



COVERMETER SURVEYS

Could Steel Reinforcement Be Affecting Your Wire-Guided MHE?



A typical VNA Installation



The FACE Covermeter

Why You Need A Covermeter Survey:

MHE wire-guidance systems can be affected by the reinforcement in a concrete floor particularly where the steel is too close to the surface. Result, the MHE can come “off wire” and collide with the racking. Disaster! If problems are being experienced with wire-guided MHE and floor-flatness is not an issue, it is possible that the steel floor reinforcement is to blame. It is generally accepted that less than 50mm of concrete cover over the reinforcement is likely to cause problems with a wire-guidance system. With an existing system, a [FACE Consultants](#) Covermeter Survey can establish whether or not this is the case; alternatively, it will highlight potential reinforcement related problems, prior to the installation of a new VNA wire-guidance system.

FC.04.9999 Covermeter Survey - Universal Exports				
Distance	Aisle 1	Aisle 2	Aisle 3	Aisle 4
	Depth(mm)	Depth(mm)	Depth(mm)	Depth(mm)
0m	72	72	35	49
1m	68	71	70	57
2m	69	33	65	31
3m	46	59	67	MANHOLE
4m	51	57	49	47
5m	61	70	59	58
6m	58	71	51	55
7m	21	71	54	47
8m	70	70	54	29
9m	71	70	55	74
10m	70	71	28	52

What The Covermeter Tells You:

The [FACE Consultants](#) Covermeter Survey is useful in two situations:

1. In an existing wire-guided MHE system where there are problems with MHE coming “off wire” and floor flatness is not an issue, it is possible that steel reinforcement close to the surface of the floor is the cause of the problem.
2. When planning to install a VNA system in a new or existing warehouse, the reinforcement details of the floor slab are not always known. It is therefore important to ensure, before deciding to procure costly wire-guided MHE equipment, that the reinforcement in the existing floor is not at a depth that will interfere with the required wire-guidance system.

In both situations a [FACE Consultants](#) Covermeter Survey gives an accurate indication of the depth of steel reinforcement within the floor and clearly indicates in the Survey Results (example above) precisely where each potential guidance problem may occur.

**Experiencing problems with your existing wire-guided system?
Let FACE Consultants find out whether hidden reinforcement is the cause.**

**Converting to wire-guided VNA?
Protect your investment with a FACE Covermeter Survey.**