

Asphalt

Technically Advanced Solutions
- for the Asphalt/Bitumen and Oil Industry

- Burner Feed
- Fuel Handling
- Oil Handling
- Asphalt and Bitumen Services



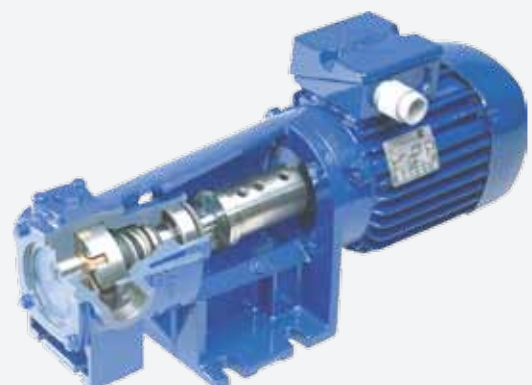
DIRECT COUPLED PUMPS

RECLAIMED OIL BURNER FEED PUMPS are “Hard Fitted” - specially designed for continuous delivery to the burner.

CLEAN OIL BURNER FEED AND HEAT TRANSFER PUMPS provide efficient positive delivery of clean oil and heat transfer liquids.

ROTAN Design Parameters:

Capacity Range:	Up to 50 m ³ /h
Pressure Range:	Up to 16 bar
Viscosity Range:	Up to 7.500 cSt
Temperature:	Up to 150°C
Motor Connection:	IEC or NEMA flange motors



For more information on Industry solutions, please visit www.desmi.com

DESMI

HD (HEAVY DUTY) CAST IRON FUEL PUMPS

deliver truck unloading flow rates of 170 m³/h and include construction options based on clean and reclaimed burner fuels. This mechanically sealed design is also used in fuel circulation oil blending and many other services.

ROTAN® Pumps are also available in Carbon Steel and Stainless Steel construction as well.

ROTAN® Design Parameters:

Capacity Range:	Up to 170 m ³ /h
Pressure Range:	Up to 16 bar
Viscosity Range:	Up to 250.000 cSt
Temperature:	Up to 250°C



ASPHALT PUMPS

Include unique features suited for today's needs and new polymer based formulations. Proven sealing options are available where there is concern of leakage for clean or abrasive Asphalt solutions.

For certain applications, ROTAN can offer a patented zero-leakage pump. This magnetic coupled pump (ED "Environmental Duty") combines the qualities of the standard ROTAN hydraulics, with a state of the art magnetic coupling.

This pump offers a total protection against spillage and vapor, which may create environmental hazards.



ELECTRICAL HEATING PUMPS

Electrical heating is an alternative to heating by liquid/steam. The heating source is a temperature probe, mounted in a hole drilled in the idler pin of the pump. As the idler pin is placed in the middle of the pump/liquid, the heating is concentrated where it is best used.

For this reason it is often sufficient with heating at the front end, but heating of the rear end is also a possibility. Especially road tankers/plants will benefit from this way of heating, as the electrical heating system is easily connected to existing power supply.

