

POWER SPREADER

SPIE BES



Spreads Parallel

$\mathbf{POWER} ext{-}\mathbf{SPREADER}^{ ext{ iny }}$

Flange Spreader

Open Any Size Flange With Controlled Force!







All flange spreaders are conveniently packed in a custom tool box.

Hydraulic or Manual "One Size Fits All"

Specification	Imperial	Metric	
Weight	HS10K 12 lbs. MS10K 13.5 lbs.	5.4 kg 6.1 kg	
Length	HS10K 14" MS10K 13.25"	35.6 cm 33.6 cm	
Width of Feet	4.5"	114 mm	
Width of Body	4.5"	114 mm	
Tips Closed	0.09"	2.3 mm	
Tips Open	3"	76.2 mm	
Tip Penetration	1.5"	38.1 mm	
Rated Force	10,000 lbs.	4,535 kg	

TITAN®Power Units - For Best Speed And Performance.



Model	Requiremen	Max. t Pressure (psi)	Oil Delivery	Valve	Reservoin Capacity (CI)	Dimensions	Accessories
*100H2 Manual Single Speed	Hand Powered	10,000	.16 (cu.in./stroke)	Controled Load Holding & Lowering	55	28.0 length 4.75 width 6 ht. 22 lbs.	Includes a pair of 12 ft. hydraulic hoses, tee block & load lowering valve
*150H2 or 150F2 Manual Two Speed	Hand Powered or Foot Powered	10,000	.65 @ 1400 psi .16 @ 10000 psi (cu.in./stroke)	Controled Load Holding & Lowering	152	28.0 length 4.75 width 8 ht. 32.0 lbs.	Includes a pair of 12 ft. hydraulic hoses, tee block & load lowering valve

Optional Air or Electric Driven Power Units Available Upon Request.

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E-MAIL

WEB ADDRESS

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^{*}Includes hoses & accessories to operate 2 Power-Spreaders™ simultaneously. Additional accessories available separately.



With **POWER-SPR**Open, Spread, Lift and Level Eas

MS10K: Place the Manual Power-Spreader[™] tips between the flange faces and turn the ratchet handle. The ratcheting action is transformed into 10,000 lbs. of spreading force and up to 3" of gap.



HS10K: With the Hydraulic Power-Spreader[™], a hydraulic cylinder replaces the ratchet handle. Power 1 or multiple Power-Spreaders[™] easily using a standard hand pump. A pair of Power - Spreaders[™] supply 20,000 lbs. of spreading force and 3" of travel; ample for gasket replacement or turning of blinds. Use a TITAN® power unit for best speed and performance.



• Universal: One Size Fits All

Safe: No Loose Wedges or Parts
 Jaws Open Parallel
 No Drift - It Stays Put!
 Can Be Remotely Operated

• Light Weight: Just 12 lbs

One Person Operation

• 3" Travel In A Single Pass

• Uses: Gasket Maintenance

Turning Blinds
Separate Manways
Opening Vessels
Bearing Removal
Impeller Removal
Lifting
Leveling
Aligning

· Industries:

Pipeline Construction
Piping Maintenance
Power Generation Plants
Drill Rigs
Petro/Chem Facilities
Subsea - Diver/ROV Friendly
Offshore Platforms
Ship Yards
Industrial Facilities
Storage Facilities
Mining
Manufacturing
Agriculture

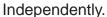
EADERTM You CAN sily, Quickly, Quietly and Safely!





A 100H2 Hand Pump Operating a Pair Of HS10K's.

HS10K Hydraulic Flange Spreaders May Be Used In Multiple Units Connected To a Common Hand Pump. A Load Lowering Value As Shown Controls The Rate Of Travel. The Optional Isolation Valves Enable The Operator To Control Each Power-Spreader





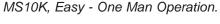
HS10K with HSCV Isolation Valve.



100 ft-lbs of force on the MS10K's 18" Ratchet Handle Provides 10,000# Of Spreading, Lifting and Leveling Force.



Load Lowering Valve #CV9596 and Tee For Operating Multiple HS10K's.







The Power-Spreader gives the operator up to 3" of travel in one operation!



Spreader Thats Right For You.