



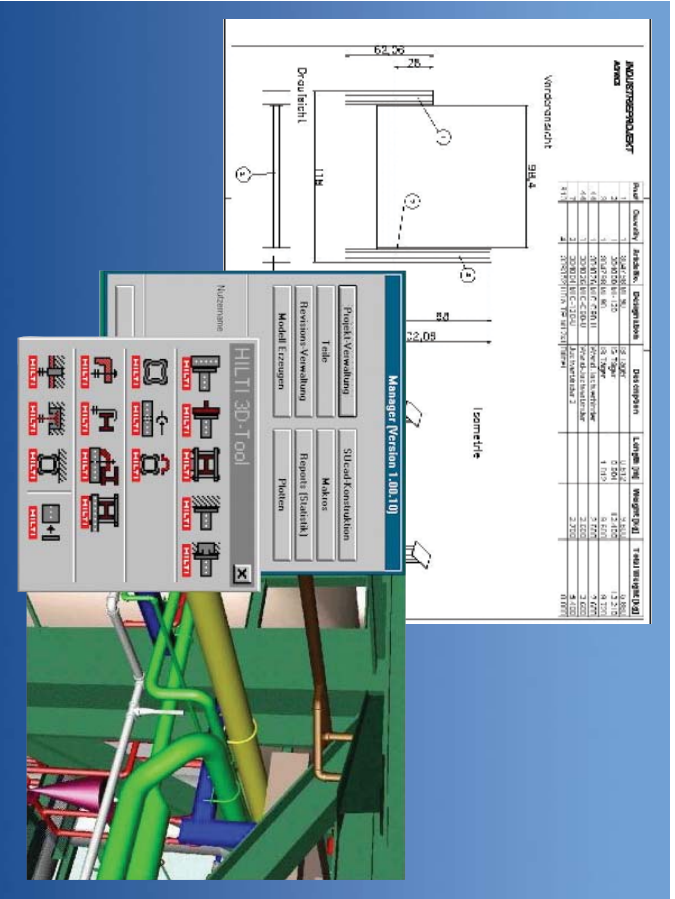
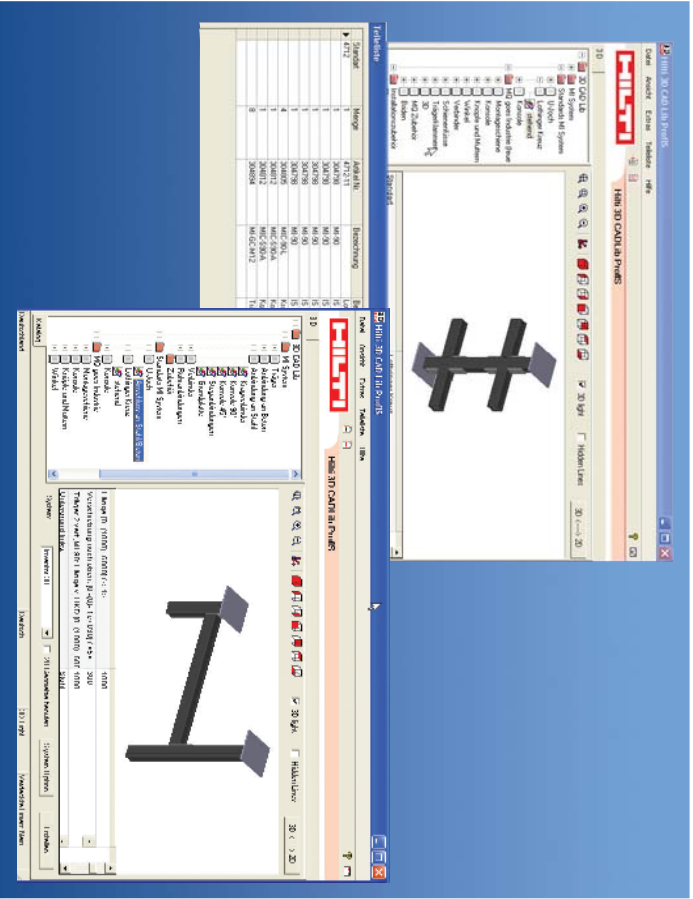
Modular, reliable and no welding.



