

## DRILLING FLUID PUMP

Dynaset drilling fluid pump is designed to suit all drilling applications. The patented pump has extraordinary output characteristics, and excellent power-to-size ratio.

The pump's operation principle is based on linear reversal movement of a hydraulic piston, allowing freedom of any rotating parts. This makes the pump very reliable, durable, and cost-effective in use. Forged heavy-duty pistons with abrasion-resistant coating, self-lubricated seals and forged poppet valves run for more than a thousand hours.

Thanks to high abrasion and chemical resistance of the pump, various types of drilling fluids can be used. The pumped fluid can contain up to 25 per cent solids.



Drilling Fluid Pump	Output		Dimensions W x H x L mm	Weight kg	Hydraulic Requirements	
	Flow l/min	Pressure bar			Flow l/min	Pressure bar
HDF 180/23-35	23	180	160 x 200 x 240	8	35	210
HDF 90/150-85	150	90	180 x 240 x 320	30	85	210
HDF 200/250-280	250	200	200 x 310 x 480	98	280	210

## HIGH PRESSURE FIRE EXTINGUISHING

High pressure water provided by a Dynaset hydraulic water pump combined with special water atomising nozzles gives ultimate extinguishing power. Using light and handy spray guns, even very tricky places can be reached efficiently. Instead of water, foam can be used as the extinguishing material as well.

Dynaset also offers Hydraulic fire pumps, especially designed for effective and reliable use fire extinguishing.

Water cutting is often a necessity in firefighting, helping to cut through obstructing structures and in revealing concealed smouldering material inside structures. In water cutting, high pressure water pump with powerful spray gun and special nozzles are being used.



## HYDRO SCALING

High pressure water is ideal for removing loose rocks and other material in danger of falling from any rock surface. Hydroscaling is an essential safety precaution in caves and places where there is raw rock walls, such as rock cuttings near highways etc. Loose rocks should be removed from surfaces regularly to avoid accidents.

Dynaset offers high-quality hydroscaling equipment for various purposes. The heart of the hydroscaling kit is a Dynaset high pressure water pump of sufficient power - often the HPW 460/50-115 pump. The water is sprayed usually with a point or 3-way nozzle.



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POWERED BY HYDRAULICS