

▼ Shown: NS-Series Hydraulic Nut Splitters



- Specially designed to suit standard ANSI B16.5 / BS1560 flanges
- Single-acting (spring return) or 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
- CR-400 coupler and dustcap included on all models.



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

## 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.



### NC-Series, Hydraulic Nut Cutters

The NC-Series models are available featuring an angle-head design for 10 - 75 mm

hexagon nuts.

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### Joint Separation Tools

FS and FSH-Series parallel wedge spreaders provide quick and easy joint separation using hydraulic

or mechanical force.

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### 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.

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# 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 type 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:

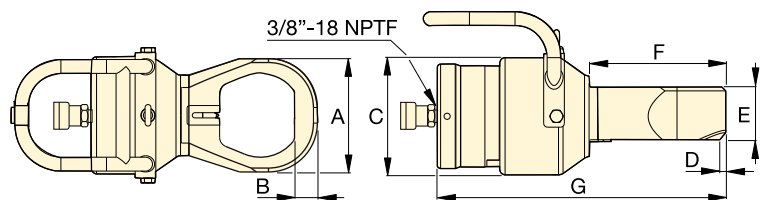
**M45 - M90**

Maximum Operating Pressure:

**700 bar**

Nut Splitter Model Nr.	Tool-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	<b>NS-70105SH</b>	P-392	-	-	GP-10S	GA-2	HC-7206	CM-4
NS-70105	<b>NS-70105SA</b>	-	XA-11G *	-	<sup>2)</sup>	-	HC-7206	CM-4
NS-70105	<b>NS-70105SEE</b>	-	-	PUD-1100E	GP-10S	GA-2	HC-7206	CM-7
NS-110130	<b>NS-110130SH</b>	P-802	-	-	GP-10S	GA-2	HC-7206	CM-4
NS-110130	<b>NS-110130SA</b>	-	XA-11G *	-	<sup>2)</sup>	-	HC-7206	CM-4
NS-110130	<b>NS-110130SEE</b>	-	-	PUD-1100E	GP-10S	GA-2	HC-7206	CM-7

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



### ▼ SELECTION CHART

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

<sup>1)</sup> Maximum allowable hardness to split is HRC-44. See page 76 for hexagon bolt and nut sizes and related thread diameters.

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

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