## Hilti MI industrial pipe support system

Simple, adaptable, strong

Higher efficiency – with Hilti design software.



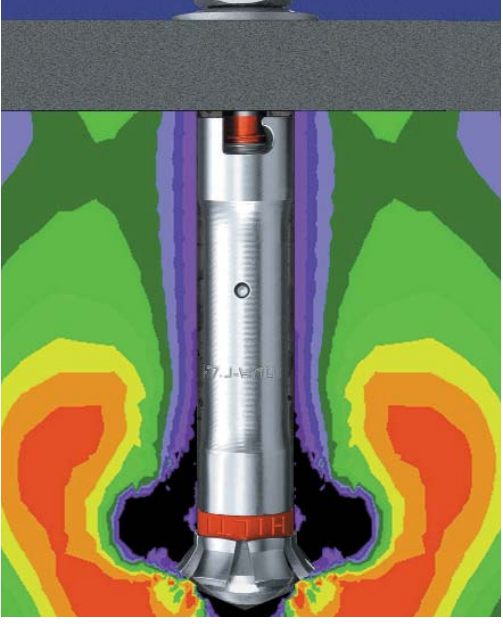
Long before the structures are installed, the professional industry-standard 3D software from Hilti gives you complete freedom to design pipe supports based on the MI System, thus reducing planning time and keeping costs to a minimum.

### Hilti PROFIS installation

- Hilti PROFIS 3D CAD/IB for 3D modeling of pipe support systems. The designs from the Hilti MI and MQ product portfolio can be exported to most popular CAD programs.
- Parts lists are generated automatically, thus simplifying the ordering of components and the preparation of documentation.
- Compatible with all major planning software.

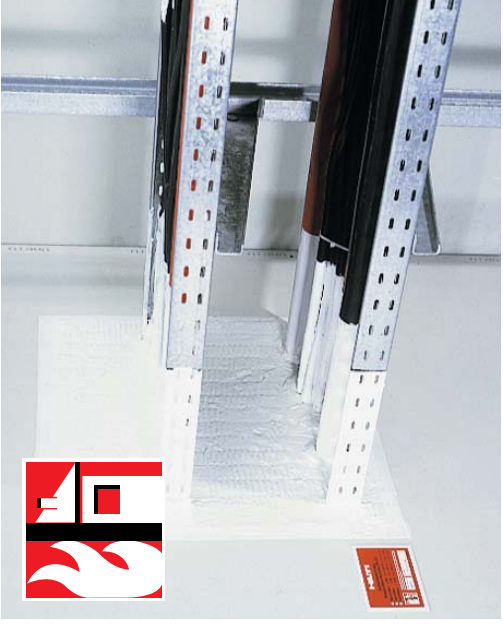
### Hilti PDS Pipe Support

- PDS software for 3D modeling and management of pipe support systems based on the components of the Hilti MI and MQ product portfolio.
- The design drawings required for installation of the supports can be created from the 3D models with a single click of the mouse. These include several 2D views and show locations on a situation plan.
- Parts lists are generated automatically, thus simplifying the ordering of components.



Anchor systems

Hilti anchor systems are approved worldwide for a huge number of fastening applications. Chemical and mechanical anchors provide the ideal solutions for use with Hilti installation systems products.



Firestop systems

Hilti provides firestop solutions for openings and penetrations of virtually all kinds where there is a risk of smoke permeation in the event of fire. All of our firestop systems have been tested, inspected and approved in accordance with stringent international standards.



Measuring systems

Hilti measuring systems make measuring, leveling and vertical alignment easier, quicker and more accurate.

