-70	
M76 - M80	110 - 115	193 (1711)	819	NS-110115	189	36	234	3,7	111	234	472	69,0	NSC-110	NSH-110115	NSB-110	
M76 - M90	110 - 130	193 (1711)	819	NS-110130	219	41	234	2,5	111	242	493	71,5	NSC-110	NSH-110130	NSB-110	

¹⁾ Maximum allowable hardness to split is HRC-44. See page 78 for hexagon bolt and nut sizes and related thread diameters.

²⁾ NS-Series Nut Splitters shipped in two cases: One containing the NSC-Cylinder and one containing the NSH-Cutting Head. Assembly required.

³⁾ Both, the NSH-head and the NSC-cylinder include a cutting blade.