

ACU-DYNE™ - All of the power, in your hands

Hand pumps are the ideal choice for tensioning systems requiring a relatively low oil displacement, or where a smaller number of tensioners are specified. ACUTENSION is pleased to offer **ACU-DYNE™** – the most reliable hand pump option available on today's market.

Offering 70, 100, 150 MPa (1.0, 2.4 litre) and 250 MPa (2.4-litre tank) variants from stock, and >300 MPa consoles upon request, ACUTENSION can assure the apposite choice is available to customers across a range of sectors; no matter your working pressure.

And just like its **ACU-HERO™** counterparts, **ACU-DYNE™** customers are assured of unparalleled ergonomics, safety and performance; time after time.



ACU-DYNE™ guarantees accuracy thanks to its two-stage hydraulics, and a precise, durable, highly-accurate 110mm gauge. A hydraulic pressure relief valve on its dual pressure outlets ensures that plant and personnel are protected from over-pressurisation, whilst its long beam handle and easy-glide piston mechanism removes the effort normally associated with the controlled tightening or loosening of even the stubbornest of bolted joints.

ACU-DYNE™ also features cast steel feet complete with mounting holes, should you wish to mount the pump permanently in-situ.

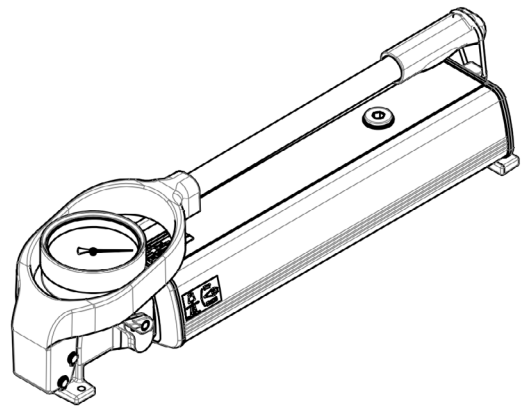
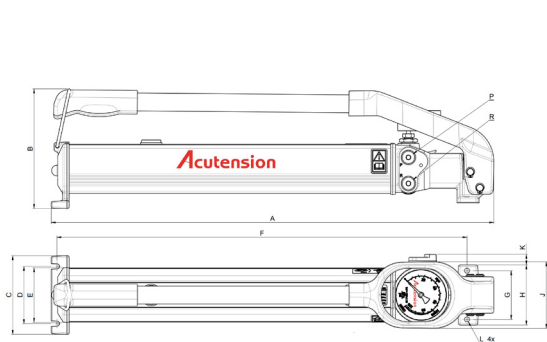
- Low-effort, easy-glide piston mechanism
- Two-stage flow for accelerated tensioning
- Low maintenance, rugged aluminium tank
- Highly accurate 110mm gauge, available in:
 - MPa
 - bar
 - psi
 - customisable units and load output*
- To suit ISO10, ISO32 hydraulic oil
- Powder-coated long-beam steel handle; stowable for ease of storage
- Steel mounting feet for permanent installation
- Fitted as standard with CEJN single quick connect (various one or two port options available)

**available on request*





Part Number	Maximum working pressure (MPa)	Tank volume (cm ³)	Low stage stroke rate (cm ³)	High stage stroke rate (cm ³)	Handle effort at MWP (N)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	L dia. (mm)	Mass (kg)
A070-ACU-DYNE-1L	70	1000	20	1	230	620	170	110	80	75.3	575	68	84	134	6.6	8.7
A100-ACU-DYNE-1L	100	1000	20	1	230	620	170	110	80	75.3	575	68	84	134	6.6	8.7
A150-ACU-DYNE-1L	150	1000	20	1	370	620	170	110	80	75.3	575	68	84	134	6.6	8.7
A150-ACU-DYNE-2L	150	2400	20	1	370	620	170	110	80	127	575	68	84	134	6.6	10.5
A250-ACU-DYNE-2L	250	24000	20	0.7	460	620	170	110	80	127	575	68	84	134	6.6	10.5



Compatible with all of our tensioner offerings, **ACU-DYNE™** is the preferred choice of operators looking for a compact, remote and easy to use power console, that stands-up to the heavy industrial environments it has been engineered to withstand.

ACU-DYNE™ – handling the pressure, delivering the perfect result; time after time.

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