

LIFTINGS

Lifting and precision levelling of the suspended floors during rebuilding works on the Campione d'Italia Casino. (Campione d'Italia 2003)



Levelling of the central bay of a road bridge with high tonnage cylinders with safety nut, CGG series. (Italy, Pescara 2010)



Lifting of a cylindrical shell used to build a reactor for the oil sector. Cylinders have been operated by a Split Flow power pack.



SYNCHRONIZED LIFTINGS

Synchronous lifting of mine digger's cabin P&H 4100 and P&H 2800 for periodic maintenance on cabin's thrust block and turntable. (Perù, December 2002)



Double effect aluminium telescopic cylinders and Split Flow power pack for the synchronized lifting of military vehicles for the upkeep of tracks.



Synchronous lifting on a viaduct of the Piacenza - Brescia motorway in Italy to replace antivibrating bearings, with traffic being undisturbed. (Italy, Ponte Sarmato 2009)



LOAD TESTS

Resistance and inflexion tests carried out on slabs or beams by using single or double effect EUROPRESS cylinders.



Introduction of "mega piles" for consolidation operation following the foundation collapse of a heavy cemetery building. (Italy 2010)



Strengthening of a motorway viaduct with a test on a 1000 mm diameter cement pile with an induced load of about 700 ton. (Italy, Piacenza 2008)



ALIGNMENT SYSTEMS

Alignment system made up of special CGG series cylinders for the particles detector at the end of the new LHC accelerator ring. (CERN Geneva, activity starting in 2007)



Load tests made on a cut off wall in the bearing structure of a buildings foundations.



Foundations of one of the 30 aeolian 30 MW generators installed in the North Sea and levelled with 6 CGS50N100 working at a depth of 10-15 metres under water.



PULLING

Special CMF series cylinders, mounted on the pulling equipment of diesel engine injectors



RERAILING OF RAILWAY CARRIAGES

Rerailing of railway carriages. This system allows the displacement of derailed carriages back onto the rails by using telescopic double effect EUROPRESS cylinders.



CRIMPING

Some of the special crimping tools projected and manufactured from EUROPRESS.



PRODUCTS

The "Trolley" solution was born from the need to have a modular and integrated system, easy to handle, and designed to be used safely. It is possible to mount on it a cylinder with tonnage according to customer preference starting from 100 ton. It is equipped with thick and large wheels to make sliding easy also for loose surfaces, and with a power pack with remote control to operate the cylinder from a safety distance.

The handle design has been studied to have a perfect balance of the whole tool.



High tonnage cylinders with retractable wheels to make handling easier. They are oil return cylinders, equipped with safety nut, integrated tilt saddle, gauge and pilot check valve to operate safely.

