



Bona Fide Partner for Innovative Technology

Casted Plates, Seismic Mass Design, Vibration Isolation and Custom Test Fixtures

Seismic Mass on CFM Schiller Air Springs and STOLLE Base Plate Installation at Continental Teves in Auburn Hills, MI

CFM-Schiller:

Seismic Mass design, Air Springs with Level Controls, Anchor Frame system and Installation

STOLLE:

Base Plate 6000 x 3440 x 350 mm, oil-sealed with fluid trough.



Base plate 6000 x 3440 x 350 mm with protective wax cover





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Seismic Mass:



Seismic Mass area



Rebar with anchor frame, upper connecting bars not installed yet.



Form work, rebar and anchor frame installed



Concrete work



Finished seismic mass





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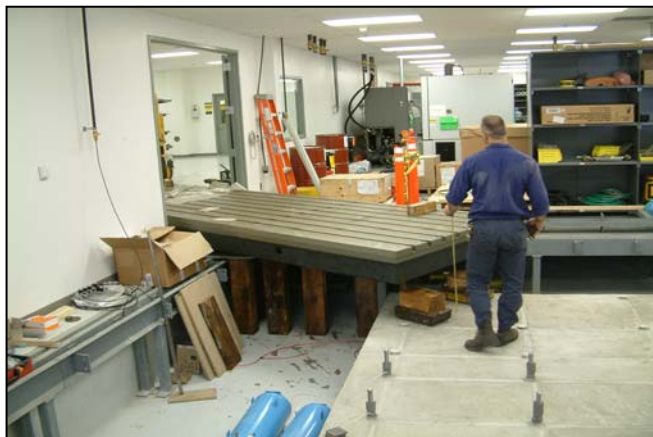
Installation of the STOLLE base plates



Inserting the anchors into the anchor frame



Installed anchors for first STOLLE sub-plate



Bringing in the first sub-plate



Moving plate into location. Plate bottom with ribs and machined drip edge for fluid trough visible.



Adjust and level first sub-plate



Bringing in the second sub-plate and connect sub-plates via high-strength bolts to form larger plate area.



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Installation of the STOLLE base plates (cont.)



Preparation for grouting the plates.



All gaps are framed and plate is ready for grouting.



Non shrinking PAGEL V1/50 with a compressibility over 14000 PSI (www.pagel-usa.com)



Grout Pump "PABEC III" for continuous pumping of the grout for up to 5 to/hour.



Grouting using grout holes.



Finished: Protective wax on the plate stays until all subcontractors finish the work and test system is ready to be installed.