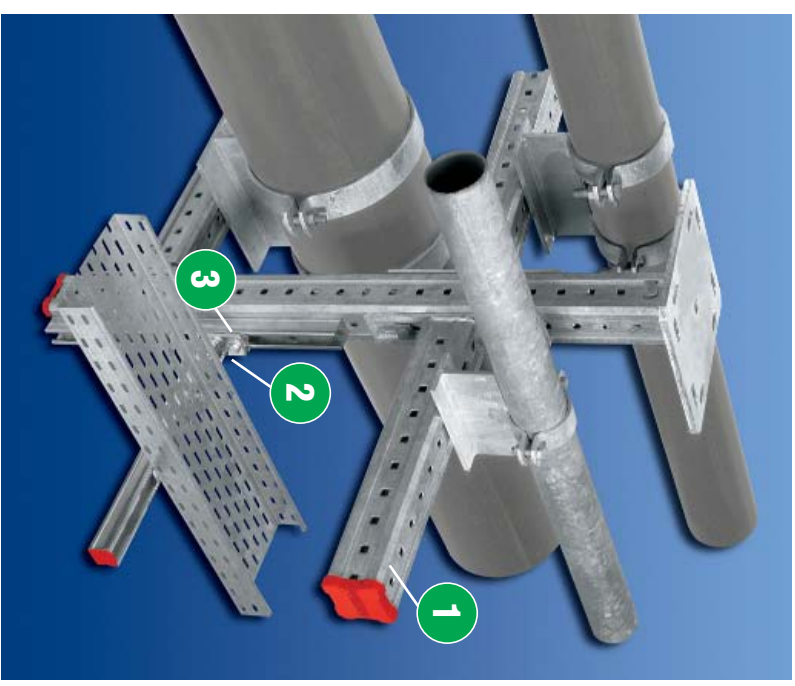


Powder-actuated fastening

Hilti's powder-actuated tools safely drive nails or threaded studs into steel, concrete or masonry. The heat generated during penetration causes a sintering effect and thus an exceptionally strong bond between the nail or stud and the material into which it is driven – for an extremely secure hold. The new X-BT stud for use on steel beams has been specially designed to prevent damage to the corrosion protection layer.

Hilti simply makes the difference.

Cover all load ranges with Hilti MI and MQ!



### 1 MI System

The modular pipe support system for medium and heavy loads that requires no welding. The Hilti MI System is the easy-to-install, absolutely reliable solution for pipes of up to 600 mm in diameter. It has been specially designed to take up loads acting horizontally on the support system (torsional forces).

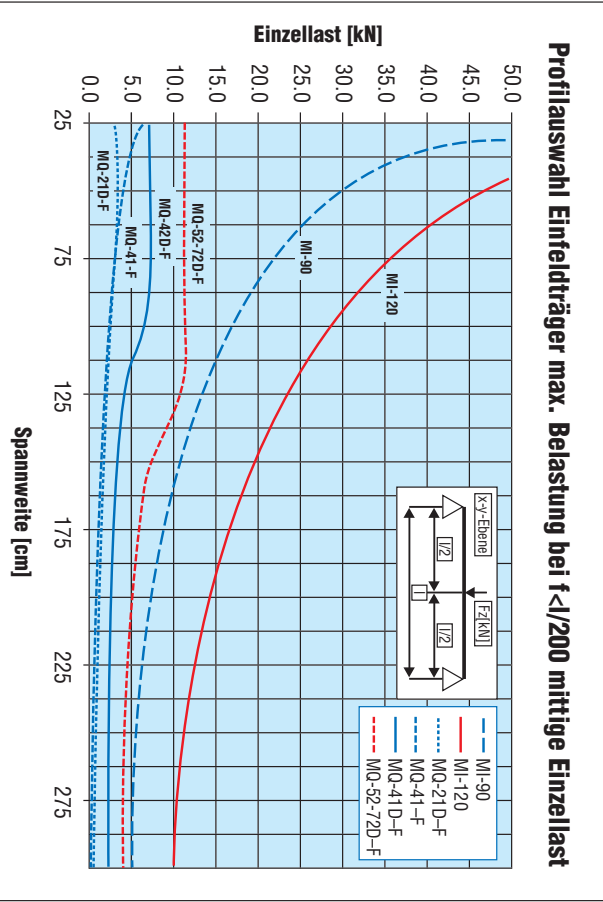
### 2 MQ System

The well-proven Hilti MQ System for lighter loads provides a versatile extension to the MI System. Ideal for supporting and securing pipes and cable trays.

### 3 The right connection

Provides the strength of welded structures, but with much higher efficiency. A patented crimp-in depression in the MI framing sections ensures a secure connection between parts of the two modular systems. Forces are taken up optimally and assembly is simplified by the exact fit of the framing sections and channels.

