



Aviation Fuel Loading System

RD - Petrochemical and Oil&Gas Industry

Crude Oil Derivative products: Jet Fuel

Crude oil is made up of a mixture of hydrocarbons, and the distillation process aims to separate this crude oil into broad categories of its hydrocarbons component, or "fractions." Crude oil is first heated and then put into a distillation column, also known as a still, where different products boil off and are recovered at different temperatures. Refineries use complex processes to distil crude oil into fuels, such as gasoline, diesel, jet fuel and bunker oil, or raw materials for making plastics, solvents or detergents.



Application : Aviation Fuel loading System

PUMP: RDM 32-20D 040 183 3
PERFORMANCE: Flow 12m³/h – head 30 m
LIQUID: jet fuel A-1

Pump is mounted on a heavy duty and fully galvanised steel skid.
RD process pump, in closed-coupled arrangement, is able to satisfy the high standard required for ATEX ZONE 1 classified area with a small footprint.

Pumps are equipped with mechanical seal designed to work under high vacuum condition.



RD SERIES

Centrifugal pumps built according to ISO 2858/ISO 5199 norms.
Impeller type: **closed**.
Discharge sizes: **from DN 32 to DN 125**.
Maximum working pressure: **16 bar**.
Flow rate: **up to 500 m³ /hr**.
Differential head: **up to 140 m**.
High hydraulic efficiencies and low NPSH value (investment casting impellers).

