

CREALYST focuses on dense loading operations

CREALYST is a company dedicated to providing state-of-the-art catalyst loading services. With more than 35 years of experience in the oil and refining industry.

"Calydens" advantages. CREALYST is a catalyst dense loading provider with proprietary and patented 'CALYDENS apparatus' always meeting guarantees and customer satisfaction with all major catalyst manufacturers. A homogeneous distribution of catalyst across the entire cross section of the catalyst bed from bottom to top reaching 12"–300mm from top plates. CALYDENS internals are designed for optimal catalyst distribution; with flow-rate regulator. The machine runs on a continuous flat bed profile, achieving up to 25% more catalyst loading on versatile reactor diameters ranging from 0.5m to 7.5m. Soft bristles/brushes for practically zero attrition of catalyst particles, reaching loading flow-rate of 20 m³/hour.

Reactor performances. Improve your unit life cycle through better reactor operation resulting from a fully homogenous and uniform catalyst bed. Catalyst dense loading with CALYDENS prevents "Channeling" of hydrocarbon streams and improving reactor yield and performance, ideal for revamp of existing units or new units.

Operator safety & ease-of-operation. CALYDENS is very light (15 kg), safe and easy-to-operate, with a bed profile control device. The CALYDENS installation is fast (approx 15 min) & fits all opening configurations.

Commercial aspect and reference. CREALYST remain a neutral and independent services provider, committed to continuous technological progress for the benefit of our customers. CREALYST established in 2004 has dense loaded with CALYDENS thousands of tons of catalyst for major refiners and catalyst manufacturers.



Contact information

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The CALYDENS
dense loading system

100% DENSE LOADING
INNOVATION & SERVICES

Bed homogeneity
Reactor efficiency
Benefits

CREALYST
Loading systems and services