

Four Fraste Rigs to Algeria

During spring 2011, **Fraste** has delivered another four multipurpose drilling rigs to a very important Algerian Customer, who confirmed his trust on the company's rigs and team by taking Fraste fleet at seven units. The rigs, which are highly reliable, of premium quality FS 300 model and one of the most sold and well known unit among the company's portable rigs, offer a fast and easy set up with user-friendly operation and maintenance. This flexible drilling machine comes in "off-road" version being mounted on heavy-duty tropicalized 3-axes 6x6 – Iveco-Astra truck carrier with a 480 HP diesel engine that operates the rig via PTO (Power-Take-Off).

The main concept of this machine is to be highly dependable in very hard climatic and environmental conditions. The whole design is for a strong unit, suitable for desert operation and high temperature up to 55° C. The main use of the FS 300 in this version, is to get geotechnical investigations, explorations and water wells up to 400 mt depth. It features a multiple configuration to perform with direct fluid circulation and combined tricone bit mud drilling / DTH hammer air roto-percussion drilling. The FS 300 quality construction criteria, under International Standards and the first class components, give an ingeniously compact drilling unit, well adapted to the difficult desert conditions like extreme heat and dusty/sandy places.

The main features of the FS 300 are 2-speeds rotary head



Fraste's four FS 300 multipurpose drilling rigs

– 800 daNm max torque – 150-rpm max speed, 16 ton pulling capacity, strong drilling mast-26 ton hook load capacity, reinforced-desert type hydraulic system for the whole drill rig functions with powerful oil, cooling system to withstand desert climate with 55°C ambient temperatures, desert oil filtration system, 5" x 6" GD 560 lt/1' mud pump and 21000 lt/1'-24 bar Atlas Copco module PTO air compressor. ■

Rovatti's Series: Set of Flanged Pumps

Since 1953, the name Rovatti Pompe has been synonymous with the production of high quality water pumps. Over the years, the Company has diversified its activity from the production of pumps for agricultural applications to include pumps for industry, drainage and sewage. The Company has always been heavily engaged in active research and development programs, with particular attention to technological innovations and manufacturing processes, with respect to the environment.

Thanks to this combination of experience, technology and research of new materials, Rovatti is able to offer a wide range of high efficiency, long-life functioning and maintenance-free products. Among the most significant achievements resulting from this corporate commitment, it is important to highlight the established wide range of flanged pumps for thermal engines, well known for their hydraulic characteristics and mechanical sturdiness. Couplings are available for both engines flanged in compliance with SAE international standards and engines with special flanging, making the "F" range suitable for many different installations.

In addition to the aforementioned robustness, the main features of this large series of pumps are the low, medium and high heads; power up to 130 kW; single-stage pumps with shaft directly coupled to the engine flywheel and



Some models of Rovatti F pumps

with hydraulically balanced impellers in order to avoid damaging loads on flywheel; multistage pumps with shaft coupled to the engine by flexible coupling and supported by oil-lubricated rolling bearings; and extremely easy installation ensuring perfectly aligned coupling.

With over 50 years of experience, 4500 products and a worldwide presence, Rovatti pompe is always able to guarantee reliable and innovative solutions for pumping systems, because water, like energy, is an essential resource. ■