

AutoSPREADER Flange Spreader



- **Fits & Spreads All Flange Sizes**
- **Hydraulic & Manual Models**
- **10,000 Lbs Force per Spreader**
- **Opens 3" Wide Gap in One Pass**
- **Easy – One Man Operation**
- **Lightweight – Just 12 Lbs**

LEADING PROVIDER OF BOLT LOADING & REMOVAL SOLUTIONS

Products and Prices are subject to updates and changes. Please contact us for current quote.

2013

AutoSPREADER

Superior Safety & Versatility

UNIVERSAL:

- One Size Fits All Flange Sizes

SAFE:

- No Loose Wedges or Parts
- Jaws Open Parallel
- No Drift - It Stays Put
- Can Be Remotely Operated
- Safety Blocks Included

POWERFUL:

- 10,000 Lbs of Force per Spreader

WIDE GAP:

- Opens 3" Wide Gap in a Single Pass
- Ample Space for Working in Gap

SIMPLE OPERATION:

- Easy - One Man Operation
- Lightweight - Just 12 Lbs
- Only 3/32" Needed for Jaw Insertion

VERSATILE:

- Gasket Maintenance
- Turning Blinds
- Separate Manways
- Open Vessels
- Bearing Removal
- Impeller Removal
- Lifting
- Leveling
- Lowering
- Aligning

Manual Model MS10K

Simply place the manual AutoSPREADER jaws between the flange faces and turn the ratchet handle. A force of 100 ft-lbs on the 18" ratchet handle provides 10,000 lbs of spreading force to create up to a 3" wide gap.



Hydraulic Model HS10K

With the hydraulic AutoSPREADER, a five ton hydraulic cylinder provides 10,000 lbs of spreading force. A standard hand pump powers one AutoSPREADER, or multiple units, with ease. As with the manual model, the HS10K provides 10,000 lbs of spreading force per unit, and 20,000 lbs when using a pair. Up to a 3" wide gap can be achieved in a single pass.



Opens a 3" Wide Gap in a Single Pass



Inserts into Narrow Gaps

As little as a 3/32" gap is needed for inserting jaws



Versatile Shop Tool

Lift—Level—Align
Simplify ordinary tasks



AutoSPREADER

Superior Safety & Versatility

Multi-Step Safety Block

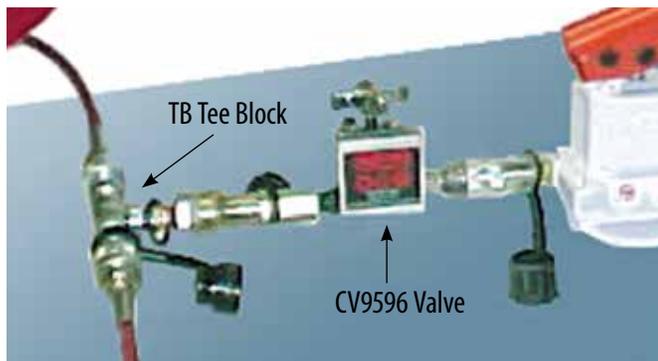
Model S10K-SB Safety Blocks provide a safe and efficient operation when separating a flange. The operator can choose a desired width: 1", 2" or 3". The aluminum block is lightweight, and the handle can be easily gripped, even when wearing gloves.

When safety blocks are inserted into the gap of the flange, the AutoSPREADER is closed and the load is then transferred to the safety blocks, enabling the operator to work safely on the gasket surface.



Hydraulic Power Source

HS10K Hydraulic Flange Spreaders may be used in multiple units connected to a common pump. A load lowering valve controls the rate of travel. The optional isolation valves enable the operator to control each AutoSPREADER independently. All HS10K pumps, hoses and accessories are supplied with quick disconnects, filled and fully tested.



A 100H2 Pump with TB Tee Block, two hoses and CV9596 Load Lowering Valve are recommended for operating two HS10Ks simultaneously.

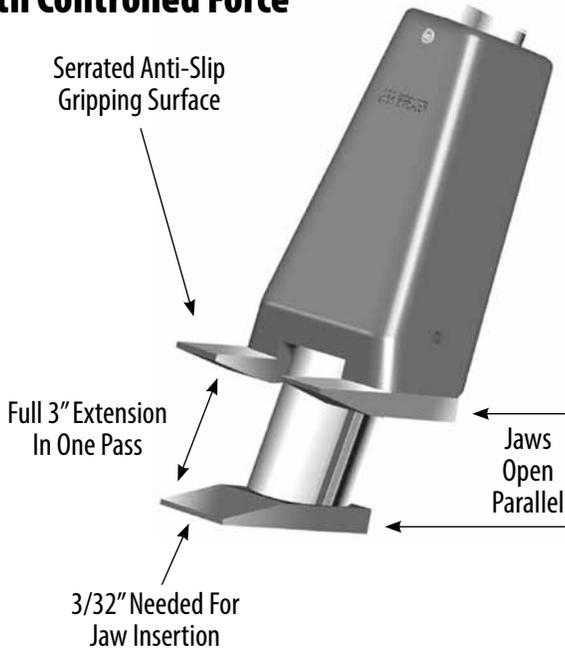


Hand Pump Model 100H2 is recommended to provide hydraulic power to a pair of HS10K AutoSPREADERS.



