



**SPMT MODULAR JACKING  
SYSTEM**

**THE WORLD... OUR PASSION  
SINCE 1955**

**TECHNICAL BROCHURE**

# SPMT MODULAR JACKING SYSTEM



## THE SYSTEM

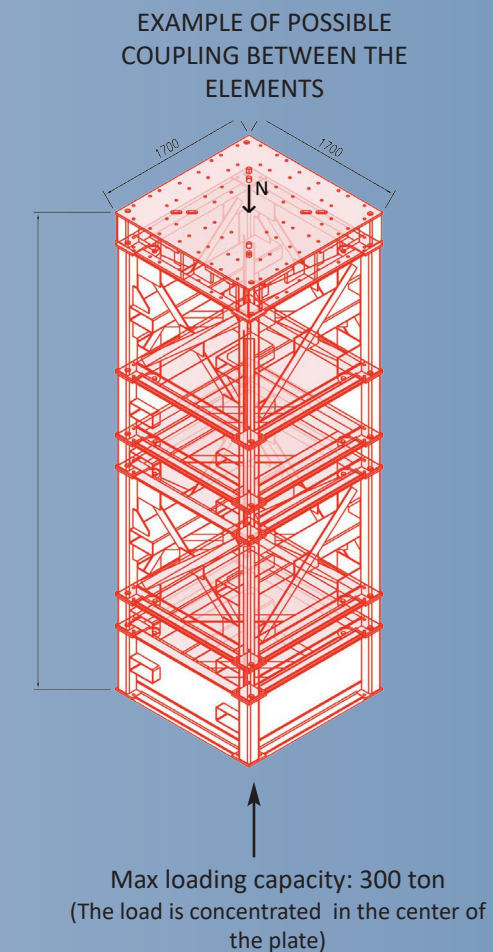
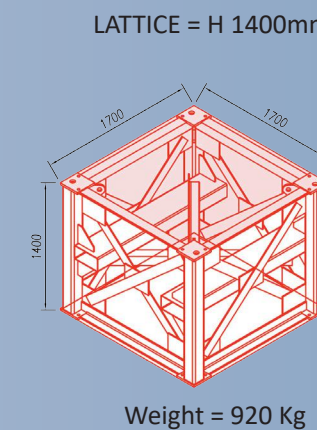
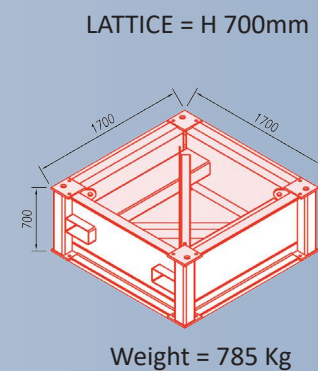
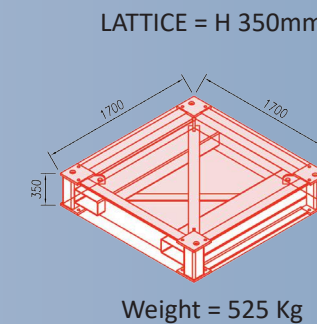
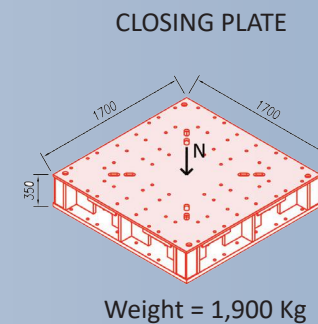
For jacking-down and jacking-up operations Fagioli, thanks to its extended equipment fleet, is able to guarantee different methodology of operations: strand jacking and gantry lifting systems; climbing jacks; screw jacks. By using SPMTs and lattice columns, Fagioli performs jacking operations of modules and heavy items with limitless tonnage capacity.

The lifting and lowering capacity is given by the hydraulic suspensions of the SPMTs, by a systematic and controlled pumping of hydraulic fluid into or out of each suspension, that can raise or lower the load-carrying platform. At the end of the hydraulic excursion of each jacking-up or down phase, the weight of the module is transferred from the SPMTs to the support's stools (steel barrels and lattice columns). Lattice columns are bolted together for a better stability. Subsequently the supports stools (each one with height compatible with the hydraulic excursion available of the SPMTs), are added (jacking-up) or removed (jacking-down), alternately from the foundation / ground or the SPMTs, allowing to raise or lower the modules, transferring the weight from the SPMTs to the foundation / ground and vice versa, alternately for several successive phases, changing the height of the modular supports stools, installed on the SPMTs and on the foundations / ground.

**LIMITLESS TONNAGE**

**JACKING -UP / DOWN EASY INSTALLATION METHOD**

**LATTICE COLUMNS BOLTED TOGETHER FOR A BETTER STABILITY**





FAGIOLI  
VIA FERRARIS, 13 - 42049 S.ILARIO D'ENZA (RE)  
PH+ 39 0522 6751  
INFO@FAGIOLI.COM