

# Hebetec Engineering AG

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Sagi 1  
Hindelbank  
Switzerland

Phone: +41 (0)34 4117171  
Fax: +41 (0)34 4117170

Hebetec offers comprehensive services in the lifting engineering area being supported by long lasting experience of its employees. Thanks to the large variety of specialists, such as mechanical and civil engineers, hydraulic experts, mechanics and experienced assembly supervisors, the company can revert to an extensive knowhow on most different sectors of the lifting engineering and thus appear as a competent partner.

ACTIVITIES Nuclear Bridges Power plants Buildings Civil

works Offshore Roofs Supports Our expertise Within many years of experience in lifting and handling not only the most imposing structures in the field of civil

engineering but also in the construction and industrial sectors, Hebetec Engineering has taken part in numerous substantial design-and-build projects.

The company has acquired world-renowned expertise and know-how.

EQUIPMENTSynchronized LiftingLiftingSlidingMegaSteel®

Synchronized lifting"HLSL" - Hebetec Synchronized Lifting SystemWith the digital control system of the new Hebetec Synchronized Lifting Systems «HLSL» objects can be moved precise within user defined parameters. «HLSL» the solution for hydraulic applications where critical load distribution requires the synchronisation of the cylinders. «HLSL» Control System allows lifting and positioning of any heavy load.

Heavy liftingStrand jacksThe lifting strand jack consists mainly of a centre hole jack, an upper and lower anchorage and a jack chair. The centre hole jacks are especially fabricated for this purpose. The development results from close co-operation with well known hydraulic component manufacturers. The upper anchorage is attached with an adapter to the centre hole jack and is moving up and down.

Sliding / LaunchingAPS-Module - Skidway - PPUThe modules can be used on any air-tight and sufficiently resistant surface. Normally skidways, especially developed for this purpose are used. Depending on the quality of the subsurface (bearing capacity), the skidway type heavy or light is used. Both types have a guide board.

The board serves guidance and is also used for additional clamping of the PPU.

MegaSteel®Columns and TowersVery tall columns are by their very nature liable to buckle when subjected to vertical compression, and will do so even more quickly if their column load is off-centre due to deviations from straightness, vertical alignment and the effects of horizontal loads (including the effects of the wind on a moving load). Temporary columns must withstand such strains.

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