

# MODITEK

## HIGH CAPACITY POLYMER MODIFIED BITUMEN PLANT

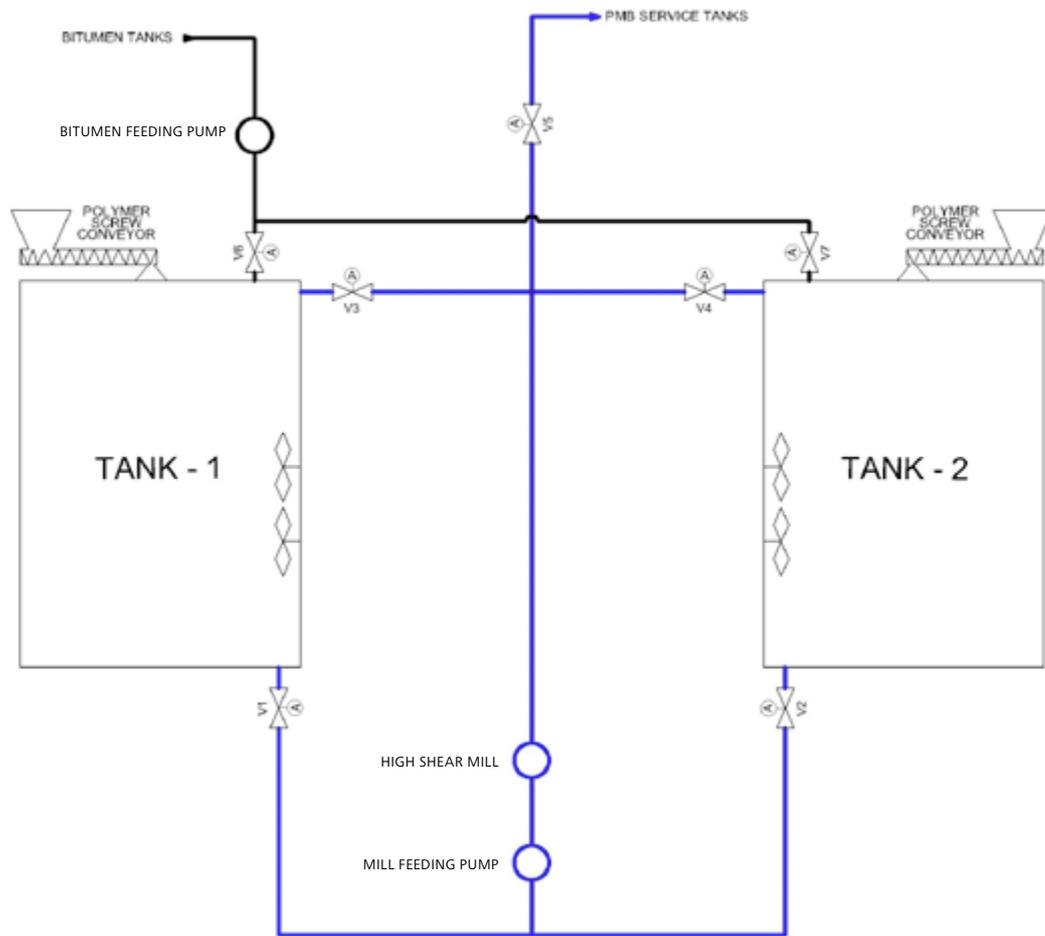
The ModiTEK is a fully automatic, easily transportable polymer modified bitumen plant. With a capacity up to 30 t/h, the ModiTEK is the perfect match for all markets. The plant offers full flexibility with different mix designs and recipes.

### HIGHLIGHTS

- Up to 30 t/h capacity
- High shear mill with gap adjustment
- Fully automated controls and reporting by SCADA based software over PLC
- Remote customer service via Internet
- Flexibility for different mix designs and recipes
- Easily transportable, fits into container
- Polymer feeding with screw conveyor or silo

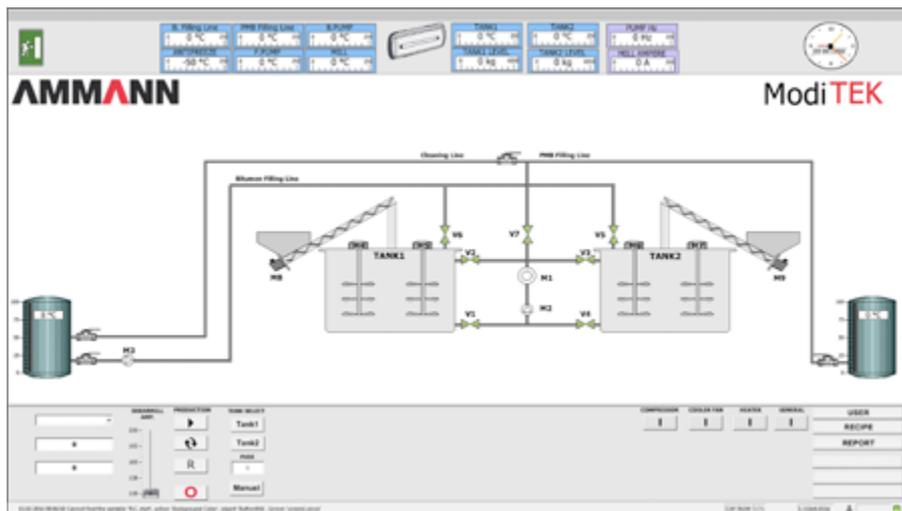
“For contractors of highways, bridges, airports, viaducts and dense traffic roads.”





**POLYMER MODIFIED BITUMEN; IS USED WHEREVER EXTRA PERFORMANCE AND DURABILITY ARE DESIRED**

- Provides high skid resistance
- Reduces noise levels
- Improves performance under heavy traffic conditions
- Delays cracking and reflective cracking
- Increases fatigue life
- Durable in extreme climatic conditions and high rainfall regions
- Rutting resistance
- Prevents from thermal cracking and stripping
- Provides resistance to rapid temperature changes
- Optimizes maintenance costs



Pneumatic system



High shear mill



Loadcell system

## TECHNICAL DATA MODITEK

HIGH SHEAR MILL – 1500 RPM. SOFT STARTER CONTROLLED

HEATED TANKS ON LOAD CELL WEIGHING SYSTEMS

GRAPHITE BASED SOFT SEALS FOR MILL WITH WATER COOLING SYSTEM

INVERTER CONTROLLED MILL FEEDING PUMP WITH 50 M<sup>3</sup>/H CAPACITY

PNEUMATIC VALVES IN ALL PIPING

7 M<sup>3</sup> BATCH TANK CAPACITY WITH 60MM ROCK-WOOL INSULATION, HEATING LINES AND DUAL AGITATORS

TOUCH SCREEN MONITOR FOR FULL AUTOMATIC OPERATION

STATISTICAL DATA REPORTING AND ARCHIVING

## OPTIONS

ELECTRICAL OR THERMAL OIL HEATING

SCREW CONVEYORS ON LOAD CELLS

10 M<sup>3</sup> BIG BAG POLYMER SILO WITH SCREW CONVEYORS ON LOAD CELLS

SEPARATE CONTROL CABIN

AS1 COMPUTER INTEGRATION

