

DAS300 Drill Alignment Systems

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

The DAS300 Drill Alignment Systems have been developed to allow a single operator to accurately locate and drill a hole precisely aligned with a target obscured by overlying materials.

The target transmitter may be placed either in an existing pilot hole in the substructure or permanently fitted to removable, or fixed, jigs. Uniquely, the DAS300 Drill Alignment Systems 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 DAS300 is simple and quick to align, either by hand or by using the mechanical joystick integrated into the vacuum mounting accessories. The system indicates when alignment is achieved, removing all operator subjectivity from the drilling process.

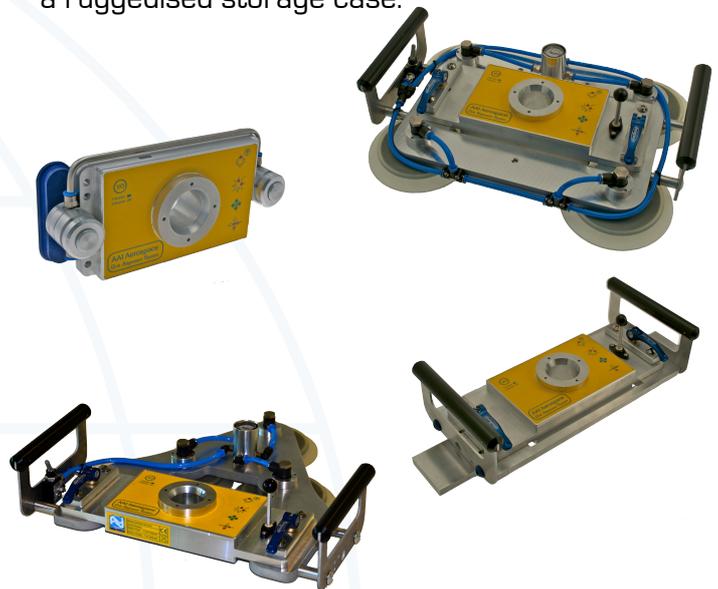
The DAS is available in two types: spot drilling utilising industry standard drilling guides and single shot drilling using a 35mm concentric collect drill.

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



The DAS300 is self contained, rugged and, when coupled with a 12-month calibration period, provides a low through-life cost of ownership.

As standard the DAS300 systems are supplied with an alignment target, a single channel target controller, a charger unit and a ruggedised storage case.



Basic Specification

Accuracy	±100µm
Standard Working Depth	0 - 300mm
Special systems	Over 1000mm
Weight	1.2-4kg depending on accessories
Endurance	8 hrs continuous
Recharge Time	2 hrs