

DAS335-3 Drill Alignment Systems

Fast Accurate Alignment - Now with, or without, pilot holes

The DAS335-3 Drill Alignment System has been developed to allow a single operator to accurately locate, drill and counterbore a close to edge hole precisely aligned with a target obscured by overlying materials in a single shot operation.

A target transmitter may be placed either in an existing pilot hole in the substructure or permanently fitted to removable, or fixed, jigs. Uniquely, the DAS335-3 Drill Alignment System can have multiple targets located close together, substantially increasing drilling efficiencies. This means that it is possible to remove the need for pilot holes in the substructure, eliminating a time consuming process and eradicate costly drilling concessions.

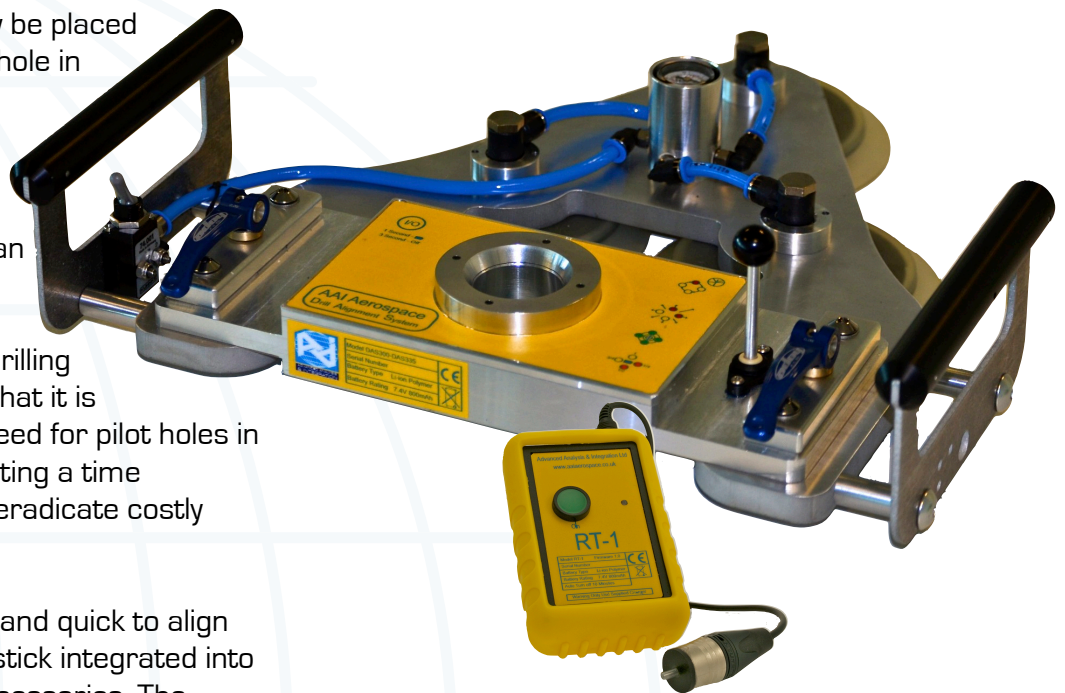
The DAS335-3 is simple and quick to align using the mechanical joystick integrated into the vacuum mounting accessories. The system indicates when alignment is achieved, removing all operator subjectivity from the drill alignment process.

