



FLANGE TOOL INNOVATION

## PRODUCT DATA SHEET

# FA9TE

HYDRAULIC LINEAR AND  
ROTATIONAL FLANGE  
ALIGNMENT TOOL

ALIGNING FORCE:

10,000psi (700bar) 9T (90kN)

TOOL WEIGHT:

14.5kg (32.0lb)

### KIT COMPONENTS

- 1 x FA9TE Tool including Hydraulic Cylinder
- 1 x 10,000 psi (700 bar) Hydraulic Hose, 2m (78.75")
- 1 x 10,000 psi (700 bar) HP350S Sealed Hand Pump with Gauge
- 1 x Instruction Manual
- 1 x Carry-Case
- 1 x Ratchet & Strap

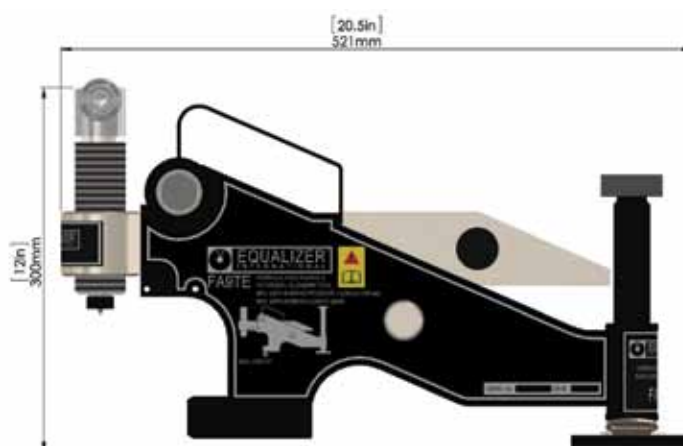
Product Code: FA9TESTD



### WEIGHTS AND DIMENSIONS

Carry-Case Dimensions  
920 x 520 x 210mm  
(36.2" x 20.5" x 8.3")

|                  |                   |
|------------------|-------------------|
| Tool             | = 14.5kg (32.0lb) |
| HP350S Hand Pump | = 4.5kg (9.9lb)   |
| Hydraulic Hose   | = 1.0kg (2.2lb)   |
| Carry-Case       | = 11.0kg (24.3lb) |
| GROSS KIT WEIGHT | = 26.5kg (58.5lb) |



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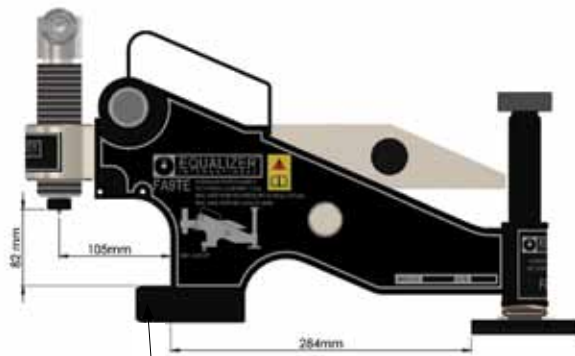
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FLANGE ALIGNMENT TOOL



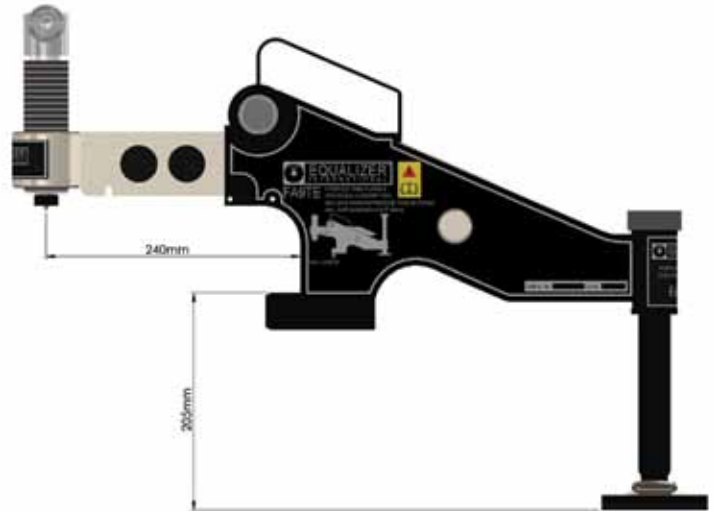
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Minimum Extension



Minimum applicable bolt hole diameter 35.5mm (1.40")

Maximum Extension



## RANGE OF APPLICATION

| ASME  | ½"    | ¾"    | 1"    | 1 ¼"  | 1 ½"  | 2"    | 2 ½"  | 3"    | 3 ½"  | 4"    | 5"    | 6"    | 8"    | 10"   | 12"   | 14"   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 150#  |       |       |       |       |       | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM |
| 300#  |       |       |       |       | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM |
| 400#  |       |       |       |       |       | FA1TM | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE |
| 600#  |       |       |       |       | FA1TM | FA1TM | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE |
| 900#  | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM |       | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE | FA9TE |
| 1500# | FA1TM | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM |       |       | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |
| 2500# | FA1TM | FA1TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE |       | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |       |

| ASME  | 16"   | 18"   | 20"   | 24"   | 26"   | 28"   | 30"   | 32"   | 34"   | 36"   | 38"   | 40"   | 42"   | 44"   | 46"   | 48"   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 150#  | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |
| 300#  | FA9TE | FA9TE | FA9TE | FA9TE | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |
| 400#  | FA9TE | FA9TE | FA9TE | FA9TE | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |
| 600#  | FA9TE | FA9TE | FA9TE | FA9TE | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA4TM | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |
| 900#  | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE | FA9TE |       |       |       |       |       |       |       |       |       |
| 1500# | FA9TE | FA9TE | FA9TE |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2500# |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |

For other flange types, please contact Equalizer International.