



FLS HYDRAULIC FLANGE SPREADER



**Basic FLS15 Unit With
Serrated Shoes**

FEATURES AND BENEFITS:

- 15 Metric Ton Wedge-Driven Spreader
- Jaws Fully Supported by Wedge for Excellent Durability
- Low Friction Provided by Heavy-Duty Extended-Life Lubricant
- Ideal for Flanges With Narrow Gaps - Only 5 mm Required for Entry
- Very High Strength due to Special Alloy Used
- Compact and Lightweight Design - Only 252 mm Long at a Weight of 3.2 kg
- Easy to use - Ergonomically Balanced Handle and Gripping Tape
- Suitable for the Offshore Environment due to Superior Corrosion Resistance
- Quick Adjustments for Various Tasks due to Interchangeable Shoes (Both Stepped and Serrated)
- Easy and Quick Maintenance - No Special Tools Required
- Includes female half coupler - mates to standard 9798 male half coupler.

Max. Spreading Force	Order no.	Tip Clearance	Max. Spread	Type	Oil Capacity	Weight	Operating Pressure
15 ton	FLS15 FLS15-ST	5 mm	10 mm pro Hub	Hydraulic	16 cm ³	3,2 kg	max. 700 bar
<div> <div> <p>Wedge opened</p> <p>FLS15</p> </div> <div> <p>Wedge closed</p> <p>FLS15</p> </div> <div> <p>Wedge opened</p> <p>FLS15-ST</p> </div> <div> <p>Wedge closed</p> <p>FLS15-ST</p> </div> </div>							



OFFSHORE FLANGE SPREADER KIT*		part number FLS15-FBK	part number FLS15-FBK-ST	part number FLS15-MBK	part number FLS15-MBK-ST
FLS15	SPREADER, HYDRAULIC SERRATED	2	-	1	-
FLS15-ST	SPREADER, HYDRAULIC STEPPED	-	2	-	1
SB15	ALUMINIUM HOLDING BLOCK	2	2	1	1
P19L	LIGHTWEIGHT HAND PUMP WITH GAUGE	1	1	-	-
3000827	MANIFOLD, 2 NEEDLE VALVE ASSEMBLY (incl. 2 gauges)	2	2	-	-
9765E (1x) and 9767E (2x)	HOSES	3	3	-	-
2008577	HEAVY DUTY CASE	1	1	-	-
3000832	HEAVY DUTY CASE	-	-	1	1
TOPSIDE FLANGE SPREADER KIT**		part number FLS15-FBK	part number FLS15-MBK	part number FLS15-FBK-ST	part number FLS15-MBK-ST
FLS15	SPREADER, HYDRAULIC SERRATED	2	1	-	-
FLS15-ST	SPREADER, HYDRAULIC STEPPED	-	-	2	1
SB15	ALUMINIUM HOLDING BLOCK	2	3	2	3
P19L	LIGHTWEIGHT HAND PUMP WITH GAUGE	1	1	1	1
MANIFOLD	MANIFOLD, 2 NEEDLE VALVE ASSEMBLY (incl. 2 gauges)	1	-	1	-
9765E (1x) or 9767E (2x)	HOSES	-	1	3	1
2008410	HANDLE FOR SPREADER	2	1	2	1
2008650	STANDARD CASE	1	1	1	1



HYDRAULIC SPREADER FLS15

This hydraulic spreader operates using the integrated wedge concept. It is ideal for creating space for flange surface cleaning and repair, and for gasket replacement. The spreader is single-acting, and requires a hydraulic pump with a three-way valve for actuation. Maximum operating pressure is 700 bar.



FLS HYDRAULIC FLANGE SPREADER

SPREADING FORCE:

Maximum 15 metric tons per tool at 700 bar. It is recommended that the tools be used in pairs, providing a maximum combined force of 30 metric tons.

TYPICAL APPLICATIONS:

- Pipe and flange repair
- Removing elbows
- Couplers - gasket and metal seal Replacement
- Heavy equipment maintenance

“RECOMMENDED COMPONENTS FOR A COMPLETE HYDRAULIC CIRCUIT



Optional handle
Part Number 2008410



Optional Stepped Shoe
Part Number 2008083*

Note: Part number is for one shoe only.
Two shoes required per spreader.
Two stepped shoes shown.



Optional Stepped Block
Part Number SB15 (1 pc)

WE RECOMMEND USE OF THE FOLLOWING POWER TEAM COMPONENTS:



Pump



Coupler



Hose



Gauge



Gauge
Adapter

Description	Part Number
Two Speed, Single-Acting Hand Pump	P19L
Hydraulic Hose Assembly	9764E
Pressure Gauge	9040E
Gauge Adapter	9670
Coupler (male half coupler)	9798

Note: Torque wrench tools use smaller couplers. Do not attempt to use torque wrench hoses with this tool.