

# Hydraulic and Mechanical Wedge Spreaders

▼ FSH-14 and FSM-8 with safety blocks SB-1



- **Integrated wedge concept:** Friction-free, smooth and parallel wedge movement eliminates flange damage and spreading arm failure
- **Unique interlocking wedge design** - no first step bending and risk of slipping out of joint
- **Requires very small access gap of only 6 mm**
- **Stepped spreader arm design** - each step can spread under full load
- **Few moving parts mean durability and low maintenance**
- **Safety block SB-1 and ratchet spanner SW-22 included with FSM-8 mechanical wedge spreader**
- **Safety block SB-1 and Enerpac RC-102 single-acting cylinder included with FSH-14 hydraulic wedge spreader.**

## FSH, FSM, STF Series

Tip Clearance / Maximum Spread <sup>1)</sup>:

**6 mm / 80 mm**

Maximum Spread Force:

**8 - 14 ton**

Maximum Operating Pressure:

**700 bar (FSH-14)**



### Stepped Blocks FSB-1

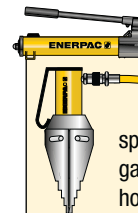
Use stepped blocks to increase wedge opening up to 80 mm. Fits both FSH-14 and FSM-8.



### AM-Series Control Manifolds

For simultaneously and even spreading of flange joints, 180° apart with FSH-14.

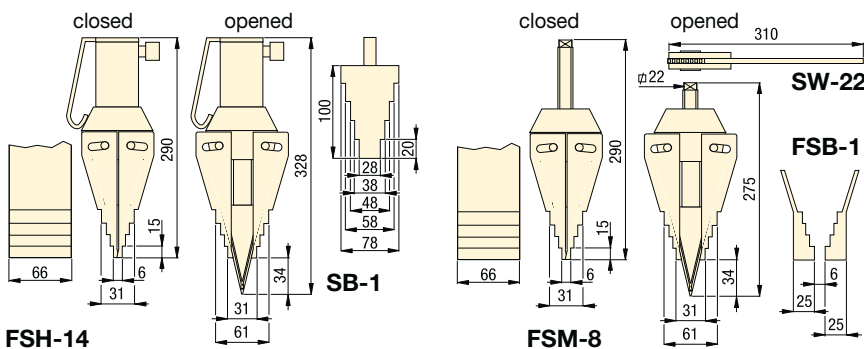
Page: 126



### Tool-Pump Sets

The hydraulic flange spreader is available as set (pump, tool, gauge, gauge adaptor, couplers and hose) for your ordering convenience.

Spreader Model Nr.	Handpump Model Nr.	Set Model Number
FSH-14	P-392	STF-14H



Maximum Spreading Force ton (kN)	Model Number	Tip Clearance (mm)	Maximum Spread <sup>1)</sup> (mm)	Spreader Type	Oil Capacity (cm <sup>3</sup> )	Weight (kg)
14 (125)	FSH-14*	6	80	Hydraulic	78	7,1
8 (72)	FSM-8	6	80	Mechanical	-	6,5

<sup>1)</sup> Using stepped blocks FSB-1

\* Available as pump-tool set, see note on this page.

▼ Flange maintenance and joint separation with FSH-14 Hydraulic Wedge Spreader.

