



Upset Testers



Vale sets the standards for quick, accurate testing that stops scrap fast.

Quick Results

Vale cycle times of less than 4 seconds to shear and 5 seconds to upset gives you the fastest quality control answers possible. This typical sample was sheared square and to a length 1.3 times the diameter. It was then upset to 40% of its original length for visual inspection. (Vale upset testers are also available for D.I.N. standard tests.) For greater quality control flexibility, you can vary the upset parameters with convenient hand knob adjustments.

Accurate, economical operation.

Accuracy is assured by precise controls that govern the length of the sheared samples and the amount of upset.



Tooling is light-weight and of unitized design for easy and fast change. Anvils are reversible, need for fewer resharpenings. Vale's foolproof system for aligning dies eliminates improper operation.

Famous Vale reliability

For longer component life, all Vale Upset Testers are rated to 5,000 PSI, yet operate at only 4,500 PSI.

Upper and lower upset plattens are made of hardened tool steel to ensure quality samples and long life. Both plattens are identical and interchangeable by means of locking collars.

MODEL	CAPACITY DIA.	SHEAR STRENGTH PSI @	HEIGHT	WIDTH	DEPTH	WEIGHT APPROX.	RAM SPEED	POWER	STARTER
VU1-D1528	1.00"	60,000	71"	48"	30"	1,800lbs.	45"/min	7.5 HP	Comb Magnetic
VU2-D1530	1.50"	60,000	75"	52"	40"	5,000lbs.	90"/min	40 HP	Comb Magnetic
VU3-D1531	2.00"	60,000	93"	72"	66"	10,500lbs.	50"/min	80 HP	Comb Magnetic
VU4-D1691	2.50"	60,000	100"	96"	96"	15,000lbs.	50"/min	120 HP	Comb Magnetic
VU5-D1673	3.00"	60,000	104"	117"	113"	25,000lbs.	50"/min	200 HP	Comb Magnetic
VU6-D1692	3.50"	60,000	110"	125"	132"	32,000lbs.	50"/min	250 HP	Comb Magnetic

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