FACTORY MANUFACTURE OF UHPC BEAMS

- 180' LONG X 96" TOP/36" BASE 4" STEM X 84" HIGH
- 2-6 BEAMS PER SHIFT

- MI-JACK FRIENDLY BUILDING
- FORM DESIGN/FABRICATION BY PRODUCER/SUB-SUPPLIER

- $3.0 - 3.5 MM TURNKEY CAPEX BUDGET
- EQUIPMENT TO PRODUCE & DELIVER UHPC INTO FORMS
- 8 MONTHS FROM ORDER TO FIRST PRODUCTION

SKAKO CONCRETE Manufacturing Concrete Products for the 21st Century
FACTORY MANUFACTURE OF UHPC BEAMS

DICTUMS OF FACTORY DESIGN & OPERATION

- SECONDS COUNT
- AUTOMATIC PROCESS CONTROL: FINE MATERIALS/ACCURACY/SPEED
- NO COLD JOINTS
- MAKE IT EASY & SAFE TO CLEAN & MAINTAIN..THEN IT WILL BE DONE!
KEY EQUIPMENT COMPONENTS
UHPC FACTORY OPERATION

- CONTINUOUS WEIGHT-PROPORTIONING OF MATERIALS: "LOCK & LOAD"
- MULTI-DIMENSIONAL, HIGH-INTENSITY MIXING
- RAPID AND RELIABLE UHPC DELIVERY INTO FORMS
- FULLY AUTOMATIC OPERATION: "HANDS OFF"
CONTINUOUS PROPORTIONING OF MATERIALS

Holding Batching Tolerances Depend On Choice of Proportioning Devices

Cementitious

Steel Fiber

ICE
MULTI-DIMENSIONAL, HIGH-INTENSITY MIXING

COUNTER-VORTEX VS COUNTER-CURRENT (PLANETARY)

ROTOCONIX

ATLANTIS
RAPID & RELIABLE UHPC DELIVERY INTO FORMS
FULLY AUTOMATIC OPERATION: "HANDS OFF"
Milan, Italy
UHPC Concrete Mixing