

SCAP

PRODUCT BROCHURE



SCAP Multiform



MU-31 highway, Spain

Alsina has developed a bridge pier formwork system called SCAP (High Performance Bridge Pier System). The system solves bridge pier construction, providing productivity and complete safety. The use of SCAP avoids the need for scaffolding support and is therefore especially useful in bridge piers seated on uneven terrain. In addition, this feature greatly facilitates formwork release using sliding wedges and reduces multiple repetition of movements.



Versatile

Thanks to its module-based components, SCAP can be used to build bridge piers, no matter how complex the geometry involved, using a wide range of measurements.



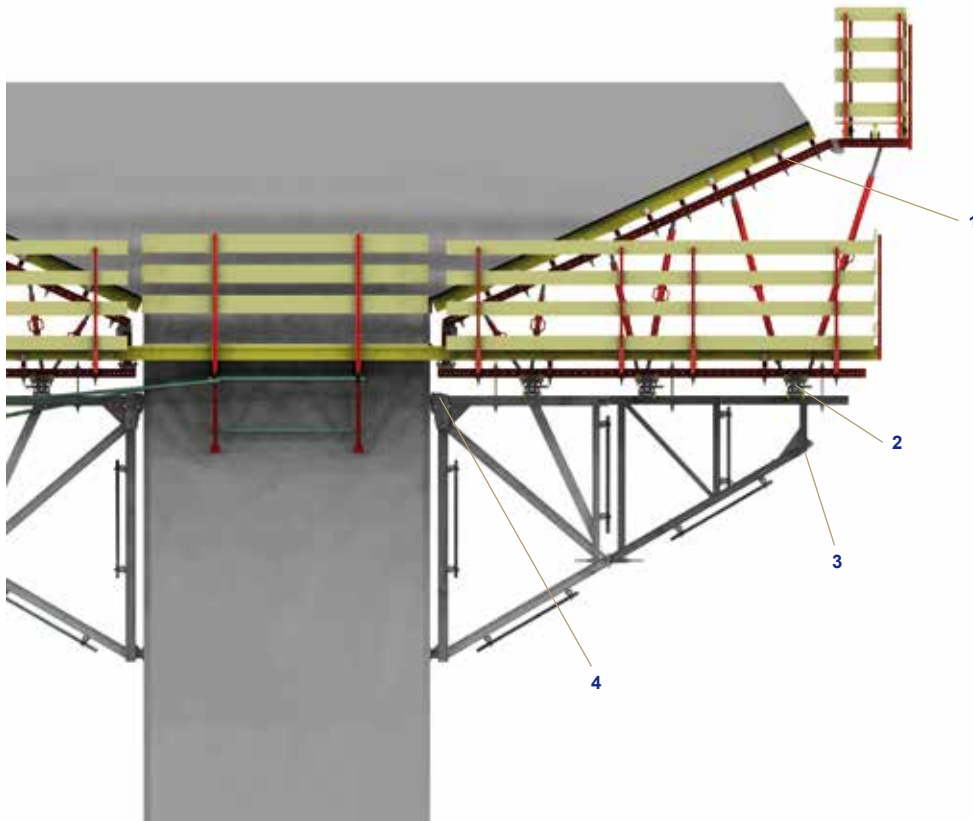
High productivity

The compact SCAP structure allows for fast and safe formworking while facilitating transfer to new concrete placing sites.



Considerable savings

Bridge pier construction with SCAP does not require scaffolding because the load is transmitted by taking advantage of the stress capacity of the pier shaft. In addition to the savings presented by this technique, it is decisive when building takes place on uneven terrain where it is difficult to seat the scaffolding.



Components

1. Multiform system
2. Sliding wedge
3. Supporting A-frames
4. SCAP System anchor



Assembly with pins

The SCAP system is designed for fast assembly. The elements can be connected with pins to eliminate screw placing tasks.



Connection gibs

The function of these Multiform system elements is to connect the system components so they can adapt to any kind of project.



Simple logistics

Its components can be transported in trucks, require little storage space and can be assembled using traditional tools at the job site.