The DAS335-3 is used with an industry standard automatic drill with a 35mm concentric collect drill. (other sizes are available)

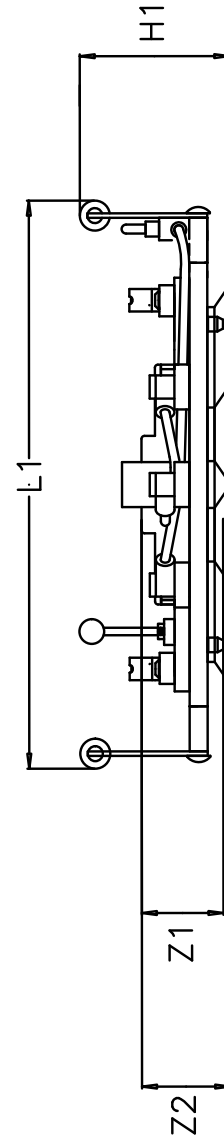
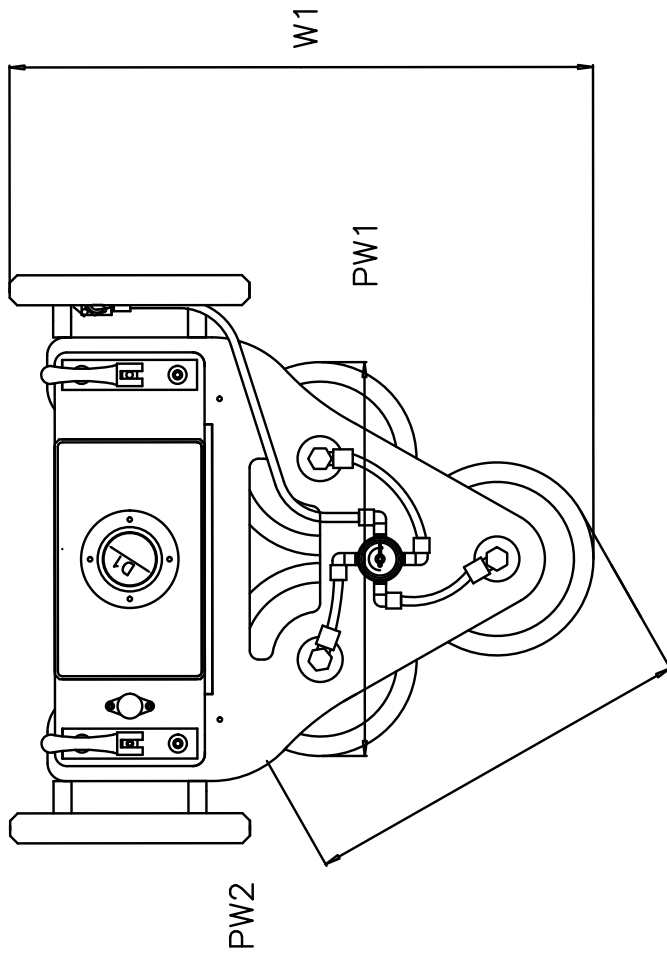
A variety of mechanical and vacuum attachment accessories are available, as well as compact portable vacuum pumps.

The DAS335-3 is self contained, rugged and, when coupled with a 12-month calibration period, provides a low through-life cost of ownership.

The DAS335-3 system is supplied with an alignment target, single channel target controller, charger unit and a ruggedised storage case.



Resolution	1µm
Accuracy	±100µm
Standard Working Depth Special System	0 - 300mm Over 1000mm
Weight	4kg
Overhang Distance	60mm
Endurance	8 hrs continuous
Recharge Time	2 hrs



MAIN DIMENSIONS (in Millimetres +/-0.5 unless otherwise stated)	
L1 (OVERALL BODY LENGTH)	379
W1 (OVERALL BODYWIDTH)	389.4
Z1 (DEPTH VACUUM ON)	54.5
Z2 (VACUUM OFF)	58.9
H1 (VACUUM OFF)	99.8
D1 (DRILL GUIDE)	35 h7+0.0025/-0.000
P1 (SUCTION PAD DIA)	126
PW1 (WIDTH BETWEEN FEET)	262.8
PW2 (WIDTH BETWEEN FEET)	264.5

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THIRD ANGLE PROJECTION	TITLE	OVERALL DIMENSIONS OF DRILL GUIDE
SHEET 1 OF 1	DWG NO	AAI-062-07-02-4000L
	DRAWN	JP
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	APPROVED	