AutoSPREADER Flange Spreader

**Opens Any Size Flange
with Controlled Force**



Specification	Imperial		Metric	
	HS10K	MS10K	HS10K	MS10K
Weight	12 lbs	13.5 lbs	5.4 kg	6.1 kg
Length	14"	13.25"	355 mm	336 mm
Width of Jaws	4.5"	4.5"	114 mm	114 mm
Width of Body	4.5"	4.5"	114 mm	114 mm
Jaws Closed	0.09"	0.09"	2.3 mm	2.3 mm
Jaws Open	3"	3"	76.2 mm	76.2 mm
Jaw Penetration	1.5"	1.5"	38.1 mm	38.1 mm
Rated Force	10,000 lbs	10,000 lbs	44.5 kn	44.5 kn

FASTORQ® POWER UNITS – For Best Speed & Performance

Model	Requirement	Maximum Pressure	Oil Delivery	Value	Reservoir Capacity	Dimensions & Weight	Included Accessories
100 H2 Manual Single Speed	Hand Powered	10,000 PSI	.16 (cu in/stroke)	Controlled Load Holding & Lowering	55 Cl	28" L 4.75" W 6" H 22 lbs	Pair of 12 ft Hoses, Tee Block & Load Lowering Valve
150H2 or 150F2 Manual Two Speed	Hand OR Foot Powered	10,000 PSI	.65 @ 1,400 PSI .16 @ 10,000 PSI (cu in/stroke)	Controlled Load Holding & Lowering	152	28" L 4.75" W 6" H 32 lbs	Pair of 12 ft Hoses, Tee Block & Load Lowering Valve



Model 100H2 Hand Pump



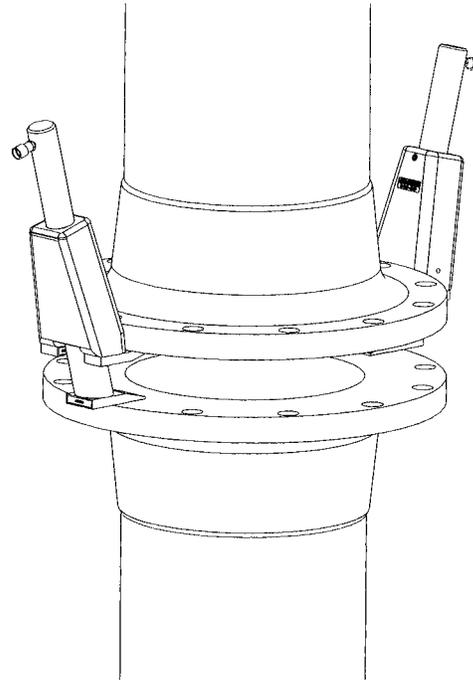
AutoSPREADERS and Safety Blocks are packed in a durable metal toolbox with custom insert



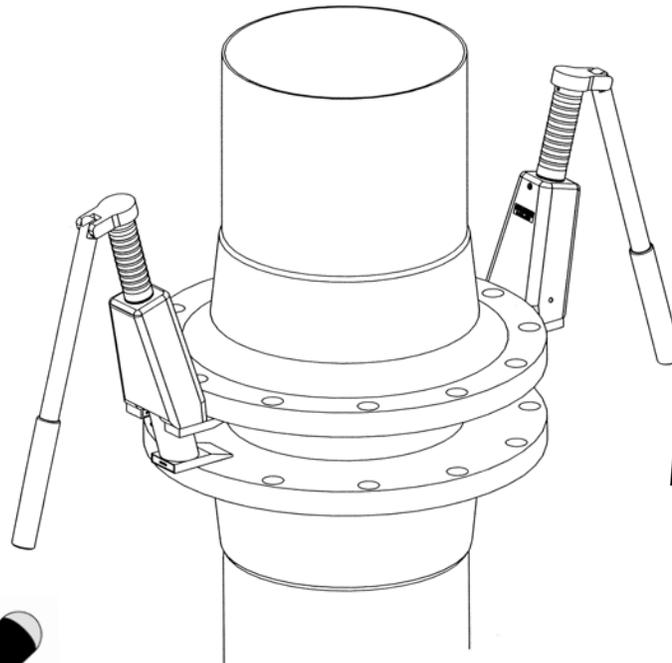
AutoSPREADER

Manual & Hydraulic Flange Spreaders

- **AutoSPREADERs** provide up to 10,000 lbs of spreading force per each unit - Manual OR Hydraulic
- **AutoSPREADERs** are available in DUO sets (pairs) or individually, and are packed in a durable metal toolbox with a custom insert
- Standard 10K PSI hand power units will operate single or multiple hydraulic **AutoSPREADERs** with ease
- Up to a 3" wide gap can be achieved in a single pass, allowing fast and safe inspection and maintenance of flange surfaces and gasket replacement
- A gap of only 3/32" is needed to insert an **AutoSPREADER**



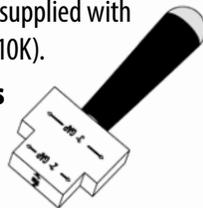
**HS10K
Hydraulic
Model**



**MS10K
Manual
Model**

Each **AutoSPREADER** unit is supplied with a Multi-Step Safety Block (SB-10K).

Duo Sets of **AutoSPREADERs** contain two Safety Blocks.



Multi-Step Safety Block



S10K-SB Safety Block for AutoSPREADER

The S10K-SB Safety Block offers the following features to enhance the safe and efficient operation of the AutoSPREADER Flange Spreader.

MULTI-STEP DESIGN

- Each safety block has three steps: 1", 2", 3"
- This allows the operator to choose the width of flange separation.

EASY GRIP HANDLE

- The handle allows the operator to easily grip the safety block, even when wearing gloves.

LIGHT WEIGHT

- The aluminum block is light weight and easy to handle.

SECURE SUPPORT

- After the AutoSPREADER opens the flange, the S10K-SB Safety Blocks are inserted in the gap between the flanges. The flange spreaders are then closed to transfer the load to the safety blocks, enabling the operator to work more safely on the gasket surfaces.

