

AT9K

Hydraulic flange alignment tool for medium and large flanges

The AT9K is a hydraulic flange alignment tool designed for medium and large flanges. It produces a maximum reaction alignment force of 90 kN when 10,000 psi (700 bar) is applied to the tool, and is used to correct:

- **Linear misalignment** – when the axis of the two flanges are not aligned
- **Rotational misalignment** – when the axes are aligned but the bolt holes are not



90 kN

MAX. ALIGNMENT FORCE

10,000 psi / 700 bar

MAX. WORKING PRESSURE

85 mm

MAX. MISALIGNMENT

14.5 kg

TOOL WEIGHT

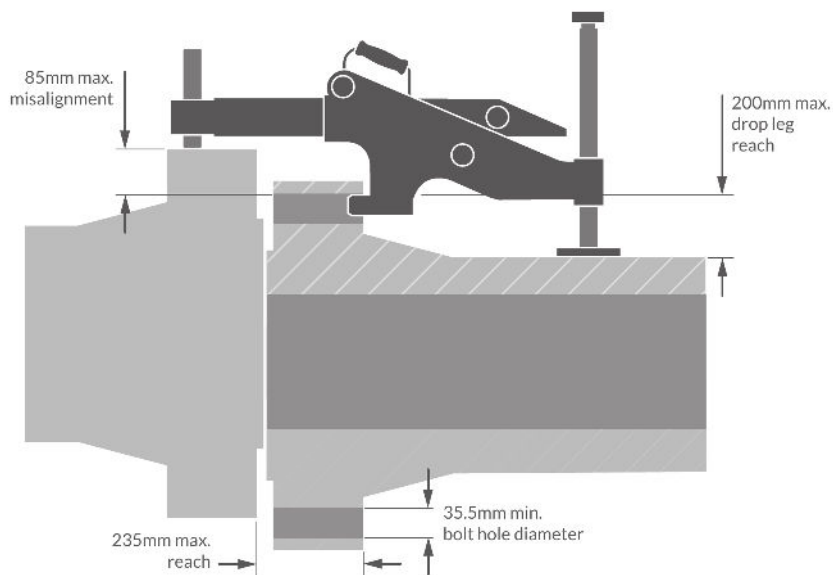
FEATURES

- **No external anchor points** or rigging required
- **Prevents misalignment** during flange joint maintenance
- **Bearings rated** to provide overload warning
- **100% load/pressure** tested and certified
- **Prevents gasket pinching** during flange joint assembly
- **High durability**, high quality, low maintenance design
- **Supplied with pressure-rated**, capacity-matched pump for safety
- **Ratchet strap anchor point** to secure tool to flange joint
- **Hook pin diameter 35.2 mm** to suit a large application range
- **Robust moulded case** for transportation and storage

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APPLICATION RANGE



KIT CONTENT

- 1 × AT9 tool
- 1 × 10,000 psi (700 bar) hydraulic sealed hand pump
- 1 × 10,000 psi (700 bar) hydraulic hose, 2.1 m long
- 1 × 10,000 psi (700 bar) hydraulic gauge
- 1 × Ratchet and strap
- 1 × Instruction manual
- 1 × Robust moulded carry case

KIT & TOOL DATA

Product ordering code	AT9K
Kit weight	26 kg (57.3 lbs)
Kit dimensions	920 × 510 × 210 mm (36.2" × 20.1" × 8.3")
Tool weight	14.5 kg (32.0 lbs)
Tool dimensions	100 × 230 × 540 mm (3.9" × 9.1" × 21.3")
Max. reach / drop leg reach	235 mm / 200 mm
Min. bolt hole diameter	35.5 mm



Complete kit in moulded carry case