	MI-90	MI-120
MQ		
	DN 100	DN 300
	DN 200	DN 400
	DN 500	DN 600





# MI pipe support system



MI girder		MI connectors					MI connection to steel beams														
MI-90 3m MI-90 6m	304798 304799	MI-120 3m MI-120 6m	304800 304801	MIC-90-U MIC-120-U MIC-90-L	304803 304804 304805	MIC-T MIC-U-MA	304807 304806	MIC-S90-AA	304811	MIC-S90-A MIC-S90-B MIC-S90-C	304812 304813 304814	MIC-S90-A-[L] MIC-S90-B-[L] MIC-S90-C-[L]	Welded bracket Welded bracket Welded bracket	Item no. see catalogue	MIC-S120-A MIC-S120-B MIC-S120-C	304818 304819 304820	MIC-S120-A-[L] MIC-S120-B-[L] MIC-S120-C-[L]	Welded bracket Welded bracket Welded bracket	Item no. see catalogue	MIC-SA-MA MIC-SB-MA MIC-SC-MA	304815 304816 304817
MI connection to concrete					MI framing section extension					MI connectors base plates for steel/concrete					MI basic connector for welding						
MIC-C90-AA MIC-C90-U	304825 304826	MIC-CU-MA	304828	MIC-C90-D MIC-C90-D-[L]	304827 Welded bracket Item no. see catalogue	MIC-C120-D MIC-C120-D-[L]	304829 Welded bracket Item no. see catalogue	MIC-90-E MIC-120-E	304809 304810	MIB-SA MIB-SB MIB-SC	304821 304822 304823	MIB-CD	304830	MIC-SC90 MIC-SC120	304824 304808						
MI pipe clamps for insulated pipes					MI pipe support for insulated pipes										Twin roller support						
Low-friction plate for sliding support MIC-PG	304842	Sliding support MIC-PS90 MIC-PS120	304838 304839	Rigid support MIA-B090-M12 MIA-B0120-M12	304840 304841	Spacer plate MIC-PSP-4 mm MIC-PSP-6 mm	283593 283594	Adaptor plate MIC-PA90 MIC-PA120	304836 304837	Adaptor for weld-on tabs MIC-SPH90 MIC-SPH120	304843 283592	1 pipe ring, 1 rib MI-PS1-1**	**DN25-150	2 pipe rings, 1 rib MI-PS2-1**	**DN25-300	Heavy-duty pipe support MI-PS2-2**	**DN200-600	DN 200-400 MI-DPR	304880		
MI accessories					Pipe clamps for insulated pipes										MQ pipe connector						
MIA-OH-90 MIA-OH-120	304889 304890	MIA-EH-90 MIA-EH-120	304887 304888	"Easy hand" plate MIA-EH-P	304891	Self-locking collar nut M12-F hex. collar nut	283589	Toothed plate MIA-TP	305707	MIC-UB90-M12 MIC-UB120-M12 MIC-UB90-M16 MIC-UB120-M16 MIC-UB90 L400	304831 304833 304834 304835 304832	MI-MQ Cross connector MIC-MI/MQ-X	304881	MI-MQ In-line connector MIC-MI/MQ-M8	304882	MQV-UB-M12	304884				
Standard accessories					MQ pipe connector																
AM10-F1m AM12-F1m AM12-F1m AM16-F1m AM16-F1m	304773 304774 304775 304776 304777	M10x25-F M12x25-F M16x30-F	304788 304789 304790	M10-F M12-F M16-F	304765 304766 304767	A10.5-F A13-F A17-F	304770 304771 304772	GR-G 1/2-F1m GR-G 3/4-F1m	304780 304781	MIC-MI/MQ-M8	304882	U-bolt bracket MQV-UB-M12	304884								
End caps					Example of applications																
MIA-EC-90 MIA-EC-120	304892 304893	Connection to steel beam Flange width < 320 mm	Connection to steel beam Flange width > 320 mm	Flexy pack	Pedestal connector	Cantilever brace	90° Connector MI-MI	Cantilever arms at same height on each side	U-frame	Lorraine cross	Cantilever	U-bolt fastening	Connection to steel beam								

Please refer to the technical documentation for